

ATTACHMENT 1

STATEMENT OF WORK (SOW)

FOR

**FORCE PROTECTION SITE SECURITY SYSTEM SOLUTIONS
(FPS4)**

31 July 2019

1.0 INTRODUCTION

The Force Protection Site Security System Solutions (FPS4) contract provides for acquisition, upgrade and sustainment of a family of physical and electronic security systems including:

- Fixed site Electronic Security Systems (ESS), including, but not limited to:
 - Intrusion Detection Systems (IDS)
 - Immediate Visual Assessment (IVA)
 - Access Control Systems (ACS)
 - Surveillance Systems
- Tactical security systems
- Delay/denial systems
- Counter-small Unmanned Aerial Systems (C-sUAS)

These systems provide capabilities to support and enhance security and assist Security Forces (SF) in protecting assets and personnel at fixed and tactical, nuclear and non-nuclear sites around the world. The goal is to provide SF with the capability to "See First, Understand First, and Act First."

Fixed site ESS projects are driven by unit requirements and are tailored to fit the requirements of assigned resources at each site where they are installed. These projects may be as simple as purchasing equipment to satisfy a user's needs or as complex as providing for design, installation, test, and sustainment of a system of hardware and software to protect an entire base. They provide an electronic means to accomplish area intrusion detection, alarm reporting and display, remote alarm assessment, access control, surveillance and alert SF to intrusions to enhance resource and facility protection. Fixed site systems are delivered as permanent security systems to protect high priority assets, with a focus on Protection Level (PL) 1 (nuclear and non-nuclear), 2, 3, and 4 resources such as aircraft, munitions, command and control centers, etc.

The FPS4 contract also provides for acquisition, upgrade and sustainment of tactical security systems to achieve a rapidly deployable, re-locatable and integrated security system designed as a "first-in" capability for a variety of force protection missions.

The FPS4 contract will also provide for acquisition, upgrade and sustainment of delay/denial systems.

The FPS4 contract will also provide for installation, upgrade and sustainment of C-sUAS systems. C-sUAS projects on the FPS4 contract will involve integrating and installing C-sUAS Government Furnished Equipment (GFE) into the Government-provided C-sUAS Command, Control and Display Equipment (CCDE), as well as providing the necessary infrastructure to accomplish this integration and installation work.

2.0 PURPOSE

This Statement of Work (SOW) describes the scope of effort that may be required by the Contractor via Delivery Orders (DOs) issued under the FPS4 contract. In support of the warfighter, the intent is to rapidly acquire and provide SF personnel with mission-critical, integrated security systems and equipment that neutralize or mitigate anticipated threats. The SOW also includes other related efforts such as services critical to system sustainment; identification, upgrade, insertion of technology; special studies, analyses and demonstrations; equipment qualification; and other efforts that support the acquisition and sustainment of a family of physical and electronic security systems including fixed site ESS, tactical security systems, delay/denial systems, and C-sUAS.

2.1 Scope: The scope of a DO effort may include all or some portion of activity and work required to design, procure, install, integrate, test, deliver, and sustain systems located in Continental United States (CONUS) and Outside Continental United States (OCONUS) in accordance with the requirements of the specific DO.

- Physical and electronic security systems including but not limited to:
 - Fixed site ESS
 - IDS
 - IVA
 - Surveillance Systems
 - ACS
 - Tactical systems
 - Delay/denial devices
 - C-sUAS

This scope also includes, but is not limited to:

- Contractor program management and subcontractor oversight
- Systems engineering
- System design and development
- Purchase of Commercial Off-the-Shelf (COTS) and ancillary equipment
- Necessary installation of, or upgrades to, supporting infrastructure
- Installation and systems integration of Contractor-provided equipment and/or infrastructure and Government Furnished Property/Equipment (GFP/GFE) and infrastructure
- Support (upgrade, repair or replacement) of applicable GFP/GFE
- Preparation of technical orders and/or supplements to COTS equipment manuals
- Contractor Verification Testing (CVT)
- Technical Manual/Technical Order validation
- Equipment qualification testing
- COTS production qualification acceptance testing
- Contractor training of site and support personnel
- Contractor support of Government testing
- Interim Contractor Support (ICS) of installed systems
- Contractor Logistics Support (CLS) and/or operational readiness support of tactical and fixed site systems worldwide
- Special studies, analyses, and demonstrations
- Technical and other effort necessary to support system/project acquisition and/or sustainment
- Technology identification, upgrade, and insertion
- Acquisition of systems and associated support for Foreign Military Sales (FMS) customers and any other Government agency (such as the Department of State [DoS], Department of Energy [DoE]) or other DoD agencies/services, if ordered
- Other acquisition and/ or sustainment support as required

Other associated security capabilities such as fencing, lighting, power and ground communications systems, and related infrastructure improvements may also be required. The Contractor shall also improve security capability during the life of the contract through the identification and replacement of obsolete or end-of-life COTS equipment, and/or the development and insertion of technology to meet

ITAR International Traffic and Arms Regulations
(Copies of above document are available at: <http://www.ecfr.gov/cgi-bin/text-idx?gp=&SID=bd869596658d188a67e981389890d49c&mc=true&tpl=/ecfrbrowse/Title22/22CISubchapM.tpl>)

MIL-HDBK-61 Configuration Management
Guidance

(Copies of above document are available at: <http://www.product-lifecycle-management.com/mil-hdbk-61a-00.htm>)

MIL-STD-61 DoD Standard Practices for
Configuration Management
Guidance

MIL-STD-100 DoD Standard Practices for
Engineering Drawing

MIL-STD-129 DOD Standard Practice Military
Marking for Shipment and Storage

MIL-STD-130 DOD Standard Practice
Identification Marking of US
Military Property

MIL-STD-461 DOD Standard Practice
Requirements for the Control of
Electromagnetic Interference
Characteristics of Subsystems and
Equipment

MIL-STD-810 DOD Standard Practice
Environmental Engineering
Considerations and Laboratory Tests

MIL-STD-881 DOD Standard Practice for Work
breakdown Structure for Materiel
Items

DoD 5220.22

National Industrial Security Program
Operating Manual

DOD 8570.01-

Information Assurance (IA)
Workforce Improvement Program

(Copies of above documents are available at: <http://www.dtic.mil/whs/directives/>)

AF LIFE CYCLE MANAGEMENT CENTER (AFLCMC), HANSCOM AFB

IBDSS/ESE Security Classification
Guide

Integrated Base Defense Security
Classification Guide System
/Electronic Security Equipment
(IBDSS/ESE) Security Classification
Guide

Classification Guide

Nuclear Weapons Security program
Classification Guide

Non-Nuclear IDSEL

Non-Nuclear Intrusion Detection
System Equipment List

Nuclear IDSEL

Nuclear Intrusion Detection System
Equipment List

Supply Chain Risk

Integrated Base Defense Security
System Program Supply Chain Risk
Management (SCRM) Plan

IBDSS SSP

Integrated Base Defense Security
System Security Plan

SF Guide

Security Forces Guide to
Cybersecurity for IBDSS

IDS Performance Specs

Intrusion Detection System
Performance Specifications

TASS Performance Specs

Tactical Automated Security System

ESE-SIT-0001

Standardized Electronic and Security
Equipment Siting and Design
Guidance for Permanent Installations

(Copies of the above documents are available from Force Protection Division (AFLCMC/HBUU), 3 Eglin Street, Bldg. 1612, Hanscom AFB, MA 01731-2100)

AIR FORCE

AFI 31-101	Integrated Defense
AFI 23-101	Air Force Materiel Management
AFI 33-210	Air Force Certification and Accreditation (C&A) Program (AFCAP)
AFI 63-101/20-101	Integrated Life Cycle Management
AFI 23-101	Air Force Material Management
AFH 23-123	Air Force Equipment Management
AFMAN 23-122	Materiel Management Procedures
AFMAN 24-204	Preparing Hazardous Materials (HAZMAT) for Military Air Shipments
AFPAM 63-113	Program Protection Planning for Life Cycle Management
AFPD 31-1	Integrated Defense
AFMAN 31-108	Air Force Nuclear Weapons Security Manual
AFI 31-108	Air Force Nuclear Weapons Security Program

(Copies of the above documents are available at: <http://www.e-publishing.af.mil/index.asp>)

T.O. 00-35D-54	Technical Manual USAF Deficiency Reporting, Investigation, and
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(JTR) does not apply to contractors, but may be used to aid the contracting officer in making decisions regarding travel rules and the reasonableness of travel related costs. Contractors shall travel using the lower cost mode of transportation commensurate with mission requirements. If air travel is necessary, the Contractor shall use the economy class, or similar accommodations to the extent they are available and commensurate with the mission requirements. Travel will be paid on a cost reimbursable basis; no profit or fee will be paid.

5.0 ACRONYM LISTING

AC	Alternating Current
ACS	Access Control System
AFB	Air Force Base
AFCAP	Air Force Certification and Accreditation Program
AFGSC	Air Force Global Strike Command
AFI	Air Force Instruction
AFLCMC	Air Force Life Cycle Management Center
AFMAN	Air Force Manual
AFPAM	Air Force Pamphlet
AFSFC	Air Force Security Forces Center
ASME	American Society of Mechanical Engineers
BISS	Base and Installation Security System
C&A	Certification and Accreditation
CADD/GIS	Computer Aided Design and Drafting and Geographic Information Systems
CCs	Critical Components
CCDE	Command, Control & Display Equipment
CIL	Critical Information List
CLS	Contractor Logistics Support
CM	Configuration Management
CONUS	Continental United States
COR	Contracting Officer Representative
COTS	Commercial-off-the-Shelf
CPCI	Computer Program Configuration Item
C-sUAS	Counter-small Unmanned Aerial System
CTF	Combined Test Force
CVT	Contractor Verification Test
CPI	Critical Program Information
DAL	Data Accession List
DCID	Director of Central Intelligence Directives
DD	(Department of Defense) Directives Division
DOs	Delivery Orders
DoD	Department of Defense
DoDAF	DoD Architecture Framework

DoDI	Department of Defense Instruction
DoE	Department of Energy
DoS	Department of State
DR	Deficiency Reporting
ECA	Electronic Components, Assemblies and Materials Association
ECP	Engineering Change Proposal
EIA	Electronics Industries Alliance
ESE	Electronic Security Equipment
ESS	Electronic Security System
FAR	Federal Acquisition Regulation
FCAs	Functional Configuration Audits
FMS	Foreign Military Sales
FPIF	Fixed Price Incentive Fee
FPS4	Force Protection Site Security System Solutions
GAT	Government Acceptance Testing
GFE	Government Furnished Equipment
GFP	Government Furnished Property
GOTS	Government-off-the-Shelf
HBU	Digital Directorate, Force Protection Division
HDBK	Handbook
IA	Information Assurance
IAW	In Accordance With
IBDSS	Integrated Base Defense Security System
ICS	Interim Contractor Support
IDS	Intrusion Detection System
IDSEL	Intrusion Detection System Equipment List
IEEE	Institute of Electrical and Electronics Engineers
IPT	Integrated Product Team
ITAR	International Traffic in ARMS Regulation
IUID	Item Unique Identification
IVA	Immediate Visual Assessment
JTR	Joint Travel Regulation
NEMA	National Electrical Manufacturers Association
NFPA	National Fire Protection Agency
NISPOM	National Industrial Security Program Operating Manual
NIST	National Institute of Standards and Technologies
NTIA	National Telecommunications and Information Administration
OCI	Organizational Conflict of Interest
OCONUS	Outside of the Continental United States
OEM	Original Equipment Manufacturer
OPSEC	Operations Security
PCAs	Physical Configuration Audits
PCO	Procuring Contracting Officer
PIT	Platform Information Technology
PL	Protection Level
PMRs	Program Management Reviews