



## SCOPE OF WORK

PROJECT: Replace Airfield Lighting Runways and Taxiways

29 October 2025



### DETAILED SCOPE OF WORK

[October 29 2025]

Job Order Title: [Replace Airfield Lighting Runways and Taxiways]

Project Number: [44590]

Estimated Period of Performance: [390 Days]

#### 1. Summary Scope

Currently, the landing runway uni-directional approach ground lights [PAR 38s] are +30 years old and replacement parts are becoming obsolete and are to be discontinued at any given point. The airfield electrician spends about \$2,200 per fixture whenever the fixture goes bad. This project will replace 61 old ground fixtures with new fixtures, re-lamp all new fixtures, and stock up spare parts. There are 16 red and 45 clear lenses.

#### 2. Drawings & Specifications

- a. LAAF Runway drawings will be provided by LAAF Base Ops.

### Detailed Scope of Work

The Contactor shall perform all work as described below per the project documents, contract, drawings, specifications, and any addendum issued by the Government for completion of this work.

### Electrical

- a. Disconnect electrical services to the runway uni-directionally approach ground lights. LOTO
- b. Demo all 61 uni-directionally approach ground fixtures. (Do not damage fixture's concrete housing)
- c. Install 61 new uni-directionally approach ground fixtures that are currently manufactured and will be manufactured long term. These fixtures shall be and up to date with current specs. New Lights shall fit in existing housing. Incandescent Lighting only
- d. Re-lamp all 61 fixtures.
- e. Test all 61 lights for proper operations, with government, IAW FAA and LAAF regulations.
- f. Store at LAAF 25 spare un-directional ground light fixtures.
- g. Store at LAAF 10 white and 10 red lenses.
- h. Store at LAAF 50 spare un-directional ground light fixtures lamps.

### Part Types Required

- a. uni-directional ground approach light fixtures
  - Currently installed – Crouse-Hinds, Windsor CT 8506A-G52-P1 (FAA APPROACH)
  - per UFC 3-535-01: Standards for Approach Lighting Systems (ALSF-1 and ALSF-2)
- b. uni-directional ground approach lamps



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- Currently used – AIRFIELD HALOGEN 58310 6108 6,6S 105W [NARVA SPECIAL LIGHTING]

### 1. Details that Apply to All Work Areas:

- A. Consult Technical Instructions TI 800-01, Design Criteria, TI 800-03 Technical Requirements for Design-Build, TI 811-16 Lighting Design, Technical Manual TM 5-8-11-1 Electric Power Supply and Distribution, Unified Facilities Criteria, National Electrical Code, FAA, and all referenced documents.
- B. Always maintain clean work areas. Remove and dispose of all demolished materials and construction debris. The site must be cleaned every day at the completion of work. Contractors shall take extra precautions to pick up all debris, nails and fasteners from the ground and all surrounding area.
- C. LAAF requires that FOD checks are required before entering airfield area. Contractors shall be careful of all FOD that might fly onto airfield during work.
- D. All measurements and quantities supplied in this scope of work are approximate in nature and are supplied as a convenience for the Contractor. The Contractor is responsible for field verification of all measurements and quantities.
- E. The contractor shall verify all new and existing conditions and dimensions at the job site prior to the start of construction and during construction.
- F. The Contractor shall perform all work, make all deliveries, and have access to work areas between 8:00 A.M. and 4:30 P.M. Monday through Friday and, upon written permission of the Owner, may make deliveries and have access to work areas at any hour of any day, but shall bear without any contribution from the Owner, any extra expense and responsibility for doing so, including, without limitation, its own overtime expense. The contractor shall coordinate inspections as required.
- G. The contractor shall coordinate all parking with the COR and Inspector prior to beginning work.
- H. Contractors shall obtain approvals in advance for all lay-down and storage areas, as needed, from the Ft. Benning Master Planning Division and LAAF. Coordinate efforts to obtain permits and approvals through the COR and Inspector.
- I. All salvageable materials remain the property of the Government and are identified during the Joint Scope Meeting. Inspector will verify salvageable materials are maintained and not discarded by the Contractor in performance of the work.
- J. Contractors shall coordinate inspections and testing as required by this scope of work.
- K. The Contractor shall keep at the site one copy of all drawings and specifications, permits, and FB Form 144-R in good order with all addenda and change orders noted thereon and available to the owner & Architect and to their representative(s).
- L. Prior to any shutdown of any system (electrical, mechanical, etc.), Contractor shall supply not less than five (5) working days' notice to the Inspector with a copy to the Owner (LAAF). No shutdown of any system shall occur until the Contractor has received permission from the Owner (LAAF).
- M. Contractor is responsible for protection of all surfaces including those not in the scope of work from construction dust, debris, or damage during construction up until final



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acceptance. The methods of protection including plastic, paper, sealing doors or windows, etc.

- N. Final clean up and disposal: Upon completion of work, all construction areas shall be left clean and free from debris. Clean all dust, dirt, stains, hand marks, paint spots, droppings, and other blemishes.

### 2. **Submittals:**

- a) The contractor shall submit a schedule showing the proposed duration of construction with the price proposal package.
- b) Standard shop drawings.
- c) Electrical cut sheets.
- d) Electrical components

### 3. **Permitting:**

At the time of issuance of a Job Order for this work, it is understood that permits [are] required for this work for certain tasks, such as LAAF and FAA. If this changes, the Contractor will be responsible for obtaining such

applicable permits according to Federal, State, and local construction or environmental requirements and providing a copy of the approved permit to the COR and/or Inspector.

*All personnel driving on airfield will be required to get a airfield license to drive on airfield. This can be obtained through base-ops at LAAF.*

### 4. **Project Schedule**

- a) All work shall be completed during normal working hours as directed by the Owner (LAAF) during Joint Scope Meeting.
- b) Contractor to propose a detailed construction schedule and submits with proposal package.
- c) Include a 30-day Government Closeout Process activity.

### 5. **Schedule of Values (SOV):**

- Schedule of Values (cost-loaded schedule) shall be submitted at the same time as the project schedule submittal.
- Bonds must be listed as separate line item.
- Final Inspection activity must be 1% of contract value or \$5,000 whichever is greater.
- Closeout Documents activity must be 1% of contract value or \$5,000 whichever is greater.

### 6. **Period of Performance (POP) Extension Request:**

POP extension requests must include thorough and detailed justification on how the Government delayed the contractor's performance. POP extensions will not be granted for contractor delays.



SCOPE OF WORK  
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**7. Safety:**

- a. All Accident Prevention Plans (APP) shall include the USACE ENG Form 6293 (APP Worksheet) and meet all requirements set forth in the USACE EM385-1-1 (latest version).
- b. A Fall Protection Plan (FPP) shall be submitted when required by EM385-1-1. The FPP shall include all contractor and subcontractor checklists, training, and certifications for all employees that will be working above 6 feet.
- c. Contractors shall provide a dedicated SSHO Level 2 on site. This individual may not dual-hat as the superintendent for roofing projects. The SSHO shall meet all requirements and training IAW with the EM 385-1-1. SSHO can be assigned up to five (5) projects but must visit each assigned project at least twice daily.

**8. Owner/Government Responsibilities**

- a) The owner (LAAF) shall provide access to the worksite during normal working hours. [If other than normal working hours are specified, access to the work site will be provided by the assigned Inspector or COR.]
- b) The owner (LAAF) shall provide a staging area for project-related materials.
- c) Owner (LAAF) shall be responsible for re-routing pedestrian traffic as necessary.
- d) Owner (LAAF) shall coordinate any Fire Marshal approvals (if necessary).

**9. Training**

- a. LAAF safety will require all personnel that plan on driving onto airfield during construction to take a driving safety course. This is approximately an 8 hour course (on site)

**10. Deliverables**

- a. 61 new uni-directionally approach ground fixtures
- b. 25 spare un-directional ground light fixtures.
- c. 10 white and 10 red lenses
- d. 50 spare un-directional ground light fixtures lamps.

**Job Order Document Order of Precedence:**

- a) Job Order documents shall govern in the order first listed below:
  - I. This Detailed Scope of Work
  - II. Owner issued Job Order Documents
  - III. Specifications, Drawings, and Sketches.
- b) Other documents are referenced immediately above.

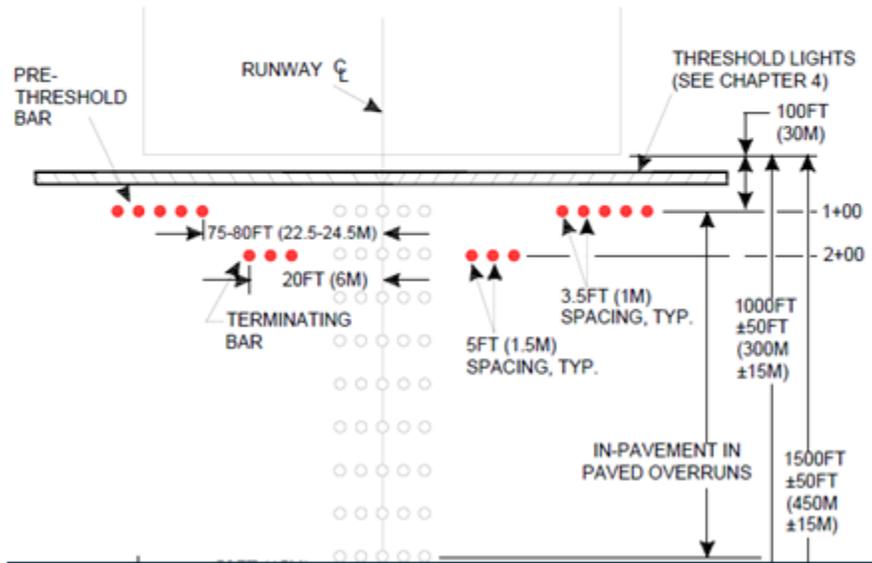


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UFC 3-535-01  
11 April 2017  
Change 4, 25 April 2023

Figure 3-7 SALS Configuration



Above is a sketch taken from UFC 3-535-01. These will be the in-ground uni-directional lights to be replaced. Red dot indicated a red lens fixture.



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