

## INVITATION TO TENDER

Tenders are invited from recognized and reputed companies having previous experience for design, supply, installation, testing and commissioning of cricket stadium sports lighting for VCA Civil Lines, Nagpur, using LED sports flood lights.

**Scope of work and BOQ is as under:**

Sr.	Particulars	Qty.	UoM	Price	Amount
1	Supply of Highmast of Height _____ Mtrs				₹ -
2	Supply of Manrider for High Mast				₹ -
3	Erection of Highmast				₹ -
4	Preparation of Civil foundation for High Mast				₹ -
5	Supply of _____ W LED Luminaires				₹ -
6	Installation of LED Luminaires on Head Frame				₹ -
7	Laying of cable 3x2.5 Sq.mm. Cu Unarmoured from LED Light to CG Rack				₹ -
8	Termination of cable at CG Rack and Luminaires				₹ -
9	Supply of CG Rack Panel				₹ -
10	Installation of CG Rack Panel				₹ -
11	Earthing Job (3 Nos/ Mast)				₹ -
12	Supply and installation of GI/Cu/Al Strip of _____ Size				₹ -
13	Supply and installation of Aviation Lights on each Pole				₹ -
14	Supply and installation of Lightning Arrester				₹ -
15	Aiming of LED Luminaires				₹ -
16	Liasnioning with EI office and obtaining relevant permission				₹ -

Please quote your rate as per the BOQ only.

- 1) Price bid should be submitted by 19<sup>th</sup> Jan.'2024 before 6.00 pm positively.
- 2) In price bid supply and installation rates should be quoted separately in the format as provided by the authorities.
- 3) Taxes should be quoted separately as applicable.
- 4) Tenders will be opened on 20<sup>th</sup> Jan.'2024 at 11.30 am at VCA Civil Lines, office. The representatives of the companies should remain present at 11.30 am on 20<sup>th</sup> Jan.'2024 positively for the price bid opening.
- 5) The tender will be awarded based on technical considerations along with competitive and workable rates.
- 6) VCA reserves the right to reject, cancel a bid/bids without assigning any reason thereof.
- 7) Copy of invitation tender should be submitted along with the price bid duly signed by competent authority along with the seal of company.

Seal & Signature of Bidders

### **IMPORTANT POINTS TO BE CONSIDERED FOR TECHNICAL BID**

1. The Bidder should ensure that the LED driver's output power / voltage / current rating on DC side- takes care of DC voltage drops as well as DC cable losses from driver to fixtures. The calculations should be submitted considering longest length of the DC cable to be used.
2. The bidder should ensure that the output and performance of the high mast floodlight illumination system shall be as per the highest international standards and practices as applicable to cricket stadiums of similar capacity.
3. Following additional information shall be submitted along with the technical bid:
  - a. Total Harmonic Distortion (Current), Power Factor, Inrush Current.
  - b. Driver technical specifications highlighting output Power, Voltage, Current and other details.
  - c. Case temperature.
  - d. Surge Protection details.
  - e. DC cable technical specifications .
  - f. Nominal AC input voltage with tolerance.
  - g. Restart time for the fixtures.
  - h. Life of fixtures in hours. MTBF.
  - i. Ambient Temperature and Maximum case temperature for fixture .
  - j. Warranty on fixtures.
  - k. Ambient Temperature and Maximum case temperature for driver.
  - l. Warranty on driver.
  - m. Compatibility with the existing electrical control system of high mast fixtures.
  - n. Overall lux level distribution over the arena.