

Department of Homeland Security
United States Coast Guard



Statement of Work
For

USCG Station Lorain Security System with
CCTV Project
Solicitation 70Z03026QCLEV0071

USCG Training & Logistic Center Lorain
110 Alabama Ave.
Lorain, OH 44052

August 2026

STATEMENT OF WORK (SOW)
FOR
USCG Station Lorain CCTV & IDS Install

1. GENERAL

United States Coast Guard (USCG) is planning to enter negotiations with a contractor. The purpose of this project is to define the tasks, responsibilities, deliverables and performance requirements for the installation and maintenance of 12 high-definition closed-circuit television (CCTV) cameras and supporting infrastructure as well as an intrusion detection system. Prior to submitting a quote, it is mandatory to examine this SOW, and it is highly recommended to visit the facility to take field evaluations and become familiar with the existing condition under which the work will be performed. After the award of the contract, a pre-conference will be held prior to starting the work at the Unit.

2. BACKGROUND

Station Lorain requires a modern CCTV surveillance and Intrusion Detection System (IDS) to enhance security. The system will consist of 12 cameras with advanced features and intrusion detection on all external doors, windows and main entry gate.

3. OBJECTIVE

To install a reliable, AI-enabled CCTV and IDS that provides 24/7 surveillance, remote viewing capabilities, main entry gate access control, and intrusion detection with battery backup for continuous operation during power outages. **The project also includes replacement of existing exterior door cipher locks with CAC-enabled access control points and installation of one new CAC-enabled access control point at the warehouse exterior door.**

4. SCOPE

~~The scope of work includes the design, supply, installation, testing, and commissioning of a CCTV system with 12 cameras and an Intrusion Detection System (IDS) covering all external doors and windows, as well as an access control system for the main entry gate at the Lorain facility. Specifically for the main entry gate, the contractor shall install new dual authentication entry pads Common Access Card (CAC) reader combined with a PIN pad on both the exterior and interior sides of the gate. The contractor must provide all necessary equipment, labor, and materials except as specified as Government Furnished.~~ **The scope of work includes the design, supply, installation, testing, and commissioning of a CCTV system with 12 cameras, an Intrusion Detection System (IDS) covering all external doors and windows, an access control system for the main entry gate, and CAC-enabled access control points for designated exterior doors at the Lorain facility. Specifically for the main entry gate, the contractor shall install new dual-authentication entry pads consisting of a Common Access Card (CAC) reader combined with a PIN pad on both the exterior and interior sides of the gate. The contractor shall also replace the**

three existing exterior door cipher locks with CAC reader access points and install one additional CAC reader access point at the warehouse exterior door. The contractor must provide all necessary equipment, labor, and materials except as specified as Government Furnished.

Installation Requirements

- i. Conduct site survey to determine optimal camera placement for coverage and performance.
- ii. Install cameras, Network Video Recorder (NVR), cabling, mounts, power supplies, and any required network switches or Power over ethernet (Poe) injectors.
- iii. Label all cables, components, and ports for easy maintenance.
- iv. Ensure all cameras are properly aimed, focused, and configured to capture required fields of view (license plates and occupant faces).
- v. Perform system configuration, testing, and optimization for reliable operation.

System requirements

- i. Twelve (12) CCTV cameras with minimum full HD 1080 p or higher resolution.
- ii. License plate recognition (LPR) of moving vehicles (minimum 20 MPH).
- iii. Facial identification of drivers in vehicle cabins.
- iv. Night Vision and wide dynamic range capabilities for low-light and high contrast environments.
- v. Weatherproof (ip66 or higher) and vandal resistant (ik10 or higher) enclosures.
- vi. All cameras and equipment provided for this project must be manufactured either in the United States of America (USA) or in designated countries in accordance with the World Trade Organization Government Procurement Agreement (WTO GPA) Trade Agreements Act (TAA) and the United States-Korea Free Trade Agreement (KORUS FTA). Additionally, the manufacturer must provide a letter certifying compliance with the National Defense Authorization Act (NDAA) requirements.
- vii. Network Video Recorder (NVR) or equivalent system with capacity to store at minimum 30 days of continuous video footage from all cameras at full resolution.
- viii. Redundant power supply and surge protection for all components.
- ix. All required network cabling (Cat6 or higher), connectors, conduit, mounts, junction boxes, and supports.

- x. All Cameras shall have rotation and magnification functions.
- xi. Remote viewing capability.

Access Control Requirements

- i. Contractor shall remove and replace three existing exterior door cipher locks with CAC-enabled access control points.
- ii. Contractor shall install one new CAC-enabled access control point at the warehouse exterior door.
- iii. CAC reader access points shall be compatible with Government-issued Common Access Cards and any existing or newly installed access control management system required for full functionality.
- iv. Contractor shall provide all required access control hardware, wiring, power supplies, controllers, door hardware, mounting hardware, conduit, cabling, and related components necessary for a complete and operational installation.
- v. Contractor shall ensure each access-controlled door maintains required egress functionality and complied with applicable life safety, fire code, and accessibility requirements.
- vi. Contractor shall coordinate final locations, configuration requirements, and acceptance testing with the COR or designated POC prior to installation.
- vii. Contractor shall label all access control cabling, components, controllers, and connection points for future maintenance.
- viii. Contractor shall test and demonstrate proper operation of each CAC reader access point in the presence of the COR or designated POC.

Testing and acceptance

- i. Contractor shall demonstrate full system functionality upon installation completion to verify successful operation in the presence of the COR or POC.
- ii. Contractor shall demonstrate that all CAC reader access points operate as intended, including successful access authorization, denial of unauthorized access, and proper door locking and release functions.
- iii. Contractor shall verify that all access-controlled doors maintain code-compliant emergency egress functionality.
- iv. Contractor shall correct any deficiencies related to the CAC reader access points at no additional cost to the Government prior to final acceptance.

- v. All cameras must display clear, high-quality images that meet the performance requirements of the SOW.
- vi. The system shall be operated continuously for a 21-day performance verification period with no critical errors or downtime.
- vii. Any deficiencies identified during this period shall be corrected at no additional cost.
- viii. Final acceptance will be granted after successful completion of the 21-day error free operation test.
- ix. Site visit should be arranged with the Contracting Officer's Representative (COR) – Jeremy.L.Jarrett@uscg.mil or 206-815-2854.

Training/ Maintenance & Support

- i. Contractor shall provide comprehensive training for client's designated personnel to include system operation and live monitoring, video playback and export, routine maintenance procedures, basic troubleshooting and reporting issues.
- ii. Training materials (user manuals, quick-reference guides, ETC.) should be provided in both print and digital form.
- iii. Contractor shall provide 24/7/365 technical support for maintenance, troubleshooting, and general repairs.
- iv. Preventative maintenance shall be performed quarterly, including system health checks, cleaning of camera lenses, firmware updates and verification of recording functionality.
- v. Contractor shall provide training on the operation, administration, and basic troubleshooting of the CAC reader access points.
- vi. Contractor shall provide documentation for the CAC reader access points, including user manuals, maintenance instructions, configuration guides, and warranty information in both print and digital form.
- vii. Preventative maintenance shall include verification of CAC reader operation, door locking hardware, access control power supplies, and related system components.

1) GOVERNMENT FACILITIES AND UTILITIES:

- i. Electrical power is available on the site. The Contractor will be permitted to utilize these utilities in performing the work, provided that the existing systems are not overloaded.
- ii. Telephone services will not be available for use by the contractor
- iii. Building restroom facilities are available for use.

2) MATERIALS AND LOCATIONS:

Materials shall be delivered to the jobsite in their original unopened packages, clearly marked with the manufacturer's name, brand name, and description of contents. Storage shall be in accordance with manufacturers' recommendations in a clean, dry, well-ventilated area. Stored materials shall be protected from sunlight and kept away from excessive heat. The contractor shall not store any highly flammable materials in the work area. Sufficient area for staging is available on site; storage areas will be pre-approved by the Contracting Officers' Representative (COR). The Contractor is required to comply with local VOC laws and regulations. All applicable Material Safety Data Sheets shall be available upon request.

- 3) SCHEDULE OF WORK: Completion of work shall be accomplished within 45 calendar days from acceptance of submittals. The Contractor shall perform all work during normal base work hours. The base normal working hours are 8:00 am to 4:00 pm, Monday through Friday, but the contractor is not limited to these hours. If the contractor is going to work outside normal working hours, prior permission must be obtained from the COR.
- 4) EXISTING CONDITIONS: The contractor is expected to satisfy himself as to the existing conditions and the work to be performed. The contractor shall verify all dimensions and equipment data prior to ordering materials and commencement of work.
- 5) LIABILITY OF CONTRACTOR: Any damage to government property caused by the contractor shall be repaired or replaced by the contractor at no cost to the government. The contractor shall not disconnect any service without approval from the COR.
- 6) INSPECTION AND ACCEPTANCE: The COR will accomplish inspection and acceptance of work.
- 7) SAFETY: The Contractor is wholly responsible for work site safety. The Contractor shall implement a safety program that protects the lives and health of personnel in the construction area, prevents damage to property, and avoids work interruptions. To accomplish this end, the Contractor shall provide appropriate safety barricades, signs, signal lights, etc. as well as complying with the requirements of all Federal, State and Local safety laws, rules and regulations.
- 8) ENVIRONMENTAL COMPLIANCE: Any waste generated as a result of the project shall either be recycled IAW CIM 16455.10 or be disposed of IAW the Resource Conservation and Recovery Act (RCRA). Any Hazardous Waste shall be manifested off site with Station listed as the Generator and signatory. Any hazardous waste shall be analyzed, characterized, stored and disposed of IAW RCRA and all applicable federal, state (i.e. DOT) and local laws and ordinances. All solid waste/trash shall be removed from site and not disposed of in onsite dumpsters. All installation related solid waste shall be removed from the site after each working day. All extra chemicals and products shall be removed from the site upon work completion. Laydown areas will be approved on a case-by-case basis by the Contracting Officers Representative. Any damage to vegetated areas shall be repaired and reseeded by the Contractor. Nothing shall be

discharged to a storm drain at any time during the project. All storm drains within range of a potential discharge shall be covered/sealed during installation and kept covered until the work has been completed and the system has been deemed fully operational and compliant with all applicable CG policies/plans/permits/laws/ordinances. All storm drains and waterways within range of a potential discharge shall be covered/sealed or protected by silt fence. Draining of chemicals/fluids/petroleum shall not be allowed onsite.

- 9) SITE RESTORATION & CLEAN UP: The work site shall be cleaned up at the completion of each workday. The Contractor shall take special care to contain dust while working. Upon completion of the job, the Contractor shall clean up the job site, returning it to a state of cleanliness equal to or exceeding that in which it was found. The Contractor shall properly dispose of all removed equipment, trash, extra materials, dirt, debris, or other litter. There will be no final acceptance of the contract until the Contracting Officer's Representative (COR) approves the appearance of the job site.
- 10) GOVERNMENT FACILITIES AND REGULATIONS: The Contractor, their employees, and any sub-contractors shall become familiar with and obey all Unit regulations. All personnel employed on the project shall keep within the limits of the work area and shall not enter any other area outside of the work site unless to do so in the performance of their duties. There shall be No Smoking in any Coast Guard Building. All smoking must be done in the designated smoking area.
- 11) CONTRACT TIMELINE: The Contractor shall provide all required information and complete this contract within this time schedule, unless approved by the Contracting Officer.
 - i. Provide all required submittals to the Contracting Officer within 7 calendar days after the contract award.
 - ii. The U.S. Coast Guard will have 7 calendar days to review the submittals and respond to Contractor.
 - iii. The Contractor shall provide projected delivery schedule during proposal and provide a firm delivery date within 21 calendar days after the contract has been awarded.
 - iv. The Contractor, upon receiving notification that the U.S. Coast Guard has approved the submittals and having received the Contractors firm delivery date schedule, will have 14 Calendar days to begin work on the project and have the project completed within 21 calendar days. The Contractor shall notify the Contracting Officer of any long lead time delivery of equipment, so that the Contracting Officer can modify the delivery date of the contract.
- 12) SUBMITTALS:

Once awarded, the following list of submittals required for approval defines the specific minimum requirements for this contract. The submittal shall contain sufficient information that can be used to determine compliance with the material within these specifications and referenced specifications.

 - i. Tradesman Qualifications/Certifications
 - ii. Product Cut Sheets

- iii. Shop Drawings
- iv. Access control system product cut sheets, including CAC readers, controllers, power supplies, door hardware, and related components.
- v. Access control wiring diagrams and installation drawings.
- vi. Manufacturer documentation confirming CAC reader compatibility and applicable compliance requirements.
- vii. Proposed access control testing and commissioning plan.