Specification Document
Modular Secure Vault
for
Command, Control, Communications, Computers, Cyber, Intelligence, Surveillance, and Reconnaissance (C5ISR) Electronic Equipment Repair
Tobyhanna Army Depot (TYAD)

PART 1 — GENERAL INFORMATION

1. General
This is a non-personal service(s) contract under which the personnel rendering the service(s) are not subject, either by the contract's terms or by the manner of its administration, to the supervision and control usually prevailing in relationships between the Government and its employees.

1.1 Description of Equipment/Introduction
This is a non-personal service(s) contract for turn-key procurement, installation, and integration of a modular secure vault for repair, testing, storage, and handling of Line Replaceable Units (LRUs), electronics assemblies, and technical data up to the Secret classification level. The Contractor shall supply, deliver, and install necessary hardware into the designated floor space at Tobyhanna Army Depot (TYAD).

1.2 Background
TYAD repairs and tests LRUs and electronics assemblies as part of its Command, Control, Communications, Computers, Cyber, Intelligence, Surveillance, and Reconnaissance (C5ISR) support mission. The modular vault with appropriate physical security and construction standards delivered on this contract will enable support for emerging equipment at the Secret classification designation.

1.3 Scope
The Contractor shall provide all personnel, equipment, supplies, facilities, transportation, tools, materials, supervision, and other items necessary to supply, deliver, and install the vault and physical security measures as described in this specification document and associated contract documents, except for those items specified in Part 3 – Government Provided Services, Equipment, and Materials. The Contractor shall perform to the standards and acceptable quality levels identified in this specification document and associated contract documents. Specifically, the Contractor shall deliver and install one (1) modular structure and all required physical security provisions to ensure compliance with AR 380-5 in the existing TYAD infrastructure.

1.4 Objectives
- The Contractor shall:

- Deliver to TYAD all segments in sizes not exceeding 12’ in width required to assemble a modular vault on site in accordance with the following minimum interior dimensions: 25 ft wide by 50 ft long by 15 feet tall
- Ensure modular vault contains provisions to accept HVAC and electrical feeds while ensuring compliance with physical security standards.
- Deliver and install security provisions in accordance with Army Regulation 380-5 Chapter 6 Section III to be utilized for the modular vault including, but not limited to, the following:
    - GSA approved safe internal to the enclosure for the storage of components, equipment, and documentation classified up to the Secret level
    - Chain-link fencing to enclose the modular vault to limit unwanted access. The fencing must include proper signage to indicate that access is restricted to the enclosed vault. Access controls to enter the fenced area shall be included. The fencing must have a minimum height of seven (7) ft and enclose the entire exterior perimeter of the modular secure vault.
    - Intrusion Detection System (IDS) that is compatible with TYAD’s (Starwatch V5) existing security provisions to alert physical security officers of forced entry into the modular structure.
    - Control Box wiring for appropriate sensors
    - Door with balanced magnetic switch
    - Keypad (CAC enabled) compatible with Vanderbilt SMS V. 7
    - 360-degree motion sensor inside space
    - External camera to monitor exterior of structure from inside of the enclosure
- Deliver technical documentation for the vault and security provisions, including, but not limited to:
    - As built drawings package, to include major parts list. The drawing package shall include at a minimum:
        - Reflected ceiling plan showing lighting locations, smoke detection, egress lighting, wall pack emergency lighting locations, and fire protection heads.
        - Piping layout for fire protection heads and integration (tie-in) locations to building sprinkler system. Locations of pull stations if applicable. Flow calculations and coordination drawings of reflected ceiling plans.
        - All power distribution panel locations and all terminal electrical devices and outlets. Include one-line diagram of integration (tie-in) locations to building distribution systems. Include light switching locations as well as room “in-testing” lighting locations and wiring. Provide panel schedules and all catalog data of electrical systems.

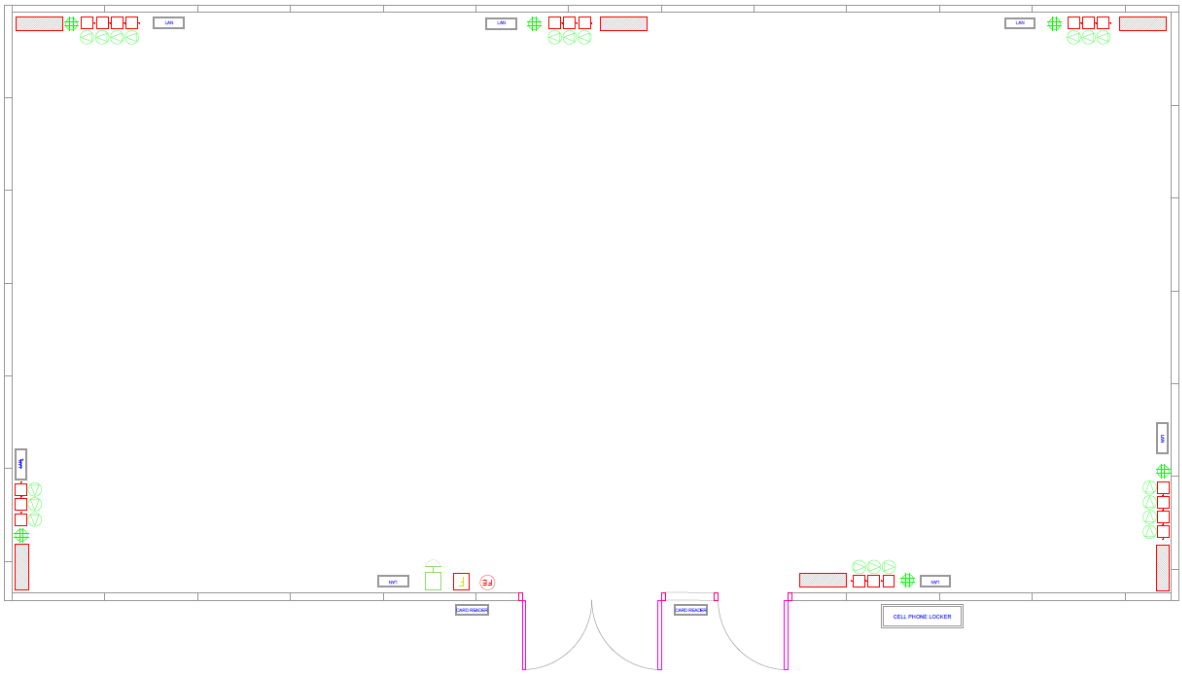
    - All HVAC equipment, ductwork and sizes. Include equipment schedules for all HVAC equipment and catalog data, performance capabilities and electrical requirements.
  - User manuals
  - Specification sheets
  - Recommended Spare Parts Lists
  - Material Safety Data Sheet (MSDS) for, but not limited to all lubricants, coolants, oils, greases, paints, etc. required for the assembly, installation, repair and maintenance of the modular secure vault.
- Integrate all security provision equipment into the modular structure at the designated location at TYAD.

- **1.4.1 Detailed Equipment Specification**

Contractor shall provide all supervision, management, permitting, licensing, labor, equipment, tools, training, assembly and materials necessary for the turnkey delivery and installation of the modular structure. The term “Provide” shall mean furnish and install.

1.4.1.1 Drawing Reference

- Drawings do not show all details of the work intended and are only to illustrate the characteristics and general extent of the work to be performed.
- The Contractor shall be responsible for checking and verifying all dimensions and site conditions before proceeding with installation or any work.



1.4.1.2 Design Standards

- The standards used for design shall include, but are not limited to, the latest versions of industry codes listed below. This list is intended to identify common codes that will apply to this project. It is not intended to identify all codes and standards. The Contractor shall be responsible for providing equipment and systems that meet all applicable industry codes.

Code	Description
OSHA	Occupational Safety and Health Act of 1970 (OSHA)
NFPA 101	NFPA 101- 2024 Edition
NEC	National Electric Code – NEC (2026 Edition)
NPA - 70	National Electrical Code
NEMA	National Electrical Manufacturers Association Standards
NFPA 13	Standard for the Installation of Sprinkler Systems
ASHRAE	The American Society of Heating, Refrigerating and Air-Conditioning Engineers, with specific reference to design, refrigeration, acceptable indoor air quality and energy standards for buildings.
1BC-2024	International Building Code 2024 Edition
AISC	American Institute of Steel Construction
ASCE	American Society of Civil Engineers

- Listed below are United States Department of Defense (DoD) codes and standards that apply to this project. The following list of codes and standards is not comprehensive and is augmented by other codes and standards referenced and cross-referenced in other parts of this document.

Document ID	Title
UFC 4-021-02	Electronic Security Systems, With Change 1
UFC 3-600-01	Fire Protection Engineering
UFC 3-410-01	Heating, Ventilating, and Air Conditioning Systems
UFC 3-580-01	Telecommunications Interior Infrastructure Planning and Design, With Change 1
UFC 4-010-05	Sensitive Compartmented Information Facilities Planning, Design, and Construction
UFC 4-022-03	Security Fences and Gates

- Attachments TYAD MASTER SPECIFICATIONS 20260303.pdf and Tobyhanna_Army_Depot_Installation_Planning_Design_Guide.pdf details Contractor, environmental, fire and design standards and regulations that apply while working at TYAD. These appendices will be included as attachments to this specification and is solely the Contractor's responsibility to obtain copies prior to design and award. Failure to obtain copies of the appendices by the Contractor does not relieve the Contractor of the requirements contained within.
- When discrepancies in the referenced standards and the contract requirements occur, the more stringent requirements shall govern. The Authority Having Jurisdiction in the interpretation of the codes and standards and approving the exceptions allowed in the referenced standards is the authorized government representative.

1.4.1.3 Workmanship and Quality

Workmanship and governing codes shall apply when a specification is not clearly stated.

- All equipment and work performed shall be free of defects and performed in a professional manner.
- All cutting and welding marks shall be ground smooth to allow all exposed parts to be cleaned thoroughly by wipe down.
- All electrical parts shall be enclosed or covered.
- All exposed parts must be capable of withstanding routine cleaning.
- Contractor will be responsible for correcting any regulatory deficiencies, quality and workmanship issues without any cost or expense by the Government.

1.4.1.4 Design Submittal Requirements

- The timeframe for each submittal is established before the issuance of the individual delivery order.
- Contractor may combine relevant design components into each design review submittal.
- Contractor must submit a design submission schedule to the Government for review and approval, detailing, but not limited to, major milestones and design components.
- Contractor must notify the Government in writing at least seven days prior to the issuance of any design proposal.

1.4.1.5 Design Submission Phases

Contractor should reference the information detailed below as a guideline for submission of design proposal submittals to the Government. Electronic copies (AutoCAD .dwg or .dxf format drawings and PDF) and paper copies are required at each submission.

CONCEPT DESIGN (35%)

This submittal represents approximately 35% of the design effort and shall be of sufficient detail to show how the user’s functional and technical requirements will be met, indicate the designer's approach to the solution of technical problems, show compliance with design criteria or provide justification for noncompliance, and provide a valid estimate of cost (when required).

INTERIM DESIGN (65%)

This submittal, if required, is intended to insure that funding limitations are not being exceeded and that the drawings, design analysis, specifications, and cost estimate are proceeding in a timely manner and that the design criteria and previous review comments are being correctly interpreted. Redlined marked up specifications will be submitted at this design phase. The Interim Design shall consist of:

- Design Analysis developed to approximately 65% completion.
- Approximately 65% complete drawings including those addressing construction phasing.
- Redlined marked up specifications.
- Annotated concept review comments.

FINAL DESIGN (95% DESIGN SUBMISSION/UN-REVIEWED 95% DESIGN)

This submittal represents a 100% complete design with the exception of the incorporation of any review comments resulting from the review of the submittal. The Final Design shall consist of:

Design Analysis with all items l00% complete. It shall include all backup material previously submitted and revised, as necessary, all design calculations, all explanatory material giving the design rationale for any design decisions which would not be obvious to an engineer reviewing the Final drawings and specifications, and any information for the Resident Engineer that will assist in administering the construction contract.

- 100% complete drawings including those addressing project construction phasing.
- Detailed 100% complete cost estimate.
- Annotated Interim review comments.
- All supporting documentation required for permit application approvals.

READY-TO-ADVERTISE (RTA) (REVIEWED 100%)
This submittal represents a complete design (design analysis, specifications, and drawings) including annotated design submittal review comments that answer and/or incorporate review comments resulting from the review of the Final design submittal.

1.4.1.6 Government Design Review

The Government will have 14 calendar days to review design submittals.

- The Government may extend its review time when reasonable and necessary without penalty or claim. The Government review will be primarily for the purpose of determining if the design is in conformance with the scope.
- It is not the intent of the Government to check the Contractor's design work in detail. The contractor shall be responsible for incorporating each review comment or providing written rationale for exclusion at each submission.
- The Government review and approval of any portion of the design proposal or final design does not relieve the Contractor from responsibility for errors or omissions with respect thereto.

1.4.1.7 Delivery

This section intends to provide an overview on material delivery restrictions at TYAD. The Contractor should read carefully the delivery section in order to understand the strict regulations in delivering and moving products to and throughout TYAD.

	Scope	**Comments**
A.	Government Responsibility:	

	Designated staging area	Will be provided
	Dock height door for unloading of product	One door available
	Drive-in door	One door available
B.	Contractor Responsibility:	
	Freight delivery for new equipment to site	FOB Destination
	Unloading of equipment at Government's facility	
	Providing a fork truck to unload and move equipment / installation	
	Written notification of delivery prior to arrival	1 week
	Cost of repairs / replacements for any materials damaged	
C.	Specific Delivery Instructions:	
	Hours	M-F 7:30 am – 4:00 pm
	Special Instructions	

1.4.1.8 Installation Standards

This section intends to provide an overview to the Contractor on installation standards at TYAD (See Part 3 for additional information). The Contractor should read carefully the section on installation standards in order to understand strict regulations on installing equipment at TYAD:

- All removed metal components shall be transported to a local recycling facility. Facility will need to be approved by COR.
- Type and tonnage of recycled materials will need to be certified by a TYAD project representative.
- Contractors will need to ensure that all packaging materials, installation debris and daily work are cleaned up and placed into trash receptacles. All trash shall be transported to the dock areas using Contractor supplied vehicles. All trash removal shall be the responsibility of the Contractor. All trash and debris shall be removed at the end of each workday and work area(s) set to a neat/orderly state.
- TYAD personnel will occupy all adjacent areas. Contractors shall work around existing TYAD personnel and equipment in adjacent areas to include materials brought in for construction.
- Contractor will be responsible for the following:

The Contractor is Responsible for:	**Comments**

Power and air for installation purposes	Temporary power and air, if required, to be provided by Contractor.
Providing a dumpster for trash removal	Dumpster, if required, to be provided by Contractor. Price of dumpster and trash removal to be provided in quote.
Providing a fork truck to unload and move equipment / installation	Propane fork trucks are prohibited
Providing Safety procedures / plan in compliance with Government Requirements	
Providing personal protection equipment (PPE) for all crew members	
Providing a list of installer crew names, crew size, working hours and overtime provisions	
Provide an installation schedule. Schedule could be phased if it improves delivery time and / or implementation of equipment.	Phased ☒ Single ☐ Phased by area, reference project schedule for installation timing.
Participating in project management / coordination meetings	
Building Construction	Retrofit
Operating Environment	Operational temperature will be fixed between 68F – 75F. Humidity will be controlled at less than 85%.
Storage Environment Prior to Installation	0F to 120F
Heights: Ceiling Clear Height Height Below Sprinkler	 14’6”. 14’.
Electrical / Data Supply: Main Power Supply Power Termination Point	 Power will be provided through the Substation in the adjacent bay. Contractor is responsible any additional distribution, disconnects, etc. Contractors shall make final connections and provide all internal equipment wiring.

LAN / Data Supply	Contractor to provide and install patch panels.
Compressed Air Supply: Compressed Air Air Termination Point	 Temporary air can be provided during installation. Building air will be provided, Contractor to make final connections.
Quality and Safety: PPE Including: Hard Hats, Safety Glasses, HI-Viz Vest, Long Pants, Steel Toe protection if working with heavy equipment Barricades and Warning Signs Around Work Area Fire Watchperson / Stand-by Fire Extinguisher Smoking	 All must be approved and worn. Must be provided. Must always be present. When required Forbidden on-site except in designated areas.

1.4.1.9 Training

- All materials and documentation used in the training of TYAD personnel shall become the property of the Government.
- Training shall be coordinated with TYAD in advance. Daily training must begin no later than 8:00 a.m.
- All training shall be performed at TYAD using the equipment purchased in this specification.
- Each type of training shall be given independently and include the following types of training shall be provided by the Contractor. Training sessions must not overlap since there will likely be TYAD personnel that will need to attend multiple types of training.
    - Operator: Training shall be provided by the Contractor and include instruction on the safe, efficient operation of the equipment delivered.
    - Programming: If the equipment includes a programmable controller, programmer training shall be provided, separate from the operator training.
    - Maintenance: Mechanical and electrical control and diagnostic maintenance training shall be provided by the Contractor, including troubleshooting and preventive maintenance procedures.

- Procedural: Proper operational and procedural training at a global level, as well as General Orientation training shall be provided prior to the installation phase.

1.4.1.9 Modular Secure Vault Construction

- The secure vault or enclosure will be constructed using reinforced modular walls.
- The enclosed Test Facility shall be self-supporting, with no attachments to the parent building.
- Perform the required structural analysis in accordance with ASCE 7 standards to determine the impact of the new loads on the existing bay roof and other structural elements. Provide a copy of the written analysis report performed by a Pennsylvania licensed structural engineer to the Government for review and assessment. Submit for Government review and approval, location of HVAC equipment on the bay roof.
- The enclosure shall be designed to accept normal loading from accessories such as lighting, conduits and similar utilities. The system shall not deflect more than 1/360th of the ceiling span. The walls shall not deflect more than 1/250th of their span when subjected to a lateral load of 75 pounds.
- Provide all structural supports for HVAC and electrical equipment.
- The roof of the enclosure shall not be used for storage. Roof and ceiling structure shall be designed to support all HVAC equipment and for personnel service and access to equipment.
    - Perform structural analysis in accordance with ASCE 7 standards to determine that enclosure roof can support personnel access and equipment. Provide a copy of the written analysis report performed by a Pennsylvania licensed structural engineer to the Government for review and assessment.
    - Provide access ladder attached to the enclosure for maintenance personnel access to the roof.
    - Enclosure roof shall have guardrail that meets OSHA 1910.29 requirements for fall protection.
- Suspended Ceiling Selective Demolition
    - Existing suspended ceiling height is approximately 14’ 6” with a roof height of approximately 25’.
    - Selective demolition of approximately 1,250 sq.ft of suspended ceiling tile.
    - Modify air ducts, fire suppression and detection system, and all applicable utilities to allow for enclosure height of 15’.

1.4.1.10 Modular Secure Vault Dimensions

- Minimum interior dimensions of 25 ft wide by 50 ft long by 15 feet tall.
- One (1) double door with minimum width clearance of 8ft wide by 10 ft high.

- One (1) personnel door with minimum width clearance of 3ft wide by 7 ft high.

1.4.1.11 General Requirements

- Each door shall have means of locking and securing when unoccupied. Government Services Administration (GSA) locks are not required, and Contractor may provide standard manufacturer locking mechanism.
- Provide door stoppers for the double and personnel door.
- Provide Light-Emitting Diode (LED) lights designed to 50 foot-candle illuminance. Provide light switches at doors for control.
- A minimum of Sound Transmission Class (STC) rating of 45 is required for the modular secured vault. Contractor must certify that modular secure vault is in compliance with a minimum STC rating of 45.
- The Contractor must receive approval from the Government prior to purchasing any Information Technology (IT) equipment: this is to ensure the latest model is procured and compliance to DoD security requirements.
- Provide access request buzzer for outside door access request.
- Provide surface mounted cell phone locker with the following features:
    - Nominal size of 30 IN W X 31 IN H X 9 IN D.
    - Front access panel with five (5) door rows and four (4) doors wide and a
    - total of sixteen (16) compartments all eight (8) deep.
    - Twelve (12) A” size doors (6.5 IN W X 5.25 IN H).
    - Four (4) “B” size doors (13 IN W X 5.25 IN H).
    - One (1) “A” door compartment is required for a panel lock (To be included) and is not used for cell phone storage.
    - Constructed entirely with sixteen (16) gauge stainless steel.
    - The doors are to be five (5) pin cylinder cam master keyed locks (A quantity of three (3) keys for each compartment and five (5) master control keys).
- Provide seven (7) wall mounted single gang, four position Category 6 (CAT6) modular jack (RJ-45 type) in accordance with TIA-568-C.0, terminated with T568A configuration.
    - Provide conduit and penetration for telecommunication (Local Area Network) functionality.
    - Run all wiring and cabling in conduits such as that the appearance is professional and meets industry standards.
    - Color shall be blue for unclassified data network.

1.4.1.12 Fire Detection and Protection

- Provide design and installation of sprinkler system for the Test Facility as an extension of the primary buildings automatic fire sprinkler system in compliance with NFPA and relevant codes and standards.

- All fire and smoke detection wiring shall be encased in “red” conduit per TYAD standards.
- All control and thermostat wiring shall be encased in “blue” conduit per TYAD standards.
- Provide Audible Visual (AV) Horns and Strobes for the modular secure vault.
- Provide wall pack (battery back-up) emergency egress lighting.
- Provide heat detection and smoke detection system and communication wiring to remote Fire Alarm Control Panel (FACP) outside the modular secure vault.
- Each remote-control panel shall be addressable and interface with the buildings FACP. Coordinate requirements of FACP integration with COR.
- For each air handling/environmental control system, provide duct mounted smoke detectors (outside the modular secure vault) and integrate with FACP. Duct detectors shall disable HVAC system serving the room and alarm FACP.
- Provide two (2) Carbon dioxide type BC fire extinguishers.
- Doors and enclosure panels shall have a 90-minute fire rating.

1.4.1.13 Electrical Requirements

- All energy control sources shall have the capability of being locked-out/tagged-out and returned to full operational status.
- Unless specifically noted otherwise, all terminal devices and receptacles shall be fed through wall mounted disconnect switch located at approximately 5’-0” Above Finished Floor (AFF) and specialty twist lock and other receptacles mounted at approximately 24” AFF.
- Maintain 3 ft. NEC clearance in front of all power distribution panels and in front of service disconnect switched for access.
- Unless specifically noted otherwise, each outlet shall be served by a dedicated branch circuit.
- Include power provision for all power distribution panel loads including HVAC, lighting, lighting, emergency lighting, and test equipment.
- Provide emergency power stop in modular secure vault.
- Provide a minimum two (2) 120/208 VAC; Amperage – 250 per phase; Frequency 60 Hz; 3 Phase; 4-Wire, WYE connected, with safety ground (ATS Power) distribution panel. Contractor shall verify that selected distribution panel supports all loads (including but not limited to HVAC, lighting, emergency lighting, and equipment) and allows the Government sufficient capacity for future use.
- Coordinate and review all locations and specialty receptacle combination with the COR prior to installation. Provide the following specialty receptacle:
    - Six (6) Standard 120V Double Duplex receptacle.
    - Twelve (12) 120V 1 Phase 20 Amperage 60 Hz Receptacle (NEMA L2-20R).
    - One (1) 208VAC 3 Phase WYE connected 100 Amperage 60 Hz Receptacle.

- Two (2) 208VAC 3 Phase WYE connected 60 Amperage 60 Hz Receptacle.
- Four (4) 208VAC 3 Phase WYE connected 30 Amperage 60 Hz Receptacle.

1.4.1.14 Security Access Control

- Provide two (2) DoD Common Access Card (CAC) enabled card reader and associated electrical, electronic and mechanical equipment at the external doors to restrict access to only authorized personnel.
  - Card reader must be UL 294 listed.
  - Contactless card readers must conform to ISO/IEC 14443 Parts 1 through 4 and NISTIR 6887, The Government Smart Card Interoperability specification (GS-IS).
- Provide a physical intrusion detection system (PIDS) shall be installed to detect physical threats (person or object) entering the Modular Secure Vault. The PIDS shall be configured for PC (including laptop units) and Smart Phone compatibility The PIDS shall include but not limited to exterior and interior sensors (including perimeter, area and building), continuous monitors, control devices, sensor recorders, alert generators, non-wireless event detection and reporting, and EMI protected devices.
  - The PIDS design and installation shall have backup power sources.
  - Communication alarm signaling between the PIDS and TYAD Security shall be employed.
  - The PIDS shall have the technology to allow the TYAD Security personnel with the means to assess the notified alarms.
  - The PIDS shall have closed-circuit television/PC monitors thermal imagery, to respond to audible and/or visual alarm events.
  - The alarm monitor/reporting display shall be capable of displaying the intrusion location.
  - At a minimum, the PIDS shall be capable of detection of secure building structure (including doors, walls, roof, vents, windows and any other interior to exterior penetrations as HVAC units), movement within the secured area, moving intruders, lifting movements, and the touching of secured equipment and safe.

1.4.1.15 HVAC Requirements

- Modular Secure Vault must be environmentally controlled by a Computer Room Air Conditioning Unit (CRAC).
  - The system shall have a complete packaged evaporator and fan section with integral humidification systems. Standard Split System HVAC equipment is not acceptable.

- Equipment must be manufactured by a company specializing in computer room precision environmental control and shall have the ability to add humidification as well as dehumidify with reheat capability. Canister or non-contact infra-red humidification is acceptable.
- The HVAC unit shall be a self-contained system with supply and return air, not requiring exhaust ductwork to the exterior of the primary building.
- Associated system remote condenser shall be located outdoors on the roof of the building which houses the Test Facility. On grade condensers are discouraged.
- Roofing work must be performed by pre-qualified roofing company (coordinate with COR).
- All pipe and conduit roof/wall penetrations shall be made through pipe curbs with appropriate penetration provisions.
- Any condensate shall be pumped/drained to the nearest floor or roof drain as approved by the COR.
- Contractor shall provide the necessary pump and piping to the drain and shall configure the piping such that the appearance is professional and meets all plumbing codes.
- An auxiliary drain pan with overflow switch shall be provided, upon failure or overrun of the condensate pumping system the auxiliary drain pan sensor shall disable the HVAC unit and humidifier.
- All HVAC ducts shall be galvanized steel with 1.5 " fiberglass insulation blanket.
- Provide duct mounted detector compatible with the fire alarm system.
- The outside air shall pressurize the Test Facility and shall require barometer relief to the building where it is located. Motorized dampers shall be provided at relief and outside and ventilation communication points.
- Dampers shall be interlocked with duct mounted smoke detector and remote room heat/smoke detectors and shall close and disable unit fan upon fire detection system activation.
- Provide MERV-9 filtration and SCR reheat.
- The t-stat/RH-stat sensing element control shall be located in the return air ductwork, and fan shall operate in continuous mode.
- T-stat shall be stand-alone 7-day programmable with occupied and unoccupied setback temperature set points.
- Rooms shall be capable of maintaining a temperature between 65F to 85F, with an optimal temperature of 72° F (+/- 2° F adjustable).
- CRAC unit must have a variable compressor for low heat loads and environmental conditions.
- Relative Humidity must not to exceed 60% in cooling mode or less than 40% in heating mode.

- In addition to other miscellaneous heats loads and other conditions, assume 35,000 BTU/hr equipment heat load and six person occupancy.

1.5 General Information

1.5.1 Quality Control Plan (QCP)

This acquisition is for commercial items performed under FAR Part 12. In accordance with FAR 12.208, the Contractor's existing quality assurance system will be utilized. The Contractor shall submit their Quality Control / Installation Plan within 10 days of award.

1.5.2 Recognized Holidays

Work shall not be performed on U.S. federally recognized holidays occurring during the normal workweek unless otherwise directed by the Contracting Officer.

1.5.3 Operating Hours

- 1.5.3.1 Government Facility Office Hours: The Government facility office hours are 0700-1630, Monday through Friday, except U.S. Holidays or when the Government facility is closed due to local or national emergencies, administrative closings, or similar Government-directed closings.
- 1.5.3.2 Contractor Support Hours: The Contractor shall provide support between the hours of 0700-1630, Monday through Friday. The Contractor shall maintain an adequate workforce at all times for the uninterrupted performance of all tasks defined within this specification document when the Government facility is not closed.

1.5.4 Place of Performance

The work to be performed under this contract will be performed at Tobyhanna Army Depot, Tobyhanna, PA 18466.

1.5.5 Davis Bacon Act Compliance

While the primary scope of this effort is the procurement and installation of a modular vault, the Contractor shall comply with the Davis-Bacon Act (DBA) for any associated construction, alteration, or repair activities required for site preparation and installation. If the Contractor performs incidental construction tasks—such as pouring concrete foundations, executing structural modifications, or installing facility integrations (e.g., conduit, HVAC connections)—that constitute a substantial and segregable portion of the overall contract, the Contractor shall apply DBA prevailing wage requirements to that specific work. In such instances, the Contractor shall ensure that all laborers and mechanics performing the segregable construction tasks are paid no less than the local prevailing wage rates determined by the Secretary of Labor (as specified in the wage determination attached to this contract). Furthermore, the Contractor shall adhere to all

associated DBA reporting requirements, including the submission of certified payroll records in accordance with applicable Federal Acquisition Regulation (FAR) clauses.

1.6 Security Requirements

1.6.1 Installation Access
Access to U.S. installations, buildings, and controlled areas is limited to personnel who meet security criteria and are authorized. Failure to submit required information/data and obtain required documentation or clearances will be grounds for denying access to U.S. installations, buildings, and controlled areas.

1.6.2 Background Checks
The Contractor shall submit all required personnel information to the TYAD Security Office, via the COR, to facilitate background checks for installation access. Unfavorable results will result in the personnel not being allowed access to the installation.

1.6.3 Operations Security (OPSEC) Requirements
Contractor personnel shall adhere to facility security policies and restrictions. The Contractor shall immediately report suspicious activities to security personnel.

1.7 Safety
- 1.7.1 Safety Laws and Regulations: The Contractor shall comply with FAR 52.236-13, Accident Prevention, the references contained therein (e.g., U.S. Army Corps of Engineers Safety and Health Requirements Manual (EM 385-1-1)), and all applicable Federal, State, and Safety Laws and Regulations. An Accident Prevention Plan shall be submitted prior to the commencement of installation activities.

1.8 Data Rights
The Government has unlimited rights to all documents and materials produced under this contract.

1.9 Protection of Government and Contract Information
Per Public Use Notice of Limitations stated by the Defense Imagery Management Operations Center at www.dimoc.mil/resources/limitations/, the Contractor shall not cite any information obtained through this contract on any hard copy or digital marketing tools to include its company website.

PART 2 — DEFINITIONS & ACRONYMS

2.1 Definitions

- Contracting Officer: means a person with the authority to enter into, administer, and/or terminate contracts and make related determinations and findings on behalf of the Government.
- Contracting Officer's Representative (COR): As defined in DFARS 202.101, means an individual designated and authorized in writing by the Contracting Officer to perform specific technical or administrative functions.
- Contractor: means a supplier or vendor awarded a contract to provide specific supplies or service to the Government.
- Day: means, unless otherwise specified, a calendar day.
- Deliverable: means anything that can be physically delivered, but may include non-manufactured things such as meeting minutes or reports.

2.2 Acronyms

- COR: Contracting Officer's Representative
- FAR: Federal Acquisition Regulation
- KO: Contracting Officer
- OPSEC: Operations Security
- TYAD: Tobyhanna Army Depot
- C5ISR: Command, Control, Communications, Computers, Cyber, Intelligence, Surveillance, and Reconnaissance

PART 3 — GOVERNMENT PROVIDED SERVICES, EQUIPMENT, AND MATERIALS

- 3.1 - Site Access and Utilities: The Government will provide the Contractor access to the designated installation site at Tobyhanna Army Depot during standard normal working hours as defined in this specification document. Access outside of normal working hours will be coordinated through the COR. During the installation phase, the Government will permit the Contractor to utilize existing, standard facility utilities (e.g., 120V electrical power, running water) strictly for the purpose of executing the installation and testing of the equipment.
- 3.2 - Staging and Delivery: The Government will designate a temporary staging and offloading area for the receipt of the equipment. The Government will provide unloading and transportation to the staging area. The Government will not provide material handling equipment or labor to assist with uncrating or final installation of the equipment.
- 3.3 - Contractor Responsibilities: Except for the specific site access and basic utilities explicitly stated above, the Government will not provide any tools, specialized testing equipment, incidental construction materials (e.g., fasteners, conduit, wiring), or labor. The Contractor shall furnish all necessary tools, materials, material handling equipment, and labor required to complete the delivery, installation, and integration of the equipment in accordance with this specification document.

PART 4 — CONTRACTOR FURNISHED ITEMS AND SERVICES

4.1 General
The Contractor shall furnish all personnel, equipment, supplies, facilities, transportation, tools, materials, supervision, and other items necessary to perform services as described in this specification document and associated contract documents, except for those items specified in Part 3 Government Provided Services, Equipment, and Materials.

4.2 Materials
The Contractor shall provide the modular vault and physical security provisions to perform the installation of the materials.

4.3 Background Checks
The Contractor shall provide personnel information for the performance of Background Checks in accordance with paragraph 1.6.2 of this specification document.

PART 5 — SPECIFIC TASKS

5.1 Basic Services
The Contractor shall provide services for vault delivery and installation as described in the following Task Statements. All work shall be performed IAW the standards identified herein.

5.2 Tasks
- 5.2.1 Equipment Delivery: The Contractor shall deliver the vault and physical security provisions within 180 days after receipt of order to Tobyhanna Army Depot. The delivery shall include all hardware and electronic copies of manuals.
- 5.2.2 Installation: The Contractor shall install the materials at the designated facility within TYAD. The Contractor shall assemble and integrate the vault with facility power and HVAC. The Contractor shall remove and properly dispose of all packaging, crating, and installation debris from TYAD.
- 5.2.3 Program and Contract Management: The Contractor shall manage all logistics, scheduling, and personnel requirements associated with this delivery and installation.
- 5.2.4 Commercial Warranty: The Contractor shall provide the standard commercial warranty for all materials provided under this contract. The warranty period shall be a minimum of one (1) year, commencing on the date of final Government acceptance of the fully installed and operational vault. The warranty shall cover all defects in material and workmanship. During the warranty period, the Contractor shall be responsible for all costs associated with repairing or replacing defective materials including parts, labor, and any required shipping logistics to and from TYAD. The Contractor shall deliver a formal copy of the warranty terms, conditions, and claim procedures alongside the materials

delivery. The Contractor field repair technician shall arrive on-site within 48 hours after being contacted by TYAD personnel to make warranty repairs during the warranty period

PART 6 — CONTRACTOR SAFETY STANDARDS

Below are some “installation specific” safety standards which contractors are required to adhere to while performing any work on Tobyhanna Army Depot. It is the contractor’s responsibility to always incorporate these particular requirements into their daily operations while under contract and to institute these specifics into their overall site safety controls. These do not substitute or deflect in any way the requirement to institute and adhere to all OSHA 29 CFR 1910 & 1926 and USACE EM385-1 safety standards, as well as all applicable contractual Federal Acquisition Regulations while performing the work under this contract on Tobyhanna Army Depot.

It is the responsibility of the contractor to enforce the below requirements as well as all current revisions of the above referenced standards. Failure to enforce safety requirements on the depot can result in immediate stop works, safety stand down orders and even complete termination of the contract.

Important Phone Numbers:

Fire or Emergency: 911
Fire Department – (Non-Emergency): 570-615-7300
Security: 570-615-7550
Safety Office - 570-615-7027

S1.0 THE CONTRACTOR IS SOLELY RESPONSIBLE AND LIABLE FOR JOB- SITE SAFETY

1. Review of the project plans and other documents by any government appointed official does not constitute an acceptance of Federal responsibility or liability for the adequacy of the safety measures identified for the job or for the Contractor's compliance with all applicable safety rules and regulations.

2. The Contractor remains solely responsible and liable for job-site safety at all times during the term of the contract. No outside personnel (other than ET, COR, TYAD Safety, or other government appointed contract personnel) are allowed onto the job site at any time during contract without prior permissions and/or escort by the ET, COR or KO.

3. Tobyhanna Army Depot has restrictions on the use of fossil fuels in all buildings. When it is determined that electric or other alternatively fueled vehicles are insufficient or unavailable for movement of material within the buildings on the installation, fossil-fueled vehicles can be used only when all alternatives of accepted electric material movement equipment have been considered, and the last option is use of a fossil fuel vehicle or project failure. This includes any situations where safety of employees and equipment may be jeopardized. Convenience will never be an acceptable justification to utilize fossil-fueled vehicles. The Government Designated Representative (GDR) will notify the appropriate supervisor(s) or leader(s) in the area where the need to utilize a fossil fuel vehicle is required. The supervisor / leader will take the necessary steps to notify the employees in the work area of the option to leave the area during the material movement process. The GDR and Contractor will also document all actions the Contractor took to utilize electric or other alternatively fueled vehicles. The documentation will specifically state why electric or alternatively fueled vehicles are insufficient and all mitigation efforts used to minimize the effects of fossil-fueled vehicles to include information as to any appropriate scrubbers that can be utilized along with any ventilation or exhaust systems that can be used to externally vented to the outside of the facility. The documentation must be submitted to the TYAD Safety office for approval prior to any equipment being used. A final copy of the Approved documentation will be provided to the TYAD Safety Division.

4. All direct construction supervision, including subcontractors, must as a minimum, complete an OSHA 30-hour safety course for construction. These certificates must be submitted as part of the site safety plan BEFORE construction activities start.

5. **RED CARD PROGRAM** - Tobyhanna Army Depot utilizes a program to allow employees to stop an action which is considered unsafe. Employees carry small red cards that can be thrown down when employee sees any action they consider unsafe. Work ceases until TYAD management can decide if it is safe or not. Contractors are required to comply with this program. If a TYAD employee presents the red card to the contractor, the contractor must stop working until the COR and Safety Office can determine if there is a safety hazard or not.

6. All contractor personnel, to include subcontractors, vendors, suppliers, or visitors, when performing any type of work activity, or gaining access through an occupied area or shop - must have all applicable PPE that is required for the area to include, but not limited to, hardhats, safety glasses, hearing protection, and respirator protection. Notify both COR & Area Supervision, for access approval and prior to any work activities being performed.

S2.0 CODE COMPLIANCE

As noted in Tobyhanna Army Depot Safety Regulation 385-1 - TYAD follows all requirements and is certified as an ISO 45001 facility. Accordingly, the contractor shall comply with and maintain these high safety standards and provide full compliance with all applicable safety regulations and standards. The Contractor shall maintain, monitor, and enforce employee compliance with all applicable rules, regulations, and codes. Tobyhanna Army Depot requires full contractor compliance with all safety regulations and standards. The Contractor is responsible for maintaining, monitoring, and enforcing all rules, regulations, and codes, by ALL personnel working for the contractor including all subcontractors. These codes include:

Title 29 Code of Federal Regulations-1910 (OSHA General Industry Standards)

Title 29 Code of Federal Regulations-1926 (Construction Industry Standards)

National Fire Protection Association Codes

Uniform Facilities Code

Unified Facilities Guide Specifications (UFGS)

USACE EM385-1-1

All other codes as required to maintain safety standards.

S3.0 JOB HAZARD ANALYSIS (JHA) / ACTIVITY HAZARD ANALYSIS (AHA)

Prior to the start of work, the contractor shall prepare a JHA / AHA for each phase of work that will be done under the contract. This will be completed in accordance with all applicable OSHA safety requirements. A phase is any operations involving a certain type of work. Examples include demolition, excavation, masonry work, concrete pouring, roofing, and electrical wiring. Work done by each subcontractor is also a phase. The JHA / AHA will:

1. List the activity being performed and identify the sequence of work steps

2. List the hazards associated with each step, and the procedures and training required to eliminate or reduce the risk to an acceptable level.

S4.0 SITE SPECIFIC SAFETY & ACCIDENT PREVENTION PLANS

Contractors will submit a written Site-Specific Safety / Contractor Accident Prevention Plan prior to beginning activities. The plan must follow the guidelines in OSHA 29 CFR 1926 or 1910 as applicable.

1. Who will implement the plan, including who is responsible for safety and accident prevention?

2. A means for coordinating and controlling subcontractors and suppliers.

3. Safety training.

4. Who will investigate accidents?

5. Emergency response.

6. Job site cleanup and safe access.

7. Public safety requirements such as signs and barricades.

S5.0 FALL PROTECTION

1. Personnel performing works at a height of six feet or more from any lower level shall comply with OSHA 29 CFR 1926.500 through 1926.503 safety standards for any type of new installations. OSHA 29 CFR 1910-28 shall apply to any type of servicing on previously installed equipment.

2. There are currently no certified anchorage points or permanent guardrail systems on any TYAD roof. Most roofs of the depot are more than 20 feet high.

3. Contractors and their employees must be protected from falling off the edge of the roof, regardless of how briefly the employees are at the edge of the roof.

S6.0 ELECTRICAL SAFETY

Follow the current Tobyhanna Army Depot standard. This standard is based on NFPA 70E.

Copies of the TYAD Electrical standard may be obtained by request from the ET, COR or KO on the project or service contract.

S7.0 DEPOT REQUIRED PERMITS / APPROVALS

Permits are required for:

1. **Excavation**: Contractors must utilize the PA 1 Call system and also coordinate with contracting officer representative (COR) for a TYAD dig permit for any excavations prior to any groundbreaking including digging, drilling and stake driving.

2. **Trenching**: Contractors will adhere to OSHA requirements and receive approval from TYAD Safety office before any trenching deeper than 5 feet is performed. Notifications of such activities will be provided to the COR along with required plans, requests and permits prior to any trenching works being performed. Contractor is responsible for field verifying all utilities and underground entities. Excavation or trench greater than 18 inches in depth that remains open greater than (1) day OR left unattended for any period of time shall have a safety orange construction fence installed around the perimeter of the opening. Caution tape or cones for this purpose is unacceptable.

3. **Confined Space**: All confined space works on TYAD are to be considered as permit required entries, (unless reclassified by the TYAD Safety office,) and Contractor must first request and be provided with an approved "signed" permit from TYAD Safety Office prior to any confined space entry. Contractor will refer to all OSHA requirements and must have a confined space plan and all appropriate safety equipment. Contractor is to request approval from TYAD Safety office through COR prior to entry.

4. **Burning / fire***:* Hot work permits must be obtained daily from the Fire Department.

5. **Cranes:** For use of cranes and all WHE and LHE at TYAD see S.10.13

6. **Army Radiation Permits:** Non-Army agencies (including other military Services, vendors, and civilian contractors) require an Army Radiation Permit (ARP) to use, store, or possess ionizing radiation sources on TYAD (see 32 CFR 655). Non-Army applicants will apply by letter with supporting documentation to the Depot Commander. The letter should be submitted so that the Depot Commander receives the application at least 30 days before the requested start date of the permit. The ARP application will specify start and stop dates for the ARP and describe the intended use of the radioactive material.

For sealed sources of radiation, i.e. Moisture Soil Density Gauges, the application must include a valid Nuclear Regulatory Commission (NRC) Radioactive Materials License that allows the applicant to use the source as specified in the ARP application, current

leak test certificates, operator training records and calibration certificates for any equipment that may be utilized at TYAD.

For machine produced ionizing radiation sources, i.e. X-ray Equipment, the application must include the appropriate state authorization that allows the applicant to use the source as specified in the ARP application along with operator training records and calibration certificates for any equipment that may be utilized at TYAD.

ARPs will not be issued for more than 12 months at a time.

S8.0 CONFINED SPACES

1. All Confined Spaces at TYAD are considered as Permit-Required Confined Spaces unless reclassified by TYAD Safety office after a thorough review of the area and the work being planned.

2. Contractors must first notify the COR and receive TYAD Safety office approvals prior to gaining access or opening any confined space area.

3. Contractors must fully comply with all OSHA regulations for Confined Space Operations, including on-site use and availability of a Confined Space Entry Permit / Checklists, along with prior approvals of their Accident Prevention Plan and associated Activity Hazard Analysis (AHAs) for the work to be performed.

4. The contractor and/or the COR will then notify the TYAD Safety office and TYAD Fire and Emergency Services of the Confined Space Entry timelines and schedules.

5. Upon completion, the contractor will notify the TYAD Safety Office and discuss whether any new hazards were added to the Confined Space and will submit the completed Confined Space Entry Permit / Checklist for record.

S9.0 LOCKOUT/TAGOUT PROCEDURE

1. The Contractor shall perform this work in accordance with 29 CFR § 910.147-The Control of Hazardous Energy requirements.

2. The Contractor shall notify the COR that a lockout/tag out system is going to be used.

3. The contractor is to request the COR to notify them if TYAD is using any lockouts / tag outs in the construction area.

4. The Contractor shall locate and identify all isolating devices.

5. The Contractor shall shut down the equipment normally.

6. The Contractor shall isolate all energy using appropriate methodology.

7. After all work is complete, the Contractor shall remove the energy isolating device and restore the equipment to service.

8. The Contractor shall notify the COR that energy is again restored.

S10.0 PROTECTION TO THE DRINKING WATER SYSTEM

1. The contractor will not perform any work on the depot potable water system until prior approval is obtained from the Environmental Branch and the certified operator through the Directorate of Installation Services COR.

S11.0 PROTECTION OF PERSONNEL

At no time is any depot employee to be put at risk to illness or injury. No construction actions are exempt from this requirement.

1. Where pedestrian and driver safety is endangered, use appropriate traffic barricades. Use anchor barricades to prevent displacement by wind. Institute PA DOT regulations and OSHA requirements. Notify the COR prior to beginning such work.

2. Where demolition is required, a Demolition Plan describing the steps and individual Definable Features of Works (DFOWs) as well as safety protocols, controls and oversight is required to be submitted to the COR for review prior to works being performed. Continuously evaluate the condition of the structure being demolished and take action to protect personnel working around the project site. No structural element will be left standing without sufficient support to prevent collapse.

3. Contractor shall provide personal protective equipment (PPE) and provide training for use, for all visitors requiring entry into the regulated area.

4. Subcontractors, vendors, and delivery personnel are the responsibility of the prime contract and must follow the same regulations the prime contractor does.

S12.0 FIRE AND EMERGENCY SERVICES

Hot Work Permits will be issued by Fire Department upon request. All requests must be made at least thirty (30) minutes prior to the expected start time by contracting the fire department.

1. Contractors are required to have fully charged and operable contractor provided fire extinguisher, in quantities and properly spaced per OSHA requirements that are appropriate for the type of possible fire. Fire extinguisher shall be immediately available for inspection by the fire department upon an inspection of the worksite and shall remain at the work site at all times. At a minimum, 10 pound class 4A, 60B or C multi-purpose dry chemical fire extinguisher or equivalent shall be provided.

2. A fire watch must be in place during the hot work and for 30 minutes after the HWP operation. Upon completion of the thirty (30) minute, post hot work fire watch, the contractor shall contact the fire department to report the work is complete.

3. Use of a plasma torch will require special approval by the fire department.

4. Any fire, even one that is extinguished, must be reported to the fire department.

5. Ambulance services are provided at a cost to contractors. The contracted ambulance service provider will transport to the nearest hospital. Advanced Life Support, helicopter transport, etc. is all at the contractor's expense.

6. The fire department will respond to all fire, ambulance, hazmat and confined space incidents.

S13.0 IF AN INCIDENT HAPPENS

1. **Any serious injury or medical emergency**:
   - Immediately call emergency responders
   - Dial 911 and give accurate location and nature of emergency. Make sure to tell the operator that you are calling from Tobyhanna Army Depot.
   - Send someone to the nearest exit to assist responders.
   - Treat victims to the best of your ability.

- Notify COR / call work order desk at 570-615-7805 if there is any blood or body fluids that must be cleaned up.

2. **In the event of the smell of natural gas:**
   - Call dial 911and give accurate location and nature of emergency. Make sure to tell the operator that you are calling from Tobyhanna Army Depot.
   - Have all personnel evacuate the area if the smell is significant.
   - Upon arrival of fire personnel, provide information as to specific equipment and exact location of potential leak.

3. **In the case of a fire**:
   - If the fire is small, use a fire extinguisher and call 911.
   - Otherwise, dial 911 and pull the fire alarm.
   - Evacuate the building.

4. **Accident/Injury Reports and OSHA 301 Reports**:

The contractor shall report to the COR and KO, - Immediately but no later than eight (8) hours, any Fatality, In-patient hospitalization, Amputation, Eye loss or Property damage over $600,000. Similarly, contractor shall report to the COR and KO, – Immediately, but no later than twenty-four (24) hours, all other accidents or near misses.

Notifications shall be followed up within five (5) working days of all incidents (reportable or not) with an OSHA 301 report including all available facts relating to each instance of personal injuries and of loss / damage to Government property.

For any accident that results in illness or injury that requires more than first aid treatment, TYAD Safety & Health Office has the option to have the contractor immediately secure the accident area until released by the accident investigation authority as designated by the Commander. If the Government elects to conduct an investigation of the accident, the contractor shall cooperate fully and assist authorities until the investigation is complete. If requested after the investigation is completed, the contractor shall provide a Corrective Action Plan related to the incident to the COR & KO.

COR to provide copies of all OSHA 301 incident reports and any Correction Action Plans to the TYAD Safety office when available.

S14.0 CRANE LIFT OPERATIONS AT TOBYHANNA ARMY DEPOT

A Lift Plan for Crane Operations will be submitted to the ET/COR for approval by the TYAD Safety Office *at least 14 days* prior to a lift operation. It will conform to all applicable OSHA regulations and requirements and shall include:

1. A description of the operation to be performed, specific personnel assignments (Lift Director, Safety Coordinator, Operator, rigger, etc.) and signaling and any other details pertaining to activities during the lift.

2. A drawn Site Plan with specifications including work zone, support equipment locations, evacuation area, traffic control, electrical power line clearances (if applicable), lift path, surface conditions at crane location, etc.

3. Training/Certifications (scans) for crane operator and other lift-team members included in the lift operation.

4. Equipment nomenclature and a certificate of comprehensive annual inspection records, including any deficiencies and corrective action.

5. Load chart for crane, with target capacities specific to the crane/boom configuration and lift details clearly marked.

6. Lift calculations, including rigging components and configuration.

7. Weather conditions are always part of the ongoing safety assessment and may result in rescheduling of the lift.

8. Only approved operators are allowed to operate or move the crane for any reason.

A Production Lift Plan pertains to repetitive lifts within a work project and may be outlined with one lift plan depicting the nomenclature and general capacities of the equipment to be utilized. Besides the eight items above, the plan will also include how often the crane will be used and how traffic and personnel safety will be handled. A separate traffic plan will be required for vetting and approval prior to any lifts taking place.

S15.0 APPLICATION OF ANY ODOR PRODUCING MATERIAL

1. Any application of any paint, epoxy, adhesive or anything else that produces an offensive odor must be coordinated with the COR or POC before starting. This is particularly true of the construction work in a building occupied by Tobyhanna employees.

2. It is highly recommended that this type of work be planned for off hours, weekends, or holidays to avoid shutdowns of operations due to these offensive odors. Odors during curing times for products shall also be considered.

S16.0 CONTROL OF RESPIRABLE CRYSTALLINE SILICA

1. Contractors are required to follow the OSHA standard 29 CFR 1926.1153 which requires employers to limit worker exposures to respirable crystalline silica and to take steps to protect their workers and TYAD personnel.

2. Contractors shall establish and implement a written exposure control plan that identifies tasks that involve exposure and methods used to protect workers, including procedures to restrict access to work areas where high exposures may occur.

3. Restrict housekeeping practices that expose workers to silica by utilizing engineering controls such as local exhaust ventilation, using “wet spray” methods when cutting or drilling and providing proper respiratory protection and other PPE as applicable.

S17.0 OPERATION & MAINTENANCE MANUALS

1. The Contractor shall provide to the COR a copy of all Operation and Maintenance (O&M) Manuals and Parts Manuals for any equipment provided.

2. The O&M Manuals shall contain a complete set of mechanical drawings and diagrams; a complete set of electrical drawings and diagrams including electrical schematics; logic circuitry descriptions; spare parts list; operator and maintenance instructions for operating, testing, and maintaining all system components.

3. The O&M Manuals shall contain complete detailed instructions and schedules for system PM.

4. The O&M Manuals shall contain a detailed description of the lock-out/tag-out procedures needed to bring the system and individual components to a zero-energy state for maintenance and servicing.

5. The O&M data must be consistent with the manufacturer's standard brochures, schematics, printed instructions, general operating procedures, and safety precautions.

IN ANY CONFLICT BETWEEN STANDARDS, THE STRICTER OF THE TWO SHALL APPLY. IF UNSURE CONTACT THE COR / ET VIA PROPER RFI PROTOCOLS FOR VERIFICATION THROUGH THE TYAD SAFETY OFFICE.

PART 7 — SECURITY REQUIREMENTS

All Tobyhanna Army Depot (TYAD) contracts documents and other acquisition-related documents must ensure privacy and security controls follow this information, and that contractors, subcontractors, and service providers protect Privacy Act information in the same way the organization adhering to the Federal Acquisition Regulations (FAR) Privacy Act provisions (Subparts 24.1 and 24.2) and include the specified contract clauses (Parts 52.224-1 and 52.224-2), as appropriate, to ensure that personal information is protected as mandated.

Force Protection Condition (FPCON) Should the Force Protection Condition (FPCON) at the installation change, the Government may require changes in contractor security matters and/or processes.

If based on the requirements of this contract, contractor employees may be designated as mission essential. Mission-essential contractor employees are required to report for duty and remain on duty during declared emergencies and/or elevated FPCON levels unless otherwise directed by the Contracting Officer (KO) via the appropriate Contracting Officer's Representative (COR).

Unscheduled gate closures by Law Enforcement may occur at any time causing all personnel entering or exiting a closed installation to experience a delay. This cannot be predicted or prevented. Contractors are not compensated for unexpected closures or delays.

Vehicles operated by contractor personnel are subject to search pursuant to applicable regulations. Any moving violation of any applicable motor vehicle regulation may result in the termination of the contractor employee’s installation driving privileges.

The contractor’s employees shall become familiar with and obey the regulations of the installation, including law enforcement, fire, traffic, safety and security (protecting National security) regulations while on the installation. Contractor employees should only enter restricted areas when required to do so and only upon prior approval. All contractor employees shall carry proper identification with them at all times. The contractor shall ensure compliance with all regulations and orders of the installation which may affect performance.

The contractor, if required, shall provide support during contingencies, exercises, heightened operations, and adverse weather or security closures in the accomplishment of performance requirements. From time to time, the Base Commander may decide to

close all or part of a base in response to an unforeseen emergency or similar occurrence. Such emergencies include adverse weather such as snow, or ice, "an act of God," such as tornado or earthquake, or a base disaster such as a gas leak or fire.

Emergency Communications and Services. If assigned to TYAD for (7) seven days or longer, contractors and subcontractor employees will enroll in the ALERT! Mass Warning Notification System (MWNS). Common Access Card (CAC) is required to register for ALERT!. If a CAC has not been deemed necessary for the contractor or subcontractor, the COR will provide the necessary information to TYADs Antiterrorism Officer or TYADs Emergency Manager in the Security Operations Branch for manual input into the ALERT! System.

ALERT! MWNS is NOT optional - it is a Headquarters Department of the Army (HQDA) requirement to be a registered user.

Due to the life-safety implications of the information being relayed and the requirement to provide immediate alerts and warnings, personnel assigned to TYAD must ensure that their personal contact information, including after-duty hours contact information, as appropriate (e.g., personal cellular phone numbers or landline phone numbers), e-mail addresses, home address, etc., are entered into the system and regularly updated or verified every 90 days to remain current and accurate.

In the event of a life-threatening emergency or natural disaster, COR will account for assigned contractors. COR will send personnel accountability report to Emergency Operations Center (EOC).

Base closure announcements will be disseminated via ALERT! MWNS.

Antiterrorism (AT) Level I Training. In accordance with AR 525-13, all contractor and subcontractor employees requiring access to Army installations, facilities, or controlled access areas shall complete AT Level I awareness training annually. This training must be completed prior to being granted installation access and beginning work. The contractor is responsible for ensuring this requirement is met and for providing certificates of completion for each employee to the COR upon request. The web-based training is available at https://jko.jten.mil (Course: JS-US007).

AT Level I and iWATCH training is not required to be in person. While in-person training is an option, the most common and widely accepted method is web-based. Army regulations explicitly provide multiple ways to meet the training requirement to ensure flexibility for all personnel, regardless of their location or access to a classroom setting.

iWATCH Army Training. This training will be used to inform employees of the types of behavior to watch for and instruct employees to report suspicious activity to the COR. This training shall be completed within 30 calendar days of contract award and within 30 calendar days of new employees commencing performance with the results reported to the COR NLT 30 calendar days after contract award. Contractors and all associated

sub-contractors will be briefed by the TYAD Antiterrorism/Force Protection officer. It is recommended this training be conducted as part of an initial entry briefing or unit/organization newcomer's briefings. Send training requests to TYADs Antiterrorism Officer. Contractor employee training will be documented on a local form.

Access and General Protection/Security Policy and Procedures. Contractor and all associated sub-contractor employees shall comply with applicable installation, facility and area commander installation/facility access and local security policies and procedures (provided by government representative). The contractor shall also provide all information required for background checks to meet installation access requirements to be accomplished by TYAD Law Enforcement. Contractor workforce must comply with all personal identity verification requirements as directed by DoD, HQDA, and/or local policy.

Contractor and all associated sub-contractor employees shall comply with adjudication standards and procedures using the National Crime Information Center Interstate Identification Index (NCIC-III) and Terrorist Screening Database (TSDB) (Army Directive 2014-05/AR 190-13), applicable installation, facility and area commander installation/facility access and local security policies and procedures (provided by the government representative), or, at OCONUS locations, in accordance with status of forces agreements and other theater regulations.

A background check and approval from TYAD Law Enforcement is required for all contractor and subcontractor personnel prior to on-site access at TYAD. All persons seeking entrance to TYAD shall submit to and comply with all security standards and requirements in force at the time such persons are seeking entry. All contractors, regardless of resident status or citizenship, will be subject to vehicle search and intense in-processing by TYAD security personnel prior to being granted access to TYAD. This requirement is inclusive of on-site supervisory or managerial personnel and sub-contractor personnel that the contractor anticipates will be performing work or visiting on-site. This security screening process may be time consuming, and access may be delayed or denied. COR will provide specifics to the contractor after award and at least ten days prior to the expected visit date for completion. This security screening does not relieve the contractor of any responsibilities to conduct thorough pre-employment background checks and drug screening. Contractor workers will **not** be granted access to the work site until security screening is completed and access is approved. Any contractor personnel on-site who fail screening will not be permitted further access to TYAD. Ensure undocumented workers are not included in contracted work related to Army missions.

The company will ensure that its employees entering Army-controlled installations or facilities have obtained access badges and passes in accordance with facility regulations and that these badges and passes are obtained in advance so as not to delay the accomplishment of contracted services.

Pre-Bid Site Visit Controls: Any pre-bid site visits held before the contract award will be conducted under strict security controls. These protocols—including mandatory pre-registration for baseline vetting and constant escorting—apply to all potential bidders, regardless of any previous work history with TYAD or current installation access. During this public solicitation phase, a contractor's prior access or familiarity with the installation does not grant them a "need-to-know" for a new requirement. All bidders will be treated as external entities, and the site visit is strictly for a visual inspection of physical conditions only.

Post-Award Information Release: Conversely, all project specifics—including exact locations, detailed plans, and mission context—can and must be provided to the contractor only after the contract is awarded and their personnel have completed all mandatory security training (AT, OPSEC, CUI). At this stage, the contractor has an established "lawful government purpose," and the controlled release of detailed information is appropriate and necessary for the performance of the contract.

Common Access Card (CAC): *[If applicable.]* Before CAC issuance, the contractor employee requires, at a minimum, a favorably adjudicated National Agency Check with Inquiries (NACI) or an equivalent or higher investigation in accordance with Army Directive 2014-05. The contractor employee will be issued a CAC only if duties involve one of the following: (1) Both physical access to a DoD facility and access, via logon, to DoD networks on-site or remotely; (2) Remote access, via logon, to a DoD network using DoD-approved remote access procedures; or (3) Physical access to multiple DoD facilities or multiple non-DoD federally controlled facilities on behalf of the DoD on a recurring basis for a period of 6 months or more. At the discretion of the sponsoring activity, an initial CAC may be issued based on a favorable review of the FBI fingerprint check and a successfully scheduled NACI at the Office of Personnel Management.

Contractors shall be identified with Government issued identification card (e.g., Common Access Card (CAC) or unit specified identification card). When required, contractor personnel shall comply with local security policies to wear their identification card in a standardized manner, clearly visible attached to the torso of the exterior garment above the belt and below the shoulders except when in use (i.e., inserted in a computer CAC reader) or when in controlled areas requiring other credentials as the primary method of identification. To access any Government base and certain facilities, the contractor shall present required identification card upon demand. Upon exit from Government facilities, the contractor shall conceal their credentials (CAC or other credentials) from plain view. The contractor and Contractor Security Manager/Officer shall coordinate with the COR for Government credential issues.

For contractors that do not require CAC, but require access to a DoD facility or installation: Contractor and all associated subcontractor employees shall comply with adjudication standards and procedures using the National Crime Information Center Interstate Identification Index (NCIC-III) and Terrorist Screening Database (Army

Directive 2014-05/AR 190-13); applicable installation, facility and area commander installation and facility access and local security policies and procedures (provided by Government representative); or, at OCONUS locations, in accordance with status-of-forces agreements and other theater regulations.

Collection of Badges: The Contractor shall account for all forms of Government-provided identification (even visitor badges) issued to the Contractor employees in connection with performance under this contract. The Contractor shall return such identification to the issuing agency at the earliest of any of the following, unless otherwise determined by the Government:

1. When no longer needed for contract performance
2. Upon completion of the Contractor employee's employment
3. Upon contract completion or termination

The Contracting Officer may delay final payment under a contract if the Contractor fails to comply with these requirements. The Contractor shall insert the substance of this clause, including this paragraph, in all subcontracts when the subcontractor's employees are required to have routine physical access to a federally controlled facility and/or routine access to a federally controlled information system. It shall be the responsibility of the prime Contractor to return such identification to the issuing agency in accordance with the terms set forth in of this section, unless otherwise approved in writing by the Contracting Officer. The company will return all issued U.S. Government Common Access Cards, installation badges, and/or access passes to the COR when the contract is completed or when a contractor employee no longer requires access to the installation or facility. Contractor personnel will obtain a vehicle pass for access to the military installation and Common Access Cards for computer access, if applicable.

Threat Awareness and Reporting Program (TARP). *[If applicable.]* For all contractors with security clearances, per AR 381-12, TARP contractor employees must receive initial and annual TARP training by a CI Agent or other trainer as specified.

Insider Threat Program. *[If applicable.]* The contractor will establish and maintain an insider threat program to gather, integrate, and report relevant and available information indicative of a potential or actual insider threat, consistent with E.O. 13587 and Presidential Memorandum "National Insider Threat Policy and Minimum Standards for Executive Branch Insider Threat Programs."

Operations Security (OPSEC). OPSEC is mandatory for all and is not a one-time checklist, it is a dynamic, ongoing process embedded in every phase of planning, execution, and daily operations. It requires continuous critical thinking and vigilance from everyone who interacts with government information or operates on a government installation. This includes military personnel, Department of Defense civilians, contractors, subcontractors, and family members. OPSEC is not just a policy, it's a mindset. Its success depends on consistent awareness and execution by every member of the TYAD community.

At TYAD, all observations, communications, and experiences must be protected and must not be shared with anyone lacking a lawful government purpose or a validated business need-to-know. This disciplined approach ensures that emerging threats, evolving vulnerabilities, and shifting mission parameters are constantly reassessed and addressed to safeguard critical information.

OPSEC applies across the full spectrum of DoD missions, functions, programs, and activities under this contract. Practicing OPSEC daily is a requirement that is essential to mission success and the protection of national security assets.

Failure to properly safeguard sensitive or classified information—whether through negligence, willful misconduct, or ignorance—may result in administrative, disciplinary, contractual, or criminal consequences.

Applicability and Management of the Contractor OPSEC Plan The requirement for an Operations Security (OPSEC) Plan or an OPSEC Standing Operating Procedure (SOP) is based on the contractor's access to and handling of Critical Information and/or Controlled Unclassified Information (CUI), regardless of where that information resides. It is essential to distinguish between Information Security (INFOSEC), which protects data "at rest" within a system, and OPSEC, which protects data "in use" by governing the procedures and actions of personnel.

When contractor personnel generate, access or handle CUI—such as building floor plans, maps, technical manuals, operational schedules, or documents that contain information that falls within a CUI category www.dodcui.mil—they are required to have an approved OPSEC Plan/SOP. Contact the COR for more information on an OPSEC Plan/SOP. This plan is a formal, documented agreement that outlines how the contractor will protect the government's sensitive information. Even when CUI is handled exclusively on Government Furnished Equipment (GFE), the contractor remains responsible for the "human factor." The OPSEC Plan transfers the responsibility for protecting this information from the Government to the contractor by legally obligating them to establish internal procedures for everything from secure physical storage and controlled discussions to the proper destruction of materials. Without this plan, the Government retains all risk for how a contractor safeguards its data.

The management and approval of the contractor's OPSEC Plan is a shared responsibility, with defined roles at each stage. Per government acquisition and security policy, it is the Contracting Officer's Representative (COR) who is ultimately responsible for the initial identification and final enforcement of this requirement. The process is as follows: **The COR (designated technical representative) identifies the need for an OPSEC Plan based on the work described and writes the requirement into the specification document/checks this off on the Security Review Cover Sheet. After contract award, the COR enforces this by ensuring the contractor submits the plan on time.** The Contracting Officer (KO) ensures the requirement is legally binding in the final contract and is the sole authority to take contractual action for non-compliance.

Finally, the Government OPSEC Officer, as the technical expert, is responsible for reviewing the submitted plan against AR 530-1 and providing the formal approval or rejection back to the COR.

Mandatory Annual OPSEC Training Requirements. In accordance with AR 530-1 (4-2-a), all contractors and subcontractors shall complete OPSEC Level I certification training annually (Initial and Continual – detailed below).

The Contracting Officer's Representative (COR) serves as the oversight authority: the COR verifies contractual compliance by collecting and reviewing certificates, ensuring they're submitted within the required timeframe – first 30 days of assignment.

According to AR 530-1 (para 4-2) and DoDM 5205.02, there is no "grace period" or minimum number of days on-site before OPSEC Level I Initial and Continual training becomes mandatory—any contractor, subcontractor, or support-service provider who requires access to TYAD information, systems, or facilities must complete both parts of their OPSEC Level I training.

OPSEC Level I training is comprised of two parts (Initial and Continual):

1. OPSEC Level I **Initial** training (annual):
    a. To be completed within first 30 days of assignment to TYAD and annually thereafter – preferably before the job starts
    b. Provides specific information about TYADs OPSEC program
    c. Contractors and subcontractors must set up an appointment with TYADs OPSEC Officer for Initial training. The COR will provide the necessary point of contact to schedule this training.
    d. Conducted by TYAD's OPSEC officer or alternate – training can be in person or via MS Teams (30 minutes) and is tracked by a TYADs OPSEC Officer via a local training form
2. OPSEC Level I **Continual** training (annual):
    a. Commonly referred to as annual OPSEC training
    b. To be completed within 30 days of assignment to TYAD and annually thereafter – preferably before the job starts
    c. Provides general information about OPSEC and reemphasizes sound OPSEC practices throughout the contract period
    d. Title of the training is: "OPSEC Awareness for Military Members, DoD Employees and Contractors" and is available online - https://securityawareness.dcsa.mil/opsec/index.htm
    e. Certificates of completion must go to the COR

OPSEC Measures to Protect Critical Information. All personnel are required to protect critical information at all times and in all forms. This section is critical because it moves beyond a simple, vague requirement to "practice OPSEC" and provides the contractor with specific, actionable, and enforceable rules of behavior.

All contractors and subcontractors shall implement the following mandatory OPSEC measures during the entire period of performance to protect critical and sensitive unclassified information:

1. Training and Compliance: Complete all mandatory OPSEC training as specified in this contract and actively apply all TYAD OPSEC measures in daily, contract-related operations.
2. Secure Communications: Avoid discussing government operations in public spaces or over unprotected communications (e.g., personal cell phones). Transmit Controlled Unclassified Information (CUI) only through authorized, encrypted channels as directed in the specification document = DoD Safe Access File Exchange (SAFE) is the accredited method for sending files that contain CUI, Personally Identifiable Information (PII), or other sensitive data that should not be transmitted over unencrypted, commercial email channels. The files are encrypted during the transfer process.
3. Public Release and Social Media Prohibition: Do not disclose or post any images, data, or operational details (e.g., maps, pictures, schedules, equipment, tactics) to any unofficial media, including personal or corporate social media platforms. All information or materials intended for public release require a documented OPSEC review by a TYAD certified OPSEC Level II reviewer. Coordinate all press releases through the COR and TYADs Public Affairs Office.
4. Reporting Requirements: Immediately report any attempts by unauthorized third parties to solicit sensitive information to the TYAD Security Operations Branch, the contract POC, and the contractor's Facility Security Officer (FSO).
5. Credential Control: Conceal or remove all government-issued badges and identification when off the installation. Do not duplicate, loan, or leave credentials unattended (CACs, badges, and/or parking passes or placards). Report any lost or stolen passes/badges/credentials to TYAD Law Enforcement Branch. The COR will provide all POC contact information.
6. Protection of Sensitive Data: Mark and protect internal company data related to this contract (e.g., schedules, deliverables, vulnerability reports) as CUI. All government-provided information, such as drawings and technical data, must be protected in accordance with DoD, Army guidance and guidance within contract package documents.
7. Information Disposal: At contract completion or upon Government request, return all government information to the COR or destroy it in accordance with approved TYAD procedures for handling CUI.

Photography or Videography. Contractors and subcontractors who take photos or video at TYAD must notify their COR at least fourteen business (14) days in advance and complete OPSEC Level I Initial training. The COR will provide the contractor with the security branch’s points of contact after the contract is awarded. All individuals must follow TYAD policy regarding photography/videography and the use of personal electronic devices.

All photos and videos must undergo an OPSEC Review—per AR 530-1 Chapter 4—to evaluate them against TYAD's Critical Information List and identify any vulnerabilities. That review must be fully documented and signed off by a TYAD employee who holds OPSEC Level II certification before disseminated.

COMMUNICATIONS SECURITY (COMSEC) *(If applicable)* All telephonic and electronic communications with DoD organizations are subject to Communications Security (COMSEC) review and monitoring. The contractor is advised that any calls placed to or received from a DoD organization may be subject to monitoring and recording. The contractor shall ensure frequent dissemination of this notice to all employees who communicate with DoD personnel.

(This section must be in the final contract) - Information Security (INFOSEC). The contractor shall comply with all applicable regulations for the protection of government information. Information handled under this contract is categorized as either Controlled Unclassified Information (CUI) or Classified National Security Information (CNSI).

Controlled Unclassified Information (CUI) The handling, marking, safeguarding, and destruction of all CUI shall be in strict accordance with DoD Instruction 5200.48, *Controlled Unclassified Information (CUI)*. Specific contractor responsibilities are detailed in the "Safeguarding CUI" section of this document.

CUI Training Requirement Any contractor or subcontractor personnel who will generate or have access to CUI under this contract must complete mandatory CUI training prior to accessing such information. The "DoD Mandatory Controlled Unclassified Information (CUI) Training" course available on the DCSA CDSE Security Awareness Hub (https://securityawareness.dcsa.mil/cui/) satisfies this requirement. Completion certificates shall be provided to the COR upon request.

Contractor Responsibilities for Handling CUI – even if it is their own information that must be controlled (example: Personal Identifiable Information, etc.). Contractors are responsible for handling CUI when it is created, collected, or maintained in performance of a government contract. The contractor shall comply with all CUI requirements outlined in Executive Order 13556 and 32 CFR Part 2002. www.dodcui.mil The contractor's responsibilities include, but are not limited to:

- Marking: Applying uniform CUI markings to all CUI data and deliverables.
- Access Controls: Restricting CUI access to personnel with a lawful government purpose and validated need-to-know.
- Flow Down: Ensuring all CUI protection requirements are passed down to subcontractors.
- Physical Safeguarding: Implementing appropriate physical controls (e.g., locked storage, controlled-access areas) for all CUI, whether in hard copy or on electronic media.
- Incident Reporting: Reporting any actual or suspected loss or compromise of CUI to the COR immediately.

- Disposition: Returning all CUI to TYAD control or destroying it in accordance with DoD and Army guidelines upon contract completion.

Classified National Security Information (CNSI) *(If applicable)* If this contract requires access to CNSI, all such information shall be handled, stored, and protected in strict accordance with AR 380-5, *Army Information Security Program*, the National Industrial Security Program Operating Manual (NISPOM), and the security classification guidance provided in the DD Form 254 issued for this contract.

SECURITY CLEARANCES AND ACCESS TO CLASSIFIED INFORMATION *(If applicable)* Performance of this contract requires contractor access to Classified National Security Information. The definitive guidance for classification requirements is provided in the DD Form 254, *Contract Security Classification Specification*, which is attached to and made a part of this contract.

The contractor shall comply with FAR 52.204-2, *Security Requirements*, the Security Agreement (DD Form 441), and the National Industrial Security Program Operating Manual (NISPOM). The contractor is responsible for ensuring all personnel who require access to classified information possess the appropriate security clearance and need-to-know before access is granted.

Physical Security.

Safeguarding of Government Property The Contractor shall be responsible for safeguarding all government equipment, information, and property provided for Contractor use. At the close of each work period, government facilities, equipment, and materials shall be secured.

Key Control - The Contractor shall establish and implement methods of making sure all keys and key cards issued to the Contractor by the Government are not lost, misplaced, or used by unauthorized personnel.

- No keys issued by the Government shall be duplicated.
- The Contractor shall develop a key control procedure, to be included in their Quality Control Plan, which includes procedures for the turn-in of keys by personnel who no longer require access.
- The Contractor shall immediately report any lost or duplicated keys to the Contracting Officer (KO). In the event a key is lost or duplicated, the Government may, at its option, re-key or replace the affected locks, and the total cost shall be deducted from the monthly payment due to the Contractor.

Lock Combinations The Contractor shall establish and implement methods to ensure that lock combinations are not revealed to unauthorized personnel when applicable. The Contractor shall ensure combinations are changed when personnel with knowledge of the combination no longer have a need-to-know.

PART 8 — APPLICABLE PUBLICATIONS

- 8.1 FAR Part 12 (Acquisition of Commercial Items)
- 8.2 FAR Part 11 (Describing Agency Needs)
- 8.3 U.S. Army Corps of Engineers Safety and Health Requirements Manual (EM 385-1-1)
- 8.4 Army Physical Security Program (AR 190-13)
- 8.5 Army Information Security Program (AR 380-5)

PART 9 – DELIVERABLE SCHEDULE

Specification Document Para	Deliverable Title	Frequency	Copies	Format	Recipient
1.5.1	Quality Control Plan	10 days after award	1	Electronic	KO via COR
S3.0 & S4.0	Site-Specific Safety & Accident Prevention Plan (w/ JHA/AHA)	Prior to installation	1	Electronic	KO/TYAD Safety via COR
S14.0	Crane Lift Plan	14 days prior to lift (if required)	1	Electronic	KO/TYAD Safety via COR
Part 7	Security Training Certificates (AT Level 1, iWATCH, OPSEC)	NLT 30 days after award	1 Set	Electronic	COR
1.7.1	Safety/Accident Prevention Plan	Prior to installation	1	Electronic	KO via COR
5.2.1	Hardware Manuals	At time of delivery	2 Sets	Electronic and Hard Copy	KO via COR
5.2.4	Commercial Warranty Documentation	At time of delivery	1	Electronic	KO via COR
1.4	As Built Drawing Package	After installation	2 Sets	Electronic and Hard Copy	COR
1.4	User Manuals	Prior to installation	2 Sets	Electronic and Hard Copy	COR
1.4	Specification Sheets	Prior to installation	1 set	Electronic	COR
1.4	Recommended Spare Parts List	Prior to installation	1	Electronic	COR
1.4	Material Safety Data Sheets	Prior to installation	1 set	Electronic	COR

1.4.1.4	Design Submission Schedule	NLT 30 days after award	1	Electronic	KO via COR
1.4.1.5	Design Submittals	IAW Design Submission Schedule	1 set	Electronic	COR
1.4.1.9	Training Documentation	Prior to training	2 Sets	Electronic and Hard Copy	COR