STATEMENT OF WORK

FOR

MROTC Surveillance Upgrade

Prepared by

OBCA / PZIMA
Date 12/11/2025

PREAMBLE

Commander's Safety Intent

The safety of everyone on Tinker AFB is our top priority. All Individuals must accept personal responsibility for safety and seek opportunities for improving the safety of our work environment. Everyone working on Tinker AFB is challenged to find, fix (if able) and report all hazards and near-misses. It is our shared duty to take every reasonable step and precaution to prevent accidents and preserve the health/safety of each Contractor and Government employee.

1 SCOPE. This Statement of Work (SOW) establishes the requirements for the Maintenance, Repair, and Overhaul Technology Center (MROTC) Surveillance Upgrade. The scope includes the procurement, delivery, installation, and performance verification of the upgraded camera system within Buildings [redacted], located at [redacted]. Furthermore, this project includes the installation of the primary server at Building 3001, [redacted], located at [redacted], Tinker Air Force Base, Oklahoma.

2 REQUIREMENTS

2.1 General. The Contractor shall be responsible for ensuring all services, parts and components provided under this contract are in accordance with (IAW) the terms and conditions outlined in this SOW.

2.2 Item Description. The 76th AMXG / [redacted] is requesting to purchase the MROTC Surveillance Upgrade. The scope of this upgrade includes the following:

- Installation of a new Avigilon NVR server in Building 3001[redacted]
- Installation of cameras in MROTC buildings [redacted]

2.2.1 The required specifications for the Surveillance upgrade are listed below

(1) One (1) 96 tera byte, 2U Rack mount; 5 yr onsite tech support, 4 Hardware Managed Consoles (HMC), UNITY8-ENT - Unity Enterprise camera channel software Avigilon Unity Video software

(2) Six (6) Unity Enterprise camera channel ENT

(3) Five (5) 32C-H5A-4MH - 4X8MP; WDR; 360 degrees max FOV; light catcher; 3.3-5.7MM; camera only

(4) Five (5) H5AMH-AD-PEND1 - Outdoor pendant mount adaptor; for use with Avigilon H5A multi-sensor.

(5) Five (5) H5AMH-DO-COVR1 - Dome bubble and cover; for outdoor surface mount or pendant mount; clear; for use with the Avigilon H5A multi-sensor

(6) Five (5) WLMT-1001 - Wall mount for large pendant camera

(7) Five (5) PLMT-1001 - Pole mount for large PENDT WLMT-1001

(8) Five (5) POE60U-1BTE - Gigabit 802.3bt 60W PoE injector; indoor single port

(9) Five (5) H4AMH-AD-IRIL1 - Optional IR illuminator ring; up to 30m (100ft); for use with H4AMH-DO-COVR1

(10) Five (5) Outdoor rated POE switch large temperature range

(11) Five (5) Power supply for media converter

(12) One (1) 24C-H5A-3MH - 3X8MP; WDR; 270 degrees max FOV; light catcher; 3.3-5.7MM; camera only

(13) One (1) H5AMH-AD-PEND1 -Outdoor pendant mount adapter; for use with the Avigilon H5A multisensory

(14) One (1) H5AMH-DO-COVR1 - Dome bubble and cover; for outdoor surface mount or pendant mount; clear; for use with the Avigilon H5A multisensory.

(15) One (1) WLMT-1001 - Wall mount for large pendant camera

(16) One (1) POE60U-1BTE - Gigabit 802.3bt 60 W PoE Injector; indoor; single port

(17) One (1) CRNMT-1001 - Corner mount for Large PENDT WLMT-1001

(18) One (1) H4AMH-AD-IRIL1 - Optional IR illuminator ring; up to 30m (100ft); for use with H4AMH-DO-COVR1.

(19) One (1) Ethernet PoE switch – 16 ports Update 19 based recommendation from contractor

(20) One (1) 12 port fiber aggregate switch ES-12F Update 20 based recommendation from contractor

(21) The contractor shall meet the following requirements for equipment calibration:

a. Affix a calibration sticker to the MROTC Surveillance Upgrade equipment upon completion of service.

(22) The contractor shall provide a standard 1 year warranty.

2.3 Contractor Requirements

- The Contractor shall provide Delivery, Offloading, Installation, Performance Verification, Calibration and provide a standard 1 year warranty.

- The Contractor shall make all necessary adjustments to the MROTC Surveillance Upgrade until the item is fully operational IAW the Original Equipment Manufacturer (OEM) specifications and what is stated in this SOW.

2.4 Installation: The Contractor shall be responsible for delivery and installation required to provide the Government with a full operational MROTC Surveillance Upgrade that is ready for immediate operation. This shall include the following:

2.4.1 The Contractor shall be responsible for delivery to Buildings [redacted], and 3001 [redacted] at Tinker Air Force Base, OK. (FOB Destination), to include all required permits In Accordance With (IAW) Department Of Transportation (DOT) standards, to the installation area and the surrounding MROTC area IAW Attachment 1. Contractor shall be responsible for offloading equipment, and procuring any special equipment needed including man lifts /or rigging needed to remove MROTC Surveillance Upgrade items from the transport vehicle/trailer and placement in the designated installation area.

2.4.2 The contractor shall install a new Avigilon NVR server in Building 3001[redacted] that will [redacted] the MROTC cameras and connect to the [redacted] for the monitoring of the MROTC building and surrounding area

2.4.3 The Government will provide a power source within 25 feet of the MROTC Surveillance Upgrade installation area. The Contractor is responsible for the final power connection, which must be performed by a licensed electrician in accordance with Tinker Facility Standards and Tinker Electrical Standards.

2.4.4 The Contractor shall verify to the Government SME / MOC personal that the system is working as requested IAW standards listed in 2.4.2. and IAW the OEM's specifications. In addition, the Contractor shall demonstrate to the Government SME that the MROTC Surveillance Upgrade is working with a visual inspection and verification before leaving the facility.

2.5 Calibration

2.5.1 The Contractor shall provide commercial calibration and certification on six (06) cameras installed for the MROTC Surveillance Upgrade and the corresponding digital force meter for the changes in Engineering MROTC Surveillance Upgrade.

2.5.2 The contractor shall meet the following requirements for equipment calibration:

- Affix a calibration sticker to the MROTC Surveillance Upgrade equipment upon completion of service.

2.5.3 Certificate of Traceability: The Contractor shall provide a Calibration Certificate of

Traceability to the GPOC for the MROTC Surveillance Upgrade. The certificate shall include the following information as a minimum:

a. The title, e.g. “Calibration Report” or “Calibration Certificate”.

b. The name and address of the laboratory and the location of where the calibration was completed if it is different from the equipment location of Bldg. 3001, [redacted] OC-ALC, Tinker Air Force Base (AFB), Oklahoma (OK).

c. Unique identification of the calibration report or certificate (e.g., the serial number) on each page as an identifier to ensure the page is recognized as a part of the calibration report or certificate. Each page of the calibration report or certificate shall also be numbered, if applicable, as page one (1) of XX pages. The end of the report or certificate shall be annotated clearly on the last page “End of the Calibration Report/Certificate”.

d. The name and address of the customer. Note: A requirement for the name and address may be waived with customer coordination/concurrence.

e. Identification of the method used to perform the calibration of the equipment. Note: The calibration report or certificate shall identify the method used in a manner similar to the following examples: A calibration procedure number; an American Society for Testing and Materials (ASTM), International Electro-technical Commission (I EC) or other standard specification, or a narrative description of the method used (i.e. compared with laboratory standard X at 10 points (between 10% and 100% of full scale).

f. A description of the condition of the equipment and an unambiguous identification of items calibrated.

g. The date of the receipt of calibration items where this is critical to the validity and application of the results and the dates the calibration was performed.

h. Reference to the sampling plan and procedures used by the laboratory or other bodies where these are relevant to the validity or application of the results. Note: The calibration report of certificate might not reference a sampling plan as sampling plans rarely apply to calibration; sampling plans normally are used in testing laboratories.

i. The calibration results with, where appropriate, the units of measurement. Note: Units of measurement would be appropriate if needed by the User (calibration factors, correction factors, etc.) to operate the Test, Measurement and Diagnostic Equipment (TMDE).

j. The printed names and functions as well as the legible signatures or equivalent identification of the persons authorizing the calibration report or certificate.

k. Where relevant, a statement to the effect that the results relate only to the items calculated.

l. The conditions (e.g., environmental) under which the calibrations are completed, which may have an influence on the measurement results.

m. Note: A calibration report or certificate which contains a statement of compliance with the

original manufacturer's specifications (with any exceptions or limitations noted) may satisfy this requirement.

n. This evidence shall be so stated in the calibration report or certificate.

2.5.4 **Completion of Calibration Services:** The Contractor, upon completion of the calibration services, shall demonstrate to the GPOC and Government Subject Matter Expert (SME) that all aspects of the system are calibrated and are properly functioning IAW the manufacturer's specifications, industry standards and this PWS.

2.6 MROTC Surveillance Upgrade Performance Verification

After installation, the Contractor shall demonstrate that the MROTC Surveillance Upgrade meets or exceeds all OEM specifications and the requirements listed in section 2 of this SOW. Contractor shall be present for entirety of acceptance testing. The contractor shall verify clean fiber connections from each pole back to MROTC data closet.

3.0 On-Base Requirements

3.1 Environmental Protection & Safety: The Contractor shall be knowledgeable of and comply with all applicable federal, state, and local laws, regulations, instructions and requirements regarding environmental protection and occupational safety and health. The Contractor shall comply with any laws, instructions, or regulation changes during the term of this contract. Contractors shall be compliant Tinker Air Force Base (TAFB) Supplement to Air Force Instruction (AFI) 32-7086, "Hazardous Materials Management", Tinker AFB procedures per Tinker Air Force Base Hazardous Waste Management Plan (TAFB HWMP), and Complex procedures per Oklahoma City Air Logistics Complex (OC-ALC) Sup to AFI 32-7086, "Hazardous Material Management" and OC-ALCI 32-101 "Air Quality Record Keeping Procedure". Publications are available digitally on e-Publishing website at www.e-publishing.af.mil for downloading or ordering.

3.1.1 Hazardous Material (HAZMAT): If no HAZMAT will be brought on base or used in performance on this contract, the Contractor shall certify "No HAZMAT will be brought on base" or "No HAZMAT Usage" by official correspondence. This certification shall be provided to the GPOC within ten (10) days after the award of contract. Upon / receipt of the certification, the requirements of this section no longer apply. Appropriate penalties for the Contractor, or administrative and disciplinary action for the latter shall be assessed if found in violation of above certification.

The Contractor shall not store chemicals or hazardous material (HAZMAT) on Tinker AFB. Contractors shall be compliant with HAZMAT management procedures per Oklahoma City Air Logistics Complex (OC-ALC) Supplement to AFI 32-7086, "Hazardous Materials Management". The Contractor shall maintain a log of all HAZMAT that is used on base. This usage log shall be provided to the GPOC monthly, the last business day of each month, or when the required work is completed. The GPOC will forward the records to the Unit Environmental Coordinator (UEC) no later than the fourth (4th) day of the following month or the first (1st) subsequent business day.

3.1.2 Safety Data Sheet (SDS) and Labeling: Upon GPOC receipt of the "No HAZMAT Usage" certification, the requirements of this section no longer apply.

The Contractor shall not transport, ship, or use any chemical, material or substance used in the performance of this PWS on Tinker AFB before written approval is provided by 72 ABW/CEIE, Natural Infrastructure Management (Environmental Compliance). The Contractor shall submit to the GPOC, ten (10) calendar days after contract award date all Safety Data Sheets (SDSs) and a completed OC-ALC Form 152, SDS Information Sheet. The Contractor shall receive approval from the GPOC prior to shipping any chemical, material, or substance to Tinker AFB. A copy of the manufacturer SDS shall accompany the shipment. Contractor shall comply with the effective dates for SDS requirements IAW the Occupational Safety and Health Administrations (OSHA) Hazardous Communication Standard, Title 29, Code of Federal Regulation (CFR) Part 1910.1200. The Contractor shall ensure containers of hazardous chemicals are labeled with the following information, prior to shipping to Tinker AFB IAW OSHA Hazardous Communication Standard, Title 29, CFR Part 1910.1200 (2012): product identifier; signal word; hazard statement(s); precautionary statement(s); pictogram(s); and name, address and telephone number of the chemical manufacturer, importer, or other responsible party. The GPOC will forward all SDS submittals to 72 ABW/CEIE for approval. A current manufacturer SDS shall be submitted to the GPOC if the Contractor changes manufacturer or vendor for any chemicals that were prior approved. The Contractor shall maintain copies of manufacturer SDSs for all chemicals and SDSs shall be readily accessible at all times by Contractor personnel as well as government employees.

3.1.3 Hazardous Waste: If no HAZWASTE will be generated during performance of this contract, the Contractor shall certify "NO Hazardous Waste Generation" by official correspondence. This certification shall be provided to the GPOC within ten (10) days after award. Upon COR receipt of the "No Hazardous Waste Generation" certification, the requirements of this section no longer apply. Appropriate penalties for the Contractor, or administrative and disciplinary action for the latter shall be assessed if found in violation of above certification.

The Contractor shall dispose of contaminated solid waste, spent or processed chemical solutions, used rags and hazardous waste in government furnished waste containers located in the shop or area the work is being performed. The Contractor shall notify the GPOC if the required waste containers are not available on site.

3.1.4 Discharges: Any discharges into Tinker's industrial waste treatment plant (IWTP) or sanitary sewer shall be approved and done IAW Tinker Industrial Wastewater Discharge Permit as instructed by 72 ABW/CEIE, Natural Infrastructure Management (Environmental Compliance). Notice of intent documentation shall be provided to the GPOC within ten (10) days of the award. The GPOC will submit the required notice of intent documentation to the UEC for 72 ABW/CEIE approval. The Contractor shall not discharge into IWTP and sanitary sewer prior to approval issued by 72 ABW/CEIE. The Contractor shall maintain records of written approval issued by 72 ABW/CEIE for discharges into IWTP and sanitary sewer.

3.1.5 Off-Site Discharges: For dischargers outside of Tinker AFB, the Contractor shall ensure wastewater discharges, that may contain pollutants resulting from any contracted service, go to a state or federally permitted treatment facility such as a municipal Publicly Owned Treatment Works (POTW). The Contractor shall provide official correspondence ten (10) calendar days after contract award date to the GPOC from the POTW that states the POTW is permitted for all pollutants that the Contractor may discharge during the contracted service.

3.1.6 Spills: Upon occurrence of any spill that could enter the storm system or cause any harmful environment effects, the Contractor shall immediately call 911 to report the incident. When possible, the Contractor shall use a base telephone to receive help from Tinker AFB 911. If

using a cell phone, the Contractor shall request Tinker AFB 911. The Contractor shall immediately report all environmental violations to the GPOC and UEC. The Contractor shall provide five (5) copies of a typed or written report about the incident within four (4) clock hours as follows:

One (1) copy to CO, two (2) copies to the GPOC, a copy for UEC and one (1) copy for record. The format of the report shall be left up to the Contractor, but the report shall contain the following information:

1.) Name and contact number of people reporting the spill
2.) Date and time of incident
3.) Location and source of spill
4.) Substance or pollutant spilled
5.) Amount spilled and rate of discharge
6.) Any damage or injuries involved
7.) Extent of area impacted
8.) Potential hazards
9.) Actions taken
10.) Organizations contacted
11.) Remarks Section - that addresses the cause of the spill (e.g. human error, equipment, etc.) and whether 911 was called and which agencies responded.

3.1.7 Environmental Training: Upon GPOC receipt of the "No Hazardous Waste Generation" certification, the requirements of this section no longer apply. Contractor personnel performing duties in the service of this PWS shall have training that acquaints the person with the details of Resource Conservation Recovery Act (RCRA) regulations in 40 CFR 260 through 279; applicable State Laws and regulations; DoD, Air Force and local requirements. This training can be obtained through creditable training institutions or companies. All training shall be approved by 72 ABW/CEIE, Natural Infrastructure Management (Environmental Compliance). RCRA training is available at http://www.natlenvtrainers.com/RCRA-hazardous-waste.htm; http://www.skillsoft.com/catalog/detail.asp?CourseCode=esh_sah_a34_sh_enus000000 and http://www.lion.com/Storing-Hazardous-Waste-for-LQGs at the Contractor's expense. Prior to obtaining training, the Contractor shall provide the name of the training institution or company and course description to the GPOC for approval within ten (10) calendar days after contract award date. Once written approval is received from the GPOC, the Contractor shall provide the environmental training certificates for employees performing duties in the service of this PWS to the GPOC, within thirty (30) calendar days after contract award date. In addition to the required environmental training, Contractors shall be compliant with Tinker AFB procedures per TAFB HWMP, "Hazardous Waste Management".

3.2 Housekeeping: The Contractor shall keep the work areas clean and neat IAW industry standards, OSHA, fire and safety standards, and this SOW.

3.3 Foreign Object Damage (FOD) and Dropped Object Prevention: Contractor personnel who work in or travel though areas near operational and production aircraft, engines, munitions, missiles, drones, space systems, support equipment, Aerospace Ground Equipment (AGE), trainers, and the Contactor personnel operating vehicles and equipment on flight lines, runways, taxiways, parking ramps, and in aircraft hangers and maintenance areas are required to receive the FOD/DOP training and to comply with AFI 36-2650, AFMC Supplement 1, paragraph 9.2., and A4.4.4. (Initial)/A4.4.5. (Refresher). The Contractor and Contractor personnel shall acknowledge the FOD/DOP training either by viewing

the Digital Versatile Disc (DVD) provided by the GPOC or the You Tube site, http://www.youtube.com/watch?v=tYcbodjFPnM.

3.3.1 The Contract Manager shall provide written certification to the GPOC for each employee within ten (10) business days after the contract award date. The certification shall have the title of the training, the name of the person who received the training, and the date of the training. The Contractor shall also ensure all new employees view the FOD/DOP training and provide written certification of training to the GPOC prior to the employees starting work in the OC-ALC shops. Every 36 Months, the Contractor and Contractor personnel shall be required to review the FOD/DOP training and to provide written certification to the GPOC.

3.4 Tool Control and Accountability: While performing contract services in or around Maintenance Production Shops, which includes ramp areas, the Contractor shall comply with AFI 21-101_AFMC Supplement 1, 21-101, Chapter 10 (all paragraphs) and OC-ALCI 21-112, paragraph 14.1. and 14.5.3. The Contractor shall provide the completed MXRIWRS Form 032 prior to performing work in the OC-ALC industrial areas. The MXRIWRS Form 032 is available from the GPOC. The Contractor shall provide a Contractor Tool Listing, MXRIWRS Form 032, to the GPOC within five (5) business days after work has been accomplished. The Contractor or Contractor's personnel shall inventory the container or bag of tools at the beginning of each workday and at the end of each workday. The Contractor personnel shall immediately notify the GPOC of any tools that are missing or lost from the work area or container (e.g. tool or job box or tool bag). The GPOC will report any missing Contractor's tools which have not been located within one (1) hour after notification to the appropriate Government personnel. The Contractor shall obtain the Form 32 from the GPOC. The CM shall ensure each employee on the job site receives a briefing from the GPOC about Housekeeping, FOD/DOP, and Tool Control prior to starting work in OC-ALC Industrial Areas.

3.5 Privately Owned Motor Vehicles (POV): Contractor personnel shall comply with the directives pertaining to operation of POVs on Tinker AFB per AFMAN 31-116, in its entirety, "*Motor Vehicle Traffic Supervision*". The Contractor shall comply with Tinker AFBI 24-302, in its entirety for the operation of POVs within Tinker AFB.

3.6 Visitors Pass: The Contractor shall contact the Government POC seven (7) business days before arriving on Tinker AFB in order to make arrangements for Visitors Passes. The Government POC will assign a sponsor for the Contractor from within the organization. The Contractor and the sponsor shall arrange to meet at Pass and Registration, Building 6611 at the Tinker Gate, which is South of I-40 off Air Depot Blvd. [redacted]

3.7 Foreign Nationals: The Contractor shall notify the Government POC before sending a Foreign National representative to perform services. Special rules apply for foreign nationals visiting a US Government facility.

3.8 Safety and Health on Government Installations: While performing work under this contract on a Government installation, the Contractor shall comply with federal, state and local regulations, and AFI 91-203, "Air Force Consolidated Occupational Safety Instruction", as established by this contract and Appendix C. The Contractor shall notify the CO, Government POC, and Government Contract Administrator (CA) within one (1) business day of any injuries that occur to Contractor personnel while they are on the installation. The Contractor shall notify the CO, Government POC, and Government CA within one (1) business day of damage to Government property or equipment during the execution of the contract.

3.9 Combating Trafficking in Persons: IAW DFARS PGI 222.17, the GPOC shall pursue, as appropriate, the following methods of monitoring the Contractor's performance regarding trafficking in persons such that non-compliances with FAR clause 52.222-50 are brought to the immediate attention of the Contracting Officer:

a. Keep the lines of communication open with the Contractor. At the post-award conference, remind the Contractor of his contractual responsibilities to notify the government if the Contractor receives notification of any alleged violations to this policy or if actions have been taken against the Contractor employees, subcontractor's or subcontractor employees pursuant to the clause.

b. When appropriate, encourage Contractor to complete Human Trafficking Awareness Training.

c. Encourage the Contractor to take steps to investigate and eliminate slavery and human trafficking in their supply chains and to publish information for consumer awareness.

d. Periodically access the Department of State's Trafficking in Person (TIP) website for updates and to view the latest reports. http://www.state.gov/g/tip

3.10 Commanders Safety Intent: The safety of everyone on Tinker AFB is our top priority. All Individuals must accept personal responsibility for safety and seek opportunities for improving the safety of our work environment. Everyone working on Tinker AFB is challenged to find, fix (if able) and report all hazards and near-misses. It is our shared duty to take every reasonable step and precautions to prevent accidents and preserve the health/safety of each Contractor and government employee.

3.11 Speak up for safety: Safety surety is an integral part of our overall goal of establishing a world class safety and health program. Our "Speak Out for Safety" initiative ensures a partnership with Contractors and government employees to further enhance safety to ensure we are looking out for all our partners and empowers all employees to actively participate in each other's safety.

A safe workplace is everyone's business. As part of the contract team, military, civilian and Contractor personnel are empowered to Speak Out for Safety (S.O.S.) when they observe an unsafe act. Events that present imminent danger to personnel or catastrophic damage to property we empower our employees to intercede to ensure continued safe operations.

3.12 Communicating Hazards Of Workplace (CHOW): Contractor's onsite representative communicates all hazards being introduced to the worksite by the Contractor. This is accomplished prior to commencement of work and refreshed daily during performance, IAW Contractor's Site Safety Plan.

3.13 Emergency Procedures: The Contractor personnel shall follow the direction of the Government personnel with regard to emergency procedures, such as fire, tornado, active shooter, bomb threats, or other emergencies. It is the responsibility of the Contractor to provide guidance and to establish procedures for its employees to respond to an emergency. It is the Contractor's responsibility to account for their employees following an emergency evacuation. The Contractor personnel shall participate with the Government personnel in all fire and tornado drills at no additional cost to the Government.