



GUAM FOOTBALL ASSOCIATION  
REQUEST FOR PROPOSAL

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REPLACE EXISTING LIGHTING FIXTURES WITH LEDs FOR UA-1 PITCH/RETROFIT TO EXISTING POLES (6)/MEET AFC CATEGORY 3/4 SPECIFICATIONS OF MINIMUM 1400 LUX & 700-750 LUX/PISM MODES 1 (FMM) & 3 (TM)

ISSUED

**10 September 2021**

CLOSING DATE

**5pm on 08 October 2021**

**Submittals will not be accepted after closing date.**

This Request for Proposal is posted on the Guam Football Association website at:

<https://guamfa.com/contact-us/team-up-with-us/>

## INTRODUCTION

The Guam Football Association (GFA) is seeking proposals from qualified and appropriately licensed contractors to replace existing lighting fixtures with LEDs at the Guam Football Association Headquarters and Training Complex at 230 Harmon Loop Road, Dededo, Guam 96929. The new LED fixtures must be retrofitted to the existing six (6) poles that illuminate the UA-1 pitch. GFA intends to enter into contract with the selected Respondent within thirty days of a Notice of Award. Should there be reasons why the contract cannot be awarded within the specified period the time, it may be extended by mutual agreement between GFA and selected Respondent.

## 1. DESCRIPTION OF THE WORK

### PROPERTY LOCATION

The project site is located within Lot 10142-NEW-4, Dededo, Guam. The UA-1 pitch and the six (6) poles are highlighted in yellow. Please refer to Figure 1 – Site Location.



Fig. 1 – Site Location

SITE INSPECTION

Contractor shall visit project site prior to bidding to determine nature and extent of work required to complete the job with existing conditions. Site inspection will be on appointment basis. Follow-on access for additional inspection may be done by communicating with the GFA office.

SCOPE OF WORK

The Contractor will remove approximately thirty (30) existing light fixtures facing the UA-1 pitch on poles D (11), E (8) and F (11) and approximately twenty-seven (27) existing light fixtures on poles G (9), H (9) and I (9). Please refer to Figure 2 – Site Description.



Fig. 2 – Site Description

The Contractor will submit proposed layout including exact quantity and type of LED fixtures per pole to meet the following dual level of lighting criteria after installation:

Play Light Level (AFC Lighting Cat. 3-4*)	1400 LUX
Reduced Light Level (Training)	700 LUX

**\*See Attachment 1 –AFC Lighting Category 3, 4 & Pitch Illuminance Switch Modes 1 (FMM) & 3 (TM)**

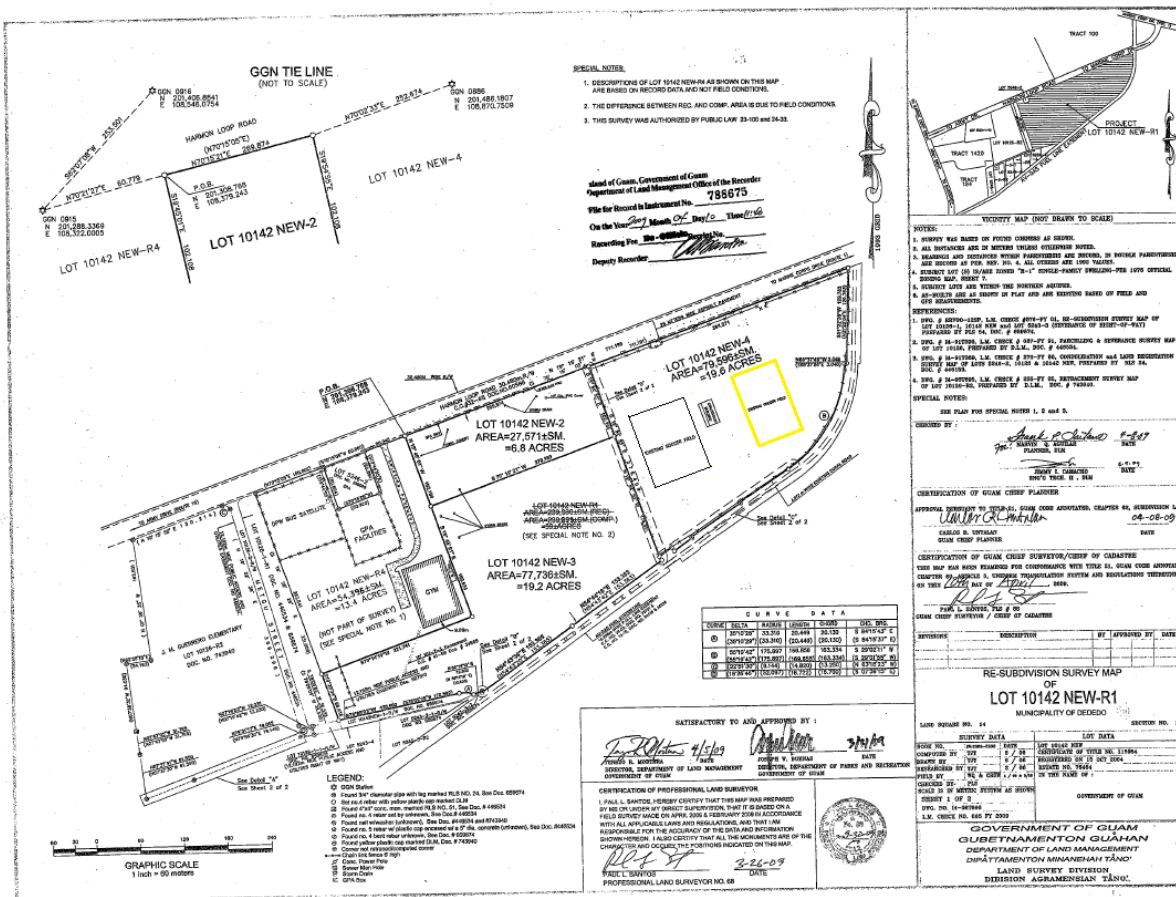
The Contractor shall prepare and submit the attached Contractor Bid Form in addition to the detailed proposal that includes the respective costs for all materials, labor, equipment specifications, fixture type, computerized calculation for illumination levels, aiming requirements, warranties, project schedule and other pertinent information deemed necessary to complete the job. The Contractor must be an ongoing entity for at least 3 years, produce proof of ability to obtain a certificate of liability insurance which will be required to obtain and produce before work begins. All the above requirements are mandatory and must be included in proposal prior to owner’s review and evaluation.



## 1. LIGHT FIXTURES (CURRENT)



## 2. PROPERTY MAP



### 3. CLEAN-UP

Working lighting fixtures (ballasts/bulbs) shall be returned to owner for reuse. Non-working lighting fixtures (ballasts/bulbs) shall be removed from owner's property and legally disposed of. The site area shall be cleared of any construction debris, tools, and other objects, and legally disposed of after removal from owner's property. No debris and other objects are to be left on the adjacent property.

## ADDITIONAL REQUIREMENTS

### 1. MINIMUM INSURANCE COVERAGE

Contractor will be required to maintain in force a policy or policies of insurance written by one or more responsible insurance carriers licensed to do business in the Territory of Guam that shall insure against liability for injury to and/or death of and/or damage to property of any person or persons, with policy limits. It shall include umbrella coverage for any and all actions of Contractor based on the Operations to be provided and shall name, as additional insured and loss payee, GFA.

### 2. WORKER'S COMPENSATION

Contractor will be required to provide proof of worker's compensation insurance in coverage amounts required by the Government of Guam for the Operations to be provided that covers Contractor's employees for any on-the-job injuries. Contractor must be willing and able to provide evidence of insurance not later than seven (7) days after receiving Notice of Contract Award.

### 3. HOLD HARMLESS AND INDEMNIFICATION

Contractor will agree to indemnify, defend and hold GFA, its officers, employees, agents and assigns harmless from and indemnify them against any and all claims, actions, damages, suits, proceedings, judgments, liabilities and associated costs for bodily injury, death or damage to property resulting, in whole or part, from any and all acts or omissions of Contractor, its officers, employees, agents and assigns.

## FEE BASIS

This Project will be paid on a **lump sum basis**. The payment will be made in accordance with the terms of the contract at the end of the project once all work has been completed by the Contractor and approved by GFA. A payment retainage of ten percent (10%) of the total project cost will be held by GFA pending satisfactory completion of all project tasks and a final inspection of all sites.

## INSTRUCTIONS

1. Provide a detailed cost on all requirements as outlined in this RFP. GFA reserves the right to clarify pricing with the affected contractors. Additionally, if a Contractor is proposing above basic requirements to provide enhanced capabilities, please state these enhancements in the proposal.
2. The Contractor agrees that failure on its part to include all cost required to complete the scope of work in its entirety will not be accepted by GFA as an acceptable justification to re-quote the proposal. Contractor acknowledges that the original proposal and costs provided stand. ***However, the Contractor has the option of withdrawing a proposal at any time until a final contract is executed.***
3. GFA reserves the right to cancel or renegotiate the purchase any time prior to an order being submitted.
4. Delivery and installation time must be acknowledged, and must be met. If time varies on specific items proposed, the contractor shall so state the specific schedule for delivery and installation of the LEDs. Once a

contractor has been selected for award, GFA reserves the right to renegotiate delivery terms based on changing situations.

5. The Contractor shall provide within the proposal the detailed breakdown of all costs and correspond with the bid proposal amount completed in the Bid Form.
6. GFA reserves the right to negotiate terms and scope of work with the highest ranked Contractor. If an agreement cannot be negotiated, GFA reserves the right to negotiate with any other Contractor.
7. Any evidence of agreement or collusion among contractors acting to illegally restrain freedom of competition by agreement to propose a fixed price, or otherwise, will render the proposal of such Contractor's void.
8. GFA will not reimburse Contractors for any costs involved in the preparation and submission of proposals. Furthermore, this RFP does not obligate GFA to accept or contract for any expressed or implied purchases.

## 2. RESPONSE FORMAT & CONTENT

At a minimum, the following must be included with all responses:

1. Cover Letter, which should provide information about the qualifications and experience
2. Copies of all current licenses required to complete the work
3. Minimum three (3) references for services similar to this project, at a minimum provide the following:
  - a. Company Name
  - b. Location where the services were provided
  - c. Contact person including telephone number/email
  - d. A complete description of the service type
  - e. Dates the services were provided
4. Disclosure of any relations to the GFA Executive Board Members (<https://guamfa.com/contact-us/meet-the-executives/>). If none, please declare in writing that there are no conflict with any of the GFA Executive Board Members.
5. Detailed quotation of work scope
6. Completed and signed GFA Bid Form

Proposal can be submitted electronically via email or by hand delivery using the following information:

Via Email: [cheri.stewart@theguamfa.com](mailto:cheri.stewart@theguamfa.com)

Via Hand Delivery:

ATT: Ms. Cheri STEWART  
 Guam Football Association Offices  
 230 Harmon Loop Road  
 Hwy 27, Dededo

Coordination must be made for hand delivery with Ms. Cheri Stewart at 671-688-1279 or using email listed above.

TYPE OF PROCUREMENT	Competitive Negotiable Bids
REPORTING	Report directly to GFA
OPENING DATE FOR RFP	<b>10 September 2021</b>
POSTING OF RFP	<a href="https://guamfa.com/contact-us/team-up-with-us/">https://guamfa.com/contact-us/team-up-with-us/</a>
QUESTIONS/CLARIFICATIONS	Marvin Iseke (671) 777-2302, Cheri Stewart (671) 688-1279 & Bill Bordallo (671) 797-9998
CLOSING DATE	<b><u>5pm on 08 October 2021</u></b> Submittals will not be accepted after closing date.
CRITERIA FOR AWARD	The Contractor will be selected based on the best value, by considering factors such as quality, past performance, delivery time, etc.

## ATTACHMENT 1 - AFC Lighting Category 3, 4 &amp; Pitch Illuminance Switch Modes 1 (FMM) &amp; 3 (TM)

4.03 AFC Lighting Cat 3**AFC Lighting Category 3**

<b>Eh ave</b> (average horizontal illuminance)	average > 1,500 lux
Uniformity U1h	> 0.50
Uniformity U2h	> 0.70
<b>Ev ave-0°</b> (vertical illuminance on 0° reference plane)	minimum > 500 lux average > 800 lux
Uniformity U1v-0°	> 0.40
Uniformity U2v-0°	> 0.50
<b>Ev ave-90°</b> (vertical illuminance on 90° reference plane)	minimum > 500 lux average > 800 lux
Uniformity U1v-90°	> 0.40
Uniformity U2v-90°	> 0.50
<b>Ev ave-180°</b> (vertical illuminance on 180° reference plane)	minimum > 500 lux average > 800 lux
Uniformity U1v-180°	> 0.40
Uniformity U2v-180°	> 0.50
<b>Ev ave-270°</b> (vertical illuminance on 270° reference plane)	minimum > 500 lux average > 800 lux
Uniformity U1v-270°	> 0.40
Uniformity U2v-270°	> 0.50
<b>Match continuity mode (MCM)</b>	Eh ave > 800 lux Ev4 ave > 500 lux
<b>Flicker factor (FF)</b>	average < 12% maximum < 18%
<b>Minimum adjacent uniformity ratio (MAUR)</b>	> 0.60
<b>Colour temperature (Tk)</b>	5,000–6,200K
<b>Colour rendering (Ra)</b>	> 80 Ra
<b>Glare rating (GR)</b>	< 50
<b>Maintenance factor (MF)</b>	0.9 LED or 0.75 HID
<b>Power supply</b>	AFC Power Level 3



#### 4.04 AFC Lighting Cat 4

##### AFC Lighting Category 4

<b>Eh ave</b> (average horizontal illuminance)	average > 1,200 lux
Uniformity U1h	> 0.40
Uniformity U2h	> 0.60
<b>Ev ave-0°</b> (vertical illuminance on 0° reference plane)	minimum > 350 lux average > 500 lux
Uniformity U1v-0°	> 0.35
Uniformity U2v-0°	> 0.45
<b>Ev ave-90°</b> (vertical illuminance on 90° reference plane)	minimum > 350 lux average > 500 lux
Uniformity U1v-90°	> 0.35
Uniformity U2v-90°	> 0.45
<b>Ev ave-180°</b> (vertical illuminance on 180° reference plane)	minimum > 350 lux average > 500 lux
Uniformity U1v-180°	> 0.35
Uniformity U2v-180°	> 0.45
<b>Ev ave-270°</b> (vertical illuminance on 270° reference plane)	minimum > 350 lux average > 500 lux
Uniformity U1v-270°	> 0.35
Uniformity U2v-270°	> 0.45
<b>Match continuity mode (MCM)</b>	Eh ave > 300 lux Ev4 ave > 200 lux
<b>Flicker factor (FF)</b>	average < 18% maximum < 25%
<b>Minimum adjacent uniformity ratio (MAUR)</b>	> 0.50
<b>Colour temperature (Tk)</b>	4,200-6,200K
<b>Colour rendering (Ra)</b>	> 70 Ra
<b>Glare rating (GR)</b>	< 50
<b>Maintenance factor (MF)</b>	0.9 LED or 0.75 HID
<b>Power supply</b>	AFC Power Level 4

## 9 Pitch Illuminance Switch Mode (PISM)

The pitch illuminance system should be pre-programmed with various different modes. The number of modes may vary from stadium to stadium. The list below provides a few examples:

- Mode 1: Full match mode (FMM)
- Mode 2: Match continuity mode (MCM)
- Mode 3: Training mode (TM)
- Mode 4: Maintenance mode (MM)

Pitch illuminance systems that use LED luminaires may have the facility to select the desired luminous intensity as a percentage and the levels may be stored and then programmed into the lighting switch/control system.

### 9.01 Full match mode

This involves the pitch illuminance system operating in a manner that satisfies the requirements specified for the relevant AFC illuminance level.

### 9.02 Match continuity mode

This mode should automatically be activated when the primary power supply fails. The pitch illuminance system should switch to the MCM and perform in accordance with (or above) the minimum standards specified for the relevant AFC level.

In terms of the uniformity of illuminance, U1 must be greater than 0.5 on the horizontal plane and 0.4 on the vertical plane. It is not considered necessary to evaluate U2 for the MCM.

The MCM is essential and should be part of the design process. In order for this mode to operate successfully, the power supply facilities and options available must be carefully considered during the design process.

### 9.03 Training mode

This involves the pitch illuminance system operating with an average horizontal illuminance of 500 lux.

### 9.04 Maintenance mode

This involves the pitch illuminance system operating with an average horizontal illuminance of 250 lux.

**CONTRACTOR BID FORM**

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**REPLACE/RETROFIT LEDs/UA-1 PITCH**

Name of Bidder: \_\_\_\_\_

Principal Contact Person: \_\_\_\_\_

Address: \_\_\_\_\_  
\_\_\_\_\_

Email: \_\_\_\_\_

Contact Phone: \_\_\_\_\_

**Bid Proposal Amount:** \_\_\_\_\_

**Time of Performance:** \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Name: \_\_\_\_\_

Title/Position: \_\_\_\_\_