

Performance Work Statement (PWS)  
Airfield Sequence Lighting  
28 July 2023

## 1 DESCRIPTION OF SERVICES

### 1.1 SUMMARY/SALIENT CHARACTERISTICS

The Project is to update and repair the existing Airfield Lighting Control and Monitoring System (ALCMS) at Patrick Space Force Base (PSFB). This will eliminate the issue from the Radio Transmission interference to the 02 Sequence Flashers (SFLs), the Air Traffic Control Tower (ATCT) and Airfield Lighting Vault. Part of the software upgrades already accomplished allows PSFB to put the SFLs and other components on fiber allowing PSFB Airfield lighting to enhance operations and monitoring. The contractor will supply the material, labor for installing the new required components, testing, and certification to FAA requirements. PSFB personnel have installed pipe and fiber cable to required locations.

Update existing airfield lighting and control monitoring system (ALCMS) at PSFB.

The air traffic control tower existing ALCMS cabinet including (2) single mode fiber media converters for communication between the air traffic control tower and runway 02 sequence flashers.

Addition at the runway 02 sequence flasher (SFL) to the existing ALCMS cabinet including (2) single mode fiber media converters with MOXA I/O and interposing relays for the control of the 02 approach SFL.

Install a back panel with necessary control componentry at the 02 SFL that will be installed in the existing cabinet.

Install outputs for the control of the following points: On/Off, Low Intensity, Medium Intensity, and High Intensity.

Update ALCMS software for the removal of the radio communication and addition of fiber communication between the ATCT and 02 SFLs. Commission and test system upon completion.

## 2 SECURITY

### 2.1 BASE ACCESS

Base Pass Requirements: the contractor is responsible for completing all tasks required for base access.

## 3 GENERAL INFORMATION

### 3.1. Personnel.

The contractor shall not employ persons to work on this contract if such person is identified to the contractor by the government as a potential threat to the health, safety, security, general well-being or operational mission of the installation and its population. The contractor shall not employ any person who is an employee of the U.S. government, if employing such person would create a conflict of interest as determined by the Contracting Officer. Additionally, the contractor shall not employ any person who is an employee of the Department of Defense, either military or civilian, unless such person seeks and

received approval according to DoD 5500.7 –R Joint Ethics Regulation. The contractor shall not employ any person who is an employee of the Department of Defense if such employment would be contrary to the policies in AFI 64-106 AF Industrial Labor Relations Activities.

### 3.1.1 Military Personnel:

The contractor is cautioned that off-duty active military personnel hired under this contract may be subject to permanent change of station, change in duty hours or deployment. Military Reservists and National Guard members may be subject to recall to active duty. The abrupt absence of these personnel could adversely affect the contractor's ability to perform. However, their absence at any time shall not constitute an excuse for nonperformance under this contract.

### 3.2 TRAVEL AND OTHER DIRECT COSTS

Travel will not be reimbursed on this contract.

### 3.3 HOURS OF WORK

#### 3.3.1 Work Hours.

Base hours of operation are 07:30 – 16:30. The Contractor may find it necessary to deviate from the normal base hours of operation, to ensure timely completion of work under this PWS at no additional cost to the government.

Contractor performance is anticipated to take place between 08:00 and 16:30 on weekdays.

#### 3.3.2 Holidays.

##### 3.3.2.1 U.S. Federal Holidays.

U.S. Federal holidays. The contractor will not be required to work the following United States federal holidays, New Years' Day, Martin Luther King's Birthday, President's Day, Memorial Day, Juneteenth, Independence Day, Labor Day, Indigenous Peoples' Day/Columbus Day, Veteran's Day, Thanksgiving Day and Christmas Day.

#### 3.3.3 Badges.

The contractor is required to provide identification badges for their employees. All contractor personnel shall wear these badges while on duty on the government site. All badges need to be clearly identifiable and worn above the waist. Badges are required to identify the individual, company name, and be clearly and distinctly marked as contractor. Size, color, style, etc. are to be mutually agreed to by contractor and government. The contractor's identification badge will not be used as an entry requirement for installation entry or into any government designated controlled or restricted area.

## 4 ENVIRONMENTAL, HEALTH, AND SAFETY

Environmental, Health, And Safety. The contractor shall ensure all employees receive the necessary environmental, health, and safety training to ensure compliance with all Occupational Safety and Health Acts (OSHA), and local laws. The contractor shall protect the health and safety of employees and the community, minimizing the risk of environmental pollution.

### 4.1 ENERGY CONSERVATION

The contractor shall comply with energy saving conservation practices as deemed necessary by the facility manager.

#### 4.2 TRASH AND LITTER CONTROL

Contractor shall be responsible for storage, staging and deployment of any equipment and materials provided as part of this requirement. Contractor shall be responsible for the removal and disposal of all packaging materials and associated litter from the installation site and shall comply with all applicable industry rules and government regulations.

#### 4.3 SMOKING POLICY

There is an Air Force Policy of NO SMOKING in any Government building or vehicle in accordance with AFI 40.102 (03 Jan 1994).