



**REQUEST FOR QUOTATION (RFQ)
REPLACEMENT & UPGRADE OF
ELECTRICAL SUPPLY AND SPORTS
FIELD LIGHTING– 2023**

Addendum

Issued April 13, 2023

The following addendum is issued to clarify or address a few inquiries

Pg 5 D. The primary goals of this project are:

Replace

Guaranteed Light Levels: Selection of appropriate light levels impact the safety of the players and the enjoyment of spectators. Therefore, light levels are guaranteed to not drop below specified target values for a period of 10 years.

WITH

Guaranteed Light Levels: Selection of appropriate light levels impact the safety of the players and the enjoyment of spectators. Therefore, light levels are guaranteed to not drop below specified target values for a period of not less than 10 years.

Pg 6 LIGHTING PERFORMANCE

Replace

D. Color Temperature: The lighting systems shall have a color temperature of 5700K and a CRI of ≥ 70 .

WITH

D. Color Temperature: The lighting systems shall have a color temperature between 5000K-6500K and a CRI of ≥ 70 .

Pg 7 A. Integrated and Thermally Isolated Power Supply:

Replace

5. Luminaire shall contain two power supplies (drivers) such that if one driver is not operational the other continues to power all the LEDs in the light head.

With

5. Luminaire shall contain a single Driver to power the light head.

Pg 7 A. Integrated and Thermally Isolated Power Supply:

REPLACE

6. Drivers, controls connections and all wiring connections shall be contained in an IP66 enclosure. No exposed connections permitted. No additional junction box permitted.

WITH

6. Drivers, controls connections and all wiring connections shall be contained in an IP66 enclosure. No exposed connections permitted. No additional junction box permitted outside the factory assembled fixture.

PG 8 B. Optical System

REPLACE

1. Luminaire shall incorporate silicone TIR plus secondary reflector optics with depth greater than 2.5" to minimize glare perception. Fixture shall have a glass sealed glass cover to protect the optics and LEDs. No exposed optics permitted.
2. LED light source shall be Chip-on-Board (COB) technology.
3. Additional shielding shall be accomplished via internal visor optics integral to each reflector on each COB source. No external visors permitted.

WITH

1. Luminaire shall incorporate silicone TIR plus secondary reflector optics with depth greater than 2.5" to minimize glare perception. Fixture shall have a sealed cover to protect the optics and LEDs. No exposed optics permitted.
2. LED light source shall be Chip-on-Board (COB) technology.
3. Additional shielding shall be accomplished via internal visor optics integral to each reflector on each COB source. External visors are permitted.
4. Alternatives may be considered if they meet the primary goals and intent of the lighting.

Pg 8 C. Construction

DELETE

1. The Light head shall be round in design

Pg 8 Control System

Replace

1. Wireless control using 802.15.4 mesh network protocol

With

1. Hard Wired with Wireless control capabilities to operate the system remotely

Pg 8 Control System

Replace

4. Dim to off

With

4. Dim to true off to remove all electricity when not in use.

Pg 8 Control System

Delete

2. System alerts to indicate loss of communication with any fixture
8. Capable of dynamic entertainment scenes (i.e. lights flashing, paparazzi, etc)

Pg 13 Scope

Add

15. A single NEMA 4 rated lockable cabinet may be considered to house splitter, disconnect switch and metering cabinet

Pg 15 B. Warranty & Guarantee

Replace

1. **1-Year Parts and optional Labor Warranty:** Manufacturer shall supply a warranty covering the equipment performance for 1 year from the date of final sign-off.

With

1. **10-Year Parts and Labor Warranty:** Manufacturer shall supply a warranty covering the equipment performance for 10 years from the date of final sign-off.