

IITDh/IPS/2025-26/LPC/188A  
12<sup>th</sup> Nov 2025

**Invitation for Quotation**

**Name of the Work:** Electrical Works of Cricket practice court flood light fixing.

**Location:** Permanent Campus IIT Dharwad

With reference to the aforementioned work, quotations are hereby invited for the said work. Interested vendors with experience in said works can submit their quotes (*as per Annexure-I*) on their official letterhead, duly attested, **in a sealed envelope via post / courier** to the following address:

To,  
IPS Office (NE-113),  
First Floor Admin Block,  
Indian Institute of Technology Dharwad,  
Permanent Campus, Chikmalligwad.  
Dharwad-580011.

**Deadline for submission:** 19<sup>th</sup> November 2025 up to 1300 hours

**NOTE:**

- Any quotes received after 1300 hours on 19/11/2025 will not be accepted.
- Name of the Work / LPC number and Firm name should be mandatorily written on the sealed cover.

Sd/-  
Executive Engineer  
Indian Institute of Technology Dharwad

**Annexure -I**

| BoQ for Electrical Works of Cricket practice court flood light fixing Permanent Campus IIT Dharwad. |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |      |      |          |            |
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| Sl. No.                                                                                             | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Unit | Qty. | Rate (₹) | Amount (₹) |
| 1                                                                                                   | Fabricating, supplying and erection of....ms long hot dip Galvanized Octagonal hotdip Pole with BSEN10025 grade S355JO steel plate for shaft, IS2062 for base plate with door opening arrangements, including suitable boards, Bake lite sheet and MCBs as per IS specifications suitable to with stand the wind speed of 47m/s for.....m Pole in single section and single joint welded as per IS9595/IS10178 AWS having dimensions bottom.....mm, top.....mm with 3mm thick, suitable base plate and 4Nos of.....long J bolts along with template and the Pole shall be hotdip galvanized in single dipping with not less than 65micron as per ASTM-A123 and 153 etc., (Including foundation) as per drawing appended.                                                                                                                                                                                                                                                                                                                                                                                                                                    |      |      |          |            |
| 1.1                                                                                                 | 9 m - Top 70 mm and Bottom 155 mm dia                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | No   | 4    |          |            |
| 2                                                                                                   | Supplying, Installation, Testing & Commissioning of Flood Light, powder coated pressure die cast aluminium body with built in or separate driver as per the requirement with Driver efficiency >85%, Input voltage: Input voltage: 140-270 Volt AC, frequency 50/60 hz, Operating temp range -5 0C to 50 0C, internal surge protection of 5 KV L,N,E as per IEC 61000-4-5, Driver efficiency >85%, THD < 10% as per IEC 61000-3-2, P. F. ≥ 0.95, IP-66, IK-10, CRI > 70, under voltage and over voltage protection EMI-EMC as per CISPR-15, lenses for beam angle 30 deg-120 deg as per the application and the project requirement., suitable tilt able fitting, life time (LED, Driver & electrical circuitry) of minimum 50000 Burning Hours with 70% of initial Lumen maintained till life ends as per LM80 extrapolation IES TM-21-11 report, CCT 3000°K / 4000°K / 5700°K / 6500°K (As per ANSI Bin), SDCM (Standard Deviation Colour Matching) < 5, Maximum power consumption should not more than the specified rating and Fixture shall be of relevant BIS standard complete in all respect i/c external connections with 1.5 sq.mm FRLS/HFFR, PVC |      |      |          |            |

|     |                                                                                                                                                                                                                                                                                                                                                                                                                                                              |       |        |  |  |
|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|--------|--|--|
|     | insulated copper conductor single core cable and earthing etc. as required with Minimum 5 year OEM warranty. System lumen efficacy >135lm/Watt output. LM79 & LM80 Test report and all testing required for LED fixtures as per BIS shall be submitted. Shape size and CCT shall be as approved by Engineer-in-Charge as per requirement. (Thermal management: heat sink of aluminium housing such that LED junction temperature shall not rise above 90°C). |       |        |  |  |
| 2.1 | 250 Watt LED Flood light, powder coated pressure die cast aluminum (System lumen efficacy 135 lm/Watt)                                                                                                                                                                                                                                                                                                                                                       | No    | 4      |  |  |
| 3   | Supplying and fixing angle iron frame work fabricated out of M.S. angle iron..and M.S. Flat.....with bolts, washers etc., and painted with 2 coats of red oxide and then two coats of approved paint.                                                                                                                                                                                                                                                        |       |        |  |  |
| 3.1 | 75 x 75 x 6 mm                                                                                                                                                                                                                                                                                                                                                                                                                                               | No    | 4.00   |  |  |
| 4   | Supplying of 4cx4 sq sqmm Al Armoured XLPE cable                                                                                                                                                                                                                                                                                                                                                                                                             | Meter | 221.00 |  |  |
| 5   | Supplying and drawing Flexible Multicore Cable manufactured with electrolytic grade flexible copper with low conductor confirming to IS 8130-1984 and (Virgin) PVC insulation sheathed suitable for working voltage upto 1100 Volts as per IS-694:1990                                                                                                                                                                                                       |       |        |  |  |
| 5.1 | 3C x 1.5 mm <sup>2</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                     | Meter | 40.00  |  |  |
| 6   | Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade sheathed / XLPE power cable of 1.1 KV grade of following size direct in ground including excavation and refilling the trench etc as required, but excluding sand cushioning and protective covering.                                                                                                                                                                  |       |        |  |  |
| 6.1 | Up to 35 sqmm                                                                                                                                                                                                                                                                                                                                                                                                                                                | Meter | 221.00 |  |  |
| 7   | Supplying and making end termination with brass compression gland and aluminium lugs for following size of PVC insulated and PVC sheathed / XLPE aluminium conductor cable of 1.1 KV grade as required.                                                                                                                                                                                                                                                      |       |        |  |  |
| 7.1 | 2x6 sqmm (19mm)                                                                                                                                                                                                                                                                                                                                                                                                                                              | No    | 6.00   |  |  |

|                 |                                                                                                                                                                                                                                                            |         |        |  |  |
|-----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|--------|--|--|
| 8               | Supplying and laying of following size DWC HDPE pipe ISI marked along with all accessories like socket, bend, couplers etc. conforming to IS 14930, Part II complete with fitting and cutting, jointing etc. in the existing trench, complete as required. |         |        |  |  |
| 8.1             | 32 mm dia (OD-40mm & ID-32 mm nominal)                                                                                                                                                                                                                     | Meter   | 245.00 |  |  |
| 9               | Fixing of Existing out door type street light floor mounted panels including connections & floor mounting with concrete                                                                                                                                    | No      | 1.00   |  |  |
| 10              | Supply and fixing of 5A to 32 A rating 240/415V 10KA 'C'curve minithure circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with,connections ,tesing and commissioning etc as required                          |         |        |  |  |
| 10.1            | SP MCB for inside pole                                                                                                                                                                                                                                     | No      | 4.00   |  |  |
| 10.2            | Tripple pole                                                                                                                                                                                                                                               | No      | 2.00   |  |  |
| 11              | Earthing With GI pipe 4.5 meter long,40mm dia including accessories,and providing masonry enclosure with cover plate having locking arrangements and watering pipe etc. with charcoal/coke & salt as required                                              | No      | 1.00   |  |  |
| 12              | Supplying and fixing of 6 SWG GI wire on Surface or in recess for loop earthing as required                                                                                                                                                                | Meter   | 75.00  |  |  |
| 13              | Hiring and running Charges of Crane 20 tonne for fixing the flood lights                                                                                                                                                                                   | Per day | 1.00   |  |  |
| 14              | Miscellaneous ( for rectification panel ,doors , stand , wiring, powdre coating painting etc.)                                                                                                                                                             | No      | 1.00   |  |  |
| TOTAL (₹)       |                                                                                                                                                                                                                                                            |         |        |  |  |
| GST (₹)         |                                                                                                                                                                                                                                                            |         |        |  |  |
| Grand total (₹) |                                                                                                                                                                                                                                                            |         |        |  |  |

(Contractors Sign and Seal)