

QUOTATION

Name of Work: SITC of power supply cable/wire of lights installed in central lawn of Hall-9 and elsewhere in IIT Kanpur.

Sl. No.	Item Description	Qty	Units	Rate	AMOUNT
1	Supplying & drawing following sizes of FRLS PVC insulated copper conductor single core cable in / on the existing surface / recessed, PVC / steel conduit as reqd.				
a)	3 x 1.5 Sq.mm..	10.00	Mtr.	102.97	1029.70
2	Supply and & fixing following modular switch/ socket on the existing modular plates & switch box including connection but excluding modular plate etc. as reqd.				
a)	5/6 Amp one way switch	5.00	Nos.	119.80	599.00
b)	Modular type blanking plate.	1.00	Nos.	46.53	46.53
3	S & F following size/module, GI box along with modular base and cover plate for modular switches in recess as required.				
a)	6 module	1.00	Nos.	457.43	457.43
4	Supplying and fixing DP sheet steel enclosure on surface/ recess along with 25/32amps 240 volts "C" curve DP MCB complete with connections, testing and commissioning etc. including dismantelling the old DP sheet enclosure and submitting the same in store as required.	1.00	each	1245.54	1245.54
5	<u>LED Flood Light, powder coated pressure die cast aluminium (System lumen efficacy >135lm/Watt):</u> Supplying, Installation, Testing & Commissioning of Flood Light, including dismantelling and submitting the dismantle in store as required complete, 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-120deg 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 >135 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).				

Sl. No.	Item Description	Qty	Units	Rate	AMOUNT
a)	50 watt	5.00	Each	2068.32	10341.60
6	Supplying and erection of galvanised 'D' iron clamps complete with dismantling old D clamp, i/c steel fasteners, G. I. bolts, nuts and washers, coach screws etc. as required.	8.00	Set	307.92	2463.36
7	Supply and drawing steel armoured, XLPE insulated, PVC intersheathed copper conductor 3 core round cable 1100 volt grade as per IS 7098 (Part 1) 1988 Complete as required.				
a)	3 core armoured 1.5 sq.mm	184.00	Mtr.	214.85	39532.40
8	Locating fault in wiring rectifying removing & restoring supply the same & making good the damages etc as reqd.	1.00	Nos.	437.27	437.27
	Total Rs.				56152.83
	Total Estimated Rs.(i/c GST)				56153.00
	Quoted Percentage Above /Below				
	Quoted Amount Rs.(i/c GST)				

Bidder Signature & Date

Bidder Seal


 TALLURI KESAVADAS
 जलविभागी अभियंता (विद्युत)
 Executive Engineer (Elect)
 ज.मि.वि. ना.पौ. संस्थान, कावपुर
 J.W.D., I.I.T. Kanpur
 21/10/26