

STATEMENT OF WORK
FOR
Vindicator Intrusion Detection System Installation Services

Vindicator Enrollment Equipment Installation Services

Access Entry Control System Installation Services

20th Medical Group
SHAW AIR FORCE BASE, SOUTH CAROLINA

24 August 2022

TABLE OF CONTENTS

1.0	DESCRIPTION OF WORK
2.0	GENERAL INFORMATION
3.0	SPECIAL QUALIFICATIONS
4.0	HAZARDOUS MATERIALS
5.0	MATERIAL RECYCLING
6.0	CLEAN UP
7.0	COORDINATION WITH OTHER CONTRACTORS
8.0	FIRE PREVENTION
9.0	NO SMOKING POLICY
10.0	PERFORMANCE OF WORK DURING NATIONAL CRISES
11.0	REFERENCE: SPECIFICATIONS, STANDARDS AND HANDBOOK

1. DESCRIPTION OF WORK: This Statement of Work (SOW) describes the Government's requirement for the purchase and installation of an intrusion detection system (IDS) designed to meet the physical security compliance requirements of the Air Force Instruction (AFI) 31-101 and Intelligence Community Directive (ICD) ICD-705, Shaw AFB specification. The Contractor shall provide all necessary infrastructure upgrades to support system operations and shall integrate approved Government Furnished Property/Equipment (GFP/GFE) into the system. The Contractor shall provide all ancillary equipment, materials and/or supplies needed for the installation and associated infrastructure. The Contractor shall ensure that the system delivered under this contract consists of already proven (qualified) Commercial Off The Shelf (COTS) equipment from **the Intrusion Detection System Equipment List (IDSEL) published by Air Force Security Forces Center (AFSFC) (hereafter referred to as the "Approved Equipment List (AEL)") installed in the approved and tested configuration**; and/or, non-AEL COTS IDS equipment proposed, qualified and proven by the Contractor and accepted (Approved) by the Government as satisfying system requirements. The Contractor shall conduct equipment production qualification test and acceptance testing and support Government operational evaluation for non-AEL IDS equipment (as applicable) in accordance with SOW requirements. The Contractor shall perform Contractor Verification Testing of the system and subsystems to include information assurance verification and stability testing. Contractor shall validate Contractor supplements to commercial technical manuals, and support all phases of Government acceptance testing and provide site -specific training personnel. The Contractor shall provide factory equipment staging services, onsite Programming, testing, and training for Vindicator equipment. The Contractor shall provide project management for sub-contractors and onsite personnel.

1.1 GENERAL REQUIREMENTS INTRUSION DETECTION SYSTEM (IDS): Contractor shall procure and install DOD approved IDS equipment, that complies with Safety/Duress procedures of the 20th Medical Group, the Mental Health Clinic, and Family Advocacy Program of at Shaw AFB, SC. All required items must be surface mounted to the max extent in order to preserve structure integrity. Only if surface mounting is not sufficient, then the contractor shall pair penetrations as possible. When installed the network of Passive Infrared Sensors (PIR) must view all areas to include above ceiling tiles, subfloor (below raised floor tile), and wherever else necessary to ensure 100% coverage of the area from intrusion. Furthermore, the contractor shall ensure the IDS is integrated into the Shaw Air Force Base Vindicator IDS head end monitoring equipment for security reporting and alerting, and annunciate at the Base Defense Operations Center (BDOC). Contractor shall protect the cabling between the sensors and the annunciator (called the detection loop) for the IDS. IDS cabling may be routed in rigid pipe (e.g., metal conduit or polyvinyl chloride (PVC)), flexible semi-rigid conduit, or equivalent raceways. These materials must comply with national electric code standards.

1.2 ACCESS ENTRY CONTROL SYSTEM (AECS) REQUIREMENTS: The contractor shall procure and install a DOD approved ACES, that complies with Safety/Duress procedures of the 20th Medical Group (Bldg 1042), the Mental Health Clinic, and Family Advocacy Program of Shaw AFB, SC. By separating the Mental Health and Family Advocacy alarms into two separate projects, the 23 Mental Health duress alarms/buttons will transmit to the correct receiver located within Mental Health, and the 5 Family Advocacy duress buttons transmit to the correct Family Advocacy receiver. Contractor will procure and install electric strikes and perform any necessary wall alterations as required. In order to tie into the main electrical panel, the contractor shall install the master control panel in the front desk tech area

(room F202A) to replace existing receiver. The contractor shall install the appropriate number of duress buttons in each patient care room, to include the conference room and Mental Health Break Room. The contractor shall add the second panel in the FAPA area of Family Advocacy (room F240A). A receiver does not currently exist in that area, so the contractor shall install and run all wires as appropriate for the 5 duress buttons to be replaced in that area and connected to said receiver. An industrial grade network switch shall be provided by the contractor to communicate to the BDOC NIPRnet. Tamper protection to resist and detect all attempts to access, bypass, spoof, or otherwise sabotage the system shall be provided by the contractor. Contractor will install a tamper resistant "Emergency Egress" button that will disarm system during an emergency.

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1.3 ANNUNCIATOR REQUIREMENTS: The contractor shall meet the following annunciation requirements:

- The CCDE shall be installed in accordance with OEM instructions and Section 4 ESE-SIT-0001.
- The CCDE shall provide error detection, line supervision, and system control continuously.
- The CCDE shall display the following:
 - The status either automatically as changes occur, or when manually initiated by the operator.
 - The highest priority alarm, according to user-defined parameters, in the queue regardless of arrival sequence.
 - The alarm type, physical location, and sector or zone.
 - At a minimum display the highest five (5) alarms text in the queue.
 - Graphics for all alarms received.
 - Alarm priority as programmed by the system administrator.
 - Up to five (5) simultaneous alarms within (5) seconds.
- The CCDE shall have 100% tamper detection and the capability for a duress alarm, 100% correct annunciation of alarms
- The CCDE shall archive and store all status changes and operator actions including maintenance periods, alarms, and sensor access attempts.
- Removable, non-volatile, mass storage media shall be located at the user console.
- Internal storage shall have a minimum 30-day capacity.
- The CCDE shall have a re-initialization time of less than ten (10) minutes.
- Text, graphics indications, and total system status shall update automatically when changes occur or when requested by the operator.
- Visual indications shall include access/secure/alarm conditions, video loss, line supervision status, power source in use, and self-test indications, through the use of text and graphics.
- The CCDE shall conduct system tests and diagnostics which are automatically and randomly generated every six to eight hours and/or manually generated by the operator at any time.
- The CCDE shall provide unique audible tones for sensor alarm conditions and other changes in the status.

1.4 AECS function: All existing access control devices, as well as any new feeds added under this statement of work, must be integrated and functional in the existing enrollment station and provide all peripherals necessary for operation. The contractor shall provide a Vindicator AE AES ACS v5 panel, and 14U locking 4-post cabinet with tamper switches. The contractor shall provide KVM Extenders to remote the desktop/enrollment peripherals. Cabinet tampers will be terminated to the AECS V5 panel. The

contractor shall provide a battery backup for the provided equipment for a calculated 4-hour battery run time.

2.0. GENERAL INFORMATION:

2.1 NORMAL HOURS OF OPERATION. The Government's normal duty hours are five days per week, Monday through Friday, from 7:30 AM to 5:00 PM. However, the Command Post functions on a 24/7 operations schedule.

2.1.1. RECOGNIZED HOLIDAYS. Any of the below holidays falling on a Saturday will be observed on the preceding Friday; holidays falling on a Sunday will be observed on the following Monday.

New Year's Day	1 January
Martin Luther King's Birthday	Third Monday in January
President's Day	Third Monday in February
Memorial Day	Last Monday in May
Juneteenth	19 June
Independence Day	4 July
Labor Day	First Monday in September
Columbus Day	Second Monday in October
Veterans Day	11 November
Thanksgiving Day	Fourth Thursday in November
Christmas Day	25 December

2.2 SECURITY REQUIREMENTS FOR UNCLASSIFIED CONTRACTS. The following security requirements are required in Shaw AFB Statement of Works (SOWs) and Performance Work Statements (PWSs) when contract work does not involve access to classified information.

2.2.1. LISTING OF EMPLOYEES. The contractor shall maintain a current listing of employees. The list shall include the employee's name, social security number and type of investigation if contract work involves unescorted entry to Air Force controlled/restricted areas or other sensitive areas designated by the installation commander. The list shall be provided to the Program Manager and sponsoring agency's Security Manager. An updated listing shall be provided when an employee's status or information changes.

2.2.2. PASS AND REGISTRATION ITEMS. The contractor shall ensure the pass and registration items required for contract performance are obtained for employees. Contractor must coordinate with the contract POC to submit initial request for installation identification to 20th Security Forces Squadron, no later than one (1) week following contract award. Furthermore, Contractor must coordinate with the contract POC fourteen (14) days prior to individuals requiring entry to installation. This is achieved when the contractor submits to the contract POC completed forms with Subject line "Contractor(s) needing access to Shaw", for each individual employee requiring access, for the period of contract performance. This form is provided as "Attachment 2 Shaw AFB Access Request for Contractors." All forms will be filled out in their entirety and sent to the contract POC at least (21) days before the start of the project. These forms will be coordinated by email with Shaw Air Force Security Forces and in turn coordinated with the contractor's representative. An updated listing shall be provided when an employee's status or information changes. Contractors cannot sponsor other contractors on base. Only government employees (military or civilian) are authorized to sponsor contractors.

NOTICE: All contract employees shall submit to a criminal background check accomplished by Shaw Air Force Security Forces prior to the employee being issued base access credentials. Requested information shall be submitted by completing the aforementioned form on each individual person requiring access. Failure to submit requested information as indicated can result in denial or delay of issuing base access credentials.

2.2.3. RETRIEVING IDENTIFICATION MEDIA. The contractor is responsible for retrieving all identification media from employees who depart for any reason before the contract expires; e.g. terminated for cause, retirement, etc. The contractor shall return retrieved items to the Security Forces Pass and Registration Office.

2.2.4. WEAPONS, FIREARMS, AND AMMUNITION. Contractor employees are prohibited from possessing weapons, firearms, or ammunition, on themselves or within their contractor-owned vehicle or privately-owned vehicle while on Shaw Air Force Base.

2.2.5. FOR OFFICIAL USE ONLY (FOUO). The contractor shall comply with DoD 5400-7-R, Chapter 4, DoD Freedom of Information Act (FOIA) Program, requirements. This regulation sets policy and procedures for the disclosure of records to the public and for marking, handling, transmitting, and safeguarding FOUO material.

2.2.6. REPORTING REQUIREMENTS. Contractor personnel shall report to an appropriate authority any information or circumstances of which they are aware may pose a threat to the security of DOD personnel, contractor personnel, resources, and classified or unclassified defense information.

2.2.7. PHYSICAL SECURITY. The contractor shall be responsible for safeguarding all government property and controlled forms provided for contractor use. At the end of each work period, all government facilities, equipment, and materials shall be secured.

2.2.8. KEY CONTROL. Key issue is not necessary as the contractor is expected to perform within the normal hours of operations specified in Section 2.1. During this period on-duty personnel will ensure all necessary areas will be accessible.

3. SPECIAL QUALIFICATIONS:

3.1. CONTRACT MANAGER. The contractor shall provide a contract manager who shall be responsible for the performance of the work. Prior to start of the contract, the name of this person and alternate(s) who can act for the contractor when the manager is absent shall be designated in writing to the Contracting Officer. The contractor shall submit, in writing, to the Contracting Officer any management personnel change within one business day of the change.

3.1.1. The contract manager or alternate shall be available via telephone within one (1) business day to meet with Government personnel designated by the Contracting Officer to discuss problem areas.

3.1.2. The contract manager and alternate(s) shall be able to read, write, speak, and understand English at high school level.

3.2. EMPLOYEES: The contractor shall provide all personnel, equipment, tools, materials, management, training, installation, operations, supervision, logistics support and other items as defined in this SOW. The contractor technical personnel will be certified by Vindicator Security Solutions Technical Services group to install and maintain Vindicator Intrusion Detection Systems and Vindicator Command and Control Systems. Contractor shall provide employees qualified to perform electrical and electronic troubleshooting, repair, testing, diagnostics and proprietary programming of Vindicator based annunciators.

3.2.1. Contractor personnel shall present a clean, neat appearance and be easily recognized. The contractor shall furnish each employee with an identification badge. The badge shall contain as a minimum, a picture of the person, the person's name, and the name of the contractor. All badges shall be uniform, worn on the outer clothing, and be visible at all times. All employees that come in contact with Government personnel in the performance of their duties shall be able to understand and speak English. Under the Immigration and Nationality Act (INA), employers may hire only persons who may legally work in the United States (i.e., citizens and nationals of the U.S.) and aliens authorized to work in the U.S. The employer must verify the identity and employment eligibility of anyone to be hired (Ref: U. S. Department of Labor: <http://www.dol.gov/compliance/guide/aw.htm#whowhich>)

4.0 Hazardous Materials (HM): Air Force Manual 32-7002, Environmental Compliance and Pollution Prevention, requires that all Hazardous Materials (HM) used on the base will be tracked by the HM database, EESOH-MIS (AF Enterprise Environment, Safety, and Occupational Health Management Information System). This includes HM used by any Contractor while working on Shaw AFB property. Prior to using any HMs on base, the Contractor shall provide the following information to the HAZMART (bldg. 231, phone 803-895-9931/9932/9933) for authorization prior to use: Base Project Name, Contract Number, HM Use Location(s), Safety Data Sheet (SDS), Material Container Size, and Usage Data. (such as 1-gallon per week or 3-pints per month, etc.). This requirement applies to all contractors, including construction, performing studies or tests and service contractors, such as janitorial and maintenance. All SDS's and quantities used are required to be submitted to the HAZMART (bldg. 231, 895-9931/9932/9933) for authorization and approval prior to use. This shall be done PRIOR to the start of this contract. If you require assistance, please contact HAZMART at (803) 895-9931/9932/9933.

4.1. The generation of hazardous waste is not expected from this contract, however it is the responsibility of the contractor to determine if hazardous waste is generated from contractor operations. Shaw AFB Environmental Compliance (20 CES/CEIEC) will assist with determination if requested by the contracting officer. Proper disposal of any Hazardous or Universal waste, generated by the contractor, is the responsibility of the contractor. All such waste must be removed from the installation before the end of the contract period of performance. The generation of universal waste (including but not limited to mercury containing light fixtures) is probable under this contract. The contractor shall manage and dispose of all universal waste in accordance with South Carolina Department of Health and Environmental Control (SC DHEC) and 40 CFR Part 273, Universal Waste Rules. Fluorescent and HID lamps (including CFLs), ballasts, thermostats, smoke detectors, mercury-containing equipment, emergency light batteries and other potentially hazardous waste will be removed, packaged and stored on site until ready for disposal in accordance with applicable regulations under Resource, Conservation and Recovery Act (RCRA), Toxic Substances Control Act (TSCA), and SC DHEC regulations.

4.2. The contractor shall ensure that all personnel involved in the generation or handling of any Hazardous or Universal Waste are appropriately trained to safely and legally manage the waste in accordance with the State of South Carolina and Federal regulations.

5. MATERIAL RECYCLING: The contractor shall recycle wastes generated at Shaw to the maximum practical extent. Disposal of all waste shall be in accordance with federal, state and local regulations. When disposing of any waste material, the Contractor shall only use SC State permitted landfills.

6. CLEAN UP: The contractor shall keep interior and exterior of the contractor's office/maintenance location and all work areas and storage areas free from accumulation of waste material and rubbish. Upon completion of the job, the contractor shall leave the work area and surrounding premises in a clean, neat, workmanlike condition and in accordance with commercial practice.

7. COORDINATION WITH OTHER CONTRACTORS: The Government may undertake or award other contracts for additional work. The contractor shall cooperate with the other contractors and Government employees and adapt scheduling and performing the work under this contract to accommodate the additional work, heeding any direction that may be provided by the Contracting Officer. The contractor shall not commit or permit any act that will interfere with the performance of work by any other contractor or by Government employees.

8. FIRE PREVENTION: The contractor is responsible for following fire prevention practices and procedures. The contractor shall provide approved storage facilities meeting National Fire Code 30, Flammable and Combustible Liquids Code, requirements for storage of flammable materials.

9. NO SMOKING POLICY: The contractor and employees shall comply with policies stating, smoking is prohibited within any Air Force Facility and use designated outdoor smoking areas.

10. PERFORMANCE OF WORK DURING NATIONAL CRISIS. In accordance with DODI 3020.37 "Continuation of Essential DoD Contractor Services During Crises", services or any specifically designated portions of the functions accomplished under this contract shall be performed during all wartime operations, natural disasters, medical evacuations, or pandemics such as COVID-19. Wartime operations are those actions including wartime commitments and contingency planning and exercises necessary to support current or future United States Air Force wartime commitments. Contractor personnel will be advised of the functions that will be continued during these related contingencies.

11.0 REFERENCE: SPECIFICATIONS, STANDARDS AND HANDBOOK

- ESE-SIT-0001 1 Mar 13 *Standardized Electronic and Security Equipment Siting and Design Guidance for Permanent Installations*
(Copies of above documents are available from AFLCMC/HBU, 3 Eglin Street, Bldg. 1612, Hanscom AFB, MA 01731-2100.)
- Unified Facilities Criteria (UFC)
(Copies of above document are available at: http://www.wbdg.org/references/pa_dod.php)
- UFC 3-260-01(UFC) 17 Nov 08, *Unified Facilities Criteria Airport and Heliport Planning and Design*
(Copies of above document are available at:
http://www.wbdg.org/ccb/DOD/UFC/ufc_3_260_01.pdf)

- UFC 4-021-02 [or UFC 4-021-02NF] 1 Oct 13 *Electronic Security Systems*
(Copies of above document is available at: http://www.wbdg.org/ccb/browse_doc.php?d=6982)
- UFGS various *Unified Facilities Guide Specifications (UFGS)*
(Copies of above document are available at: http://www.wbdg.org/references/pa_dod.php)
- NTIA "Red Book" Chapter 10 May 14 *Manual of Regulations and Procedures for Federal Radio Frequency*
(Copies of above document are available at: <http://www.ntia.doc.gov/page/2011/manual-regulations-and-procedures-federal-radio-frequency-management-redbook>)
- UFGS - 32 31 13.53 Apr 08 *Unified Facilities Guide Specifications High Security Chain Link Fences and Gates*
(Copies of above document are available at: http://www.wbdg.org/ccb/browse_cat.php?c=3)
- EIA-649B 1 Apr 11 *National Consensus Standard for Configuration Management (Adopted by DoD 01 Feb 99)*
(Copies of above document are available through: <http://www.techamerica.org/>)
- MIL-HDBK-61A 7 Feb 01 *Configuration Management Guidance*
(Copies of above document are available at: <http://www.product-lifecycle-management.com/mil-hdbk-61a-00.htm>)
- MIL-STD-130N 16 Nov 12 *DoD Standard Practice, Identification w/Change 1 Marking of US Military Property*
(Copies of above document are available at: http://www.acq.osd.mil/dpap/pdi/uid/docs/mil-std130N_ch1.pdf0)
- MIL-STD-461F 10 Dec 07 *Requirements for the Control of Electromagnetic Interference Characteristics of Subsystems and Equipment*
(Copies of above document are available at: <http://nvlpubs.nist.gov/nistpubs/SpecialPublications/NIST.SP.800-53r4.pdf>)
- DAFI 31-101 25 Mar 22 *Integrated Defense*
(Copies of above document are available from Customer)
- AFH 36-2235, VOL 10, 1 Nov 02 *Information for Designers of Section A Instructional Systems Application to Education*
(Copies of above document is available at: <http://www.au.af.mil/au/awc/awcgate/edref/afh36-2235v10.pdf>)
- AFPAM 63-113 17 Oct 13 *Program Protection Planning for Life Cycle Management*
(Copies of above document is available at: http://www.e-publishing.af.mil/?txtSearchWord=AFPAM63-113&client=AFPW_EPubs&proxystylesheet=AFPW_EPubs&ie=UTF-8&oe=UTF-8&output=xml_no_dtd&site=AFPW_EPubs&btnG.x=9&btnG.y=)
- AFI 33-580 17 Jan 13 *Spectrum Management*
(Copies of above document is available at: http://static.e-publishing.af.mil/production/1/saf_cio_a6/publication/afi33-580/afi33-580.pdf)

- Non-Nuclear Configuration Management Database (CMD) approved equipment list 8 Nov 21
- TO-00-35D-54 w/Change 1 15 Mar 06 *Technical Manual, USAF Deficiency Reporting and Investigating System*
(Copies of the above document is available at:
<http://www.tinker.af.mil/shared/media/document/AFD-090609-032.pdf>)
- SAE AS5553 02 Apr 09 SAE International Standard, AS5553, Counterfeit Electronic Parts: Avoidance, Detection, Mitigation, and Disposition
(Copies of above document are available at: <http://standards.sae.org/as5553/>)
- NIST Special Publication 800-53 Rev 4 30 Apr 13 *Security and Privacy Controls for Federal Information Systems and Organizations*