

STATEMENT OF WORK (SOW)

FTFA 25-CB20, Replace Fiber Optic Cable and Conduit, Site

C-6

Construction

21 July 2025

PART 1 GENERAL

- 1.1 **GENERAL INTENTION:** Replace underground and above ground raceways (conduits) and replace the fiber optic cables supporting the four exterior security cameras for the VICADS system.
- 1.2 The new fiber optic cabling is to be connected to the existing four cameras. The fiber optic cabling shall not contain any metallic elements in order to maintain electrical isolation.
- 1.3 Before excavating, a Ground Penetrating Radar survey shall be done for the entire underground route for the fiber optic cabling.
- 1.4 Provide 2" PVC Schedule 80 conduit for all underground conduit runs and route the conduit at 36" below finished grade. Detectable marking tapes shall be placed above all underground conduit runs.
- 1.5 Provide As-Built drawing/s showing the following:
 - (1) Provide a Scaled Site Plan showing the new fiber optic cable routing, handholes & pull boxes, roads, and Site C-6 buildings.
 - (2) Where fiber optic cabling is terminated inside buildings, it shall be shown on scaled building floor plans.
 - (3) The As-Built drawings shall be provided in the following file formats: AutoCAD & PDF. Also, two paper copies of the As-Built drawings (Arch B size drawings) shall be provided. The AutoCAD and PDF files shall be provided on a CD.
- 1.6 Provide new 6-strand fiber between Camera 1 and Camera 3 (approx. 500ft), Camera 2 and Camera 3 (approx. 400ft), and between Camera 4 and the main building (approx. 1400 ft).

Replace the current 8 strand fiber from Camera 3 into the main building (approx. 800 ft) with a 12 strand OM1 Multimode fiber.

1.7 Replace all existing conduit runs with new conduit.

Demolish existing conduit off the fence and leave existing buried conduits Abandoned in Place (AIP).

Drawing on attached Sketch #1 shows the proposed route of the conduits.

Install new galvanized rigid conduits along the fence where able and new 2-inch PVC for all buried conduit runs.

All new buried runs will have a Ground penetrating Radar survey completed to look for any buried hazards or cables as well as use any site documentation. Conduits will be buried 36 inches below finished grade with detectable marking tape placed 3 inches above conduits.

With driveway cuts, the asphalt will have to be cut 24 inches wide to accommodate new asphalt installation. New asphalt will be 3 inches thick and a new crushed fill base of 3 inches will be installed below that. Attempt to keep concrete curbs intact during the installation.

1.8 For conduit replacement, assume approx. 40% hand dig of buried conduit, especially in areas around powerhouse and into main building. The contractor will repair the open driveway cuts as soon as possible.

1.9 Provide labor and materials as required to support the requirements of this SOW.

2.0 The contractor shall include all user-defined requirements, these requirements will be provided at the predesign bid meeting and in the field. This contract shall require the execution of construction for the work described in this SOW.

2.1 All work required by this SOW shall comply with the latest edition of the NEC and all materials used shall be U.L. listed.

2.2 Project to include equipment and labor as required for removing the existing fiber optics and conduits and installing the new fiber optics and conduits.

2.3 PERIOD OF PERFORMANCE (POP): **120** Calendar Days.

2.4 **GENERAL DESCRIPTION:** The contractor shall provide material cut sheets for the fiber optic cabling to be installed by this contract. And the construction shall comply with all the codes and standards referenced by this SOW.

2.4.1 In addition to construction conferences, coordination conferences may be held from time to time as required by the Contractor or the Air Force. The contractor may request such conferences when it is deemed necessary by both parties to clarify the work. The Contractor shall be responsible for making memoranda for record of any conversations and minutes of any meetings with Government personnel concerning this project. The Contractor shall forward one copy of these memoranda/minutes to each party concerned and one copy to the Government.

2.4.2 Prospective bidder is expected to visit the areas of work and verify all conditions and dimensions. Submitting a bid will be construed that such examination has been made and later claims for labor, materials, or equipment required for difficulties encountered and/or oversights will not be accepted.

2.4.3 It may become necessary from time to time for the Government to stop the contractor from working due to high priority or sensitive missions. The contractor will cease work as directed by the contracting officer. The contractor may be required to repair or replace items within the scope of the contract to support the continued operation of Site C-6 during this time as directed by the contracting officer. For each calendar day and/or portion of a calendar day the contractor is removed from the job site, the contract schedule will be adjusted by one calendar day.

2.4.4 Any required outages shall be established for times that are agreeable to both the contractor and the government.

2.4.5 The Contractor shall furnish sufficient technical, supervisory, and administrative personnel at all times to ensure prosecution of the work in accordance with the delivery schedule. Professional level skills and management practices are required in the performance of this contract. The Contractor shall establish an effective quality control program to assure that the end product meets professional standards and complies with the contract requirements.

3.1 PREPROPOSAL PRECONSTRUCTION CONFERENCE: Eglin Contracting Office will establish a conference date to include a site visit, with prospective contract bidders.

4.1 SITE INSPECTION: Contractor to visit areas of work and verify all conditions and dimensions.

5.1 STORM PROTECTION: Should warnings of winds of gale force or stronger be issued, the contractor shall take every practical precaution to minimize danger to people, to the work, and to adjacent property. These precautions shall include closing all openings, removing all loose materials, tools, and equipment from exposed locations, and removing or securing scaffolding and other temporary work.

6.1 INTERFERENCE WITH STATION OPERATIONS: Permission to interrupt or alter traffic or service patterns shall be requested in writing at least 15 working days prior to the date of the desired interruption or alteration. Permission to interrupt or alter any utility, communications, or operations shall be requested in writing at least 90 working days prior to the date of the desired interruption or alteration. The Contractor shall receive approval in writing from the Contracting Officer before the requested interruption may be put into effect. Any required outage shall be approved by the Contracting Officer in writing.

7.1 CHEMICAL LATRINE: The Contractor shall provide, at no additional cost to the government, a minimum of one chemical latrine, and additional latrines at one per 12 workmen, where needed. The latrine(s) will be at the job site for the duration of the contract performance period. The latrine(s) shall be serviced as often as required for sanitary conditions, but in no case shall servicing be less than once per week. Servicing shall comply with all applicable federal, state, and local laws, ordinances, and regulations. The latrine waste shall be disposed of legally off government lands.

8.1 WORK CLEARANCE: The Contractor shall be responsible for obtaining and having filled out form AF Form 103, Base Civil Engineering Work Clearance Request. No site work shall be done until this form is complete.

9.1 SCHEDULING: The Contractor shall submit a schedule of proposed work to the Contracting Officer. The schedule shall show the proposed activities, including locations where work is planned and planned shutdown of equipment. All work sequencing and phasing is subject to the approval of the Contracting Officer.

TERMS AND CONDITIONS:

Suspension of Work: The Government may order the Contractor, in writing, to suspend, delay, or interrupt all or any part of the work of this contract for the period of time that the Government determines appropriate for the convenience of the Government. If the performance of all or any part of the work is, for an unreasonable period of time, suspended, delayed, or interrupted (1) by an act of the Government in the administration of this contract, or (2) by the Government's failure to act within the time specified in this contract (or within a reasonable time if not specified), an adjustment shall be made for any increase in the cost of performance of this contract (excluding profit) necessarily caused by the unreasonable suspension, delay, or interruption, and the contract modified in writing accordingly. However, no adjustment shall be made for any suspension, delay, or interruption to the extent that performance would have been so suspended, delayed, or interrupted by any other cause, including the fault or negligence of the Contractor, or for which an equitable adjustment is provided for or excluded under any other term or condition of this contract. A claim shall not be

allowed -- (1) For any costs incurred more than 20 days before the Contractor shall have notified the Government in writing of the act or failure to act involved (but this requirement shall not apply as to a claim resulting from a suspension order); and (2) unless the claim, in an amount stated, is asserted in writing as soon as practicable after the termination of the suspension, delay, or interruption, but not later than the date of final payment under the contract.

Contractor's Access to Base and Site C-6: The contractor shall obtain base and Site C-6 identification and vehicle passes, if required, for all contractor personnel who make frequent visits to or perform work on the Air Force installation(s) cited in the contract. Contractor personnel are required to wear or prominently display installation identification badges or contractor-furnished, contractor identification badges while visiting or performing work on the installation. The contractor shall submit a written request on company letterhead to the Government listing the following: contract number, location of work site, start and stop dates, and names of employees and subcontractor employees needing access to the base. The letter is required regardless of the length of visit and will also specify the individual(s) authorized to sign for a request for base identification credentials or vehicle passes. The Government will endorse the request and forward it to the contract specialist for processing into the Security Forces data base. Contractors requiring base access for meetings or site visits must complete the Eglin CAB (Contractor Access Badge) Affidavit. Contractors requiring access to work on base will need to complete the Eglin CAB Affidavit and a Form I-9 (Employment Eligibility Verification). These documents must be delivered to the Eglin AFB the Visitors Center Pass and ID Office located at the Armament Museum in a sealed envelope with a point of contact (POC) and phone number on the front of the envelope. You may also mail or FEDX the documents to: 96 Security Forces Squadron, Bldg 272, 302 West D Ave, Eglin AFB FL 32542, Attn Pass & Registration. Anticipate a three-day lead time for Security Forces to process the documents and conduct the required background check. Once the background check is complete, a copy will be returned to the POC listed on the envelope. The prime contractor can provide paperwork for their subcontractor(s) and submit as many documents per envelope as necessary. When reporting to the registration office, the authorized contractor individual(s) should provide a valid driver's license, current vehicle registration, valid vehicle insurance certificate and social security card to obtain a vehicle pass. All deliveries to contractor work sites on Eglin AFB main base must go through the Haul Road Gate, located off SR-85 South. Trucks trying to enter the East, West or the ACC gate will be turned around and told to use the Haul Road Gate. Contractors' work trucks carrying equipment and tools are also required to use the Haul Road.

During performance of the contract, the contractor shall be responsible for obtaining required identification for newly assigned personnel and for prompt return of credentials and vehicle passes for any employee who no longer requires access to the work site. When work under this contract requires unescorted entry to controlled or restricted areas, the contractor shall comply with [AFI 31-101, Volume 1, The Air Force Installation Security Program](#), and [AFI 31-501, Personnel Security Program Management](#) citing the appropriate paragraphs as applicable. Upon completion or termination of the contract or expiration of the identification passes, the prime contractor shall ensure that all base identification passes issued to employees and subcontractor employees are returned to the issuing office. Failure to comply with these requirements may result in withholding of final payment.

END OF STATEMENT OF WORK

ATTACHMENT A - SKETCH



Key

- 1 inch Rigid Conduit on Fence
- 2 inch Rigid Conduit on Fence
- 2 inch PVC Conduit Buried
- Small Pull Box
- Large Pull/Splice Box

Eglin AFB Site C-6

Eglin Territory Site C-6 Rd

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