

IITDh/IPS/2025-26/LPC/243
3rd February 2026

Invitation for Quotation

Name of the Work: Electrical Lighting arrangements at Admin Parking and erection of poles and luminaries on pathway

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, Chikmagalur.
Dharwad-580011.

Deadline for submission: 17th February 2026 up to 1300 hours

NOTE:

- Any quotes received after 1300 hours on 17/02/2026 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 -1

BOQ for LIGHTING ARRANGEMENT AT ADMIN PARKING AND ERECTION OF POLES AND LUMINARIES ON PATH WAY

Sl.No	Description	Quantity Required	Unit	Unit Per Rate	Total
1	Wiring for circuit/ submain wiring along with earth wire with the following sizes of FRLS/HFFR PVC insulated copper conductor, single core cable in surface/ recessed medium class PVC conduit as required.				
1.1	2 X 1.5 sq. mm + 1 X 1.5 sq. mm earth wire	100	Meter		
	2 X 2.5 sq. mm + 1 X 2.5 sq. mm earth wire	6	Meter		
2	Supplying & fixing suitable size GI box with modular plate and cover in front on surface or in recess including providing and fixing 25 A modular socket outlet and 25 A modular SP MCB, "C" curve including connections, painting etc. as required.	1	Each		
3	Supply and Installation /Fixing/ Provision of Pole box with HRC Fuse/MCB provision and suitable connector/ terminal for 3Ph/1Ph connections with Loop-In & Loop-Out terminals for 10mm ² /25 mm ² 3.5 C AI/Ar/Cu/Ar Cable and branch out 2.5 mm ² 2 core AI/Cu PVC Insulated cable, enclosed in a Thermoplastic, Polystyrene enclosure, which should be shockproof, safe, IP65(Weather Proof), rust proof, dustproof, waterproof having Internally Embedded Gasket with provision for cable entry through IP65 Thermoplastic, polyamide glands and/or grommets.				
3.1	200 mm x 200 mm x 98 mm	1	Each		
4	Supplying and drawing Flexible Multi core Cable manufactured with Electrolytic grade flexible copper with low conductor confirming to IS 8130-1984 and (Virgin) PVC insulation sheathed suitable for working voltage up to 1100 Volts as per IS-694:1990				
4.1	3C x 1.5 mm ²	32.00	Meter		
	4C x 4 mm ²	70.00	Meter		
5	1.1 kV, XLPE or Heat resistant PVC insulated, PVC extruded Inner Seath Armoured LTUG Cable as per IS-1554 (Part 1) or IS-7098 Part-1, Armouring strip thickness and resistivity as per IS-3975				
5.1	10 Sqmm, 4 Core, (10 GI Strips - 4 x 0.8 mm)	0.1650	KM		
6	Laying of cable in Existing Trench/GI pipe/Stone Ware/RCC Hume pipe using Wooden/ Aluminum Rollers as directed by the departmental staff				
6.1	LT Cable 2.5 to 25 Sqmm	0.1650	KM		
7	Supplying & fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energycross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898.				
7.1	6-32 A SP	6	Each		
	6-32 A DP	2	Each		

8	LED Batten light (System lumen efficacy $\geq 105 < 120$ lm/Watt). Supplying, Installation, Testing & Commissioning of LED surface mounted Batten light of following body material and construction as per IS : 10322 with driver (Replaceable) as per the requirement with Driver efficiency $> 85\%$, Operating voltage AC 140-270 Volt, frequency 50/60 hz, Operating temp range -5 °C to 40 °C, internal surge protection of 2.5 KV with Short & Open circuit protection, THD $< 10\%$, P. F. ≥ 0.95 , IP20, CRI > 80 , Flicker free, (flicker should be below 5 %), life time (LED, Driver & electrical circuitry), of minimum 50000 Burning Hours with 70% of initial Lumen maintained till life ends, CCT 3000°K / 4000°K / 5700°K / 6500°K (As per ANSI Bin), SDCM(Standard Deviation Colour Matching) Maximum power consumption should not more than the specified rating and Fixture shall be of relevant BIS standard. Manufacturers Word Mark/ Name Engraved/ Embossing/ Screen printing on housing. 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 ≥ 105 System lumen efficacy $\geq 105 < 120$ lm/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).				
8.1	Powder Coated CRCA Sheet Body (Thickness > 0.50 mm) 36 watt	16	Each		
9	Erection of metallic pole of following length in cement concrete 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40 mm nominal size) foundation including excavation and refilling etc. as required.				
9.1	Above 4.5 Meter and upto 6.5 Meter	4	Each		
10	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. direct in ground (75 cm below ground level) including excavation and refilling the trench but excluding sand cushioning and protective covering etc., complete as required.				
10.1	63 mm dia (OD-63 mm & ID-51 mm nominal)	140	Meter		
11	Fabricating supplying and mounting MS box made out 16 SWG suitable for floor / wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished with 7 tanks				

	treatment with powder coated paint and finally finished with approved colour etc., complete.				
11.1	16 SWG	12500	sq.cm		
12	Supply and fixing of 4pole power contactor with NO/NC contacts on existing wood/panel board using necessary bolts, nuts, washers and wiring etc., complete with AC-3 Rating and as per IS-13947.				
12.1	22/25 A	1	sq.cm		
13	Supplying and fixing Microprocessor based Electronic timer (without contactor, Din Mounting using necessary bolts, nuts and washers etc.,) 3-120sec setting 2315.00	1	Each		
14	Supplying and laying 6 SWG G.I. wire at 0.50 Meter below ground level for conductor earth electrode, including connection/ termination with GI thimble etc. as required.	20.00	Meter		
15	Providing and fixing 25 mm X 5 mm copper strip on surface or in recess for connections etc. as required.	0.30	Meter		
SUBTOTAL ₹					
GST ₹					
GRAND TOTAL ₹					

(Contractors Sign and Seal)