

INDIAN INSTITUTE OF TECHNOLOGY KANPUR**Tender Notice No. 36/Elect/2020****SCHEDULE OF QUANTITY****Name of Work: Replacement of faulty metal halide lights and providing additional light on existing pole in the main stadium at IIT Kanpur.**

Name of the Contractor					
S. No	Description of Items	Qty	Unit	Rate in Figures in Rupees	Amount
1	Supplying & drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the existing surface / recessed steel / PVC conduit as reqd.				
a	3 x 2.5 Sq.mm..	300.00	mtrs		
2	Numbering of ceiling fan/ exhaust fan/ fluorescent fittings as required.	40.00	Each		
3	Supplying and fixing 5 amps to 32 amps rating, 240/415 volts, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required.				
a	Single pole	45.00	No's		
b	Double pole	10.00	No's		
4	Earthing with G.I. earth pipe 4.5 metre long, 40 mm dia including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. with charcoal/ coke and salt as required.	2.00	No's		

S. No	Description of Items	Qty	Unit	Rate in Figures in Rupees	Amount
5	Supply / fixing , testing & commissioning of 250W LED TempoLED is a flood lighting luminaire with high power LED and unique flood optics to ensure uniform distribution and savings up to 50%* w.r.t conventional system and maintenance free system ideal for area lighting, high mast and billboard.. as required complete on existing pole upto 11 mtr. light cat No. BVP410 LED 250 CW HE NB FG S4 XTFCL LED make Phillips or its equivalent approved make	45.00	No's		
6	S & F following size angle iron in required shape and size 40x40x6mm i/c cutting, welding, painting etc. as reqd.	15.00	Mtr		
7	S&F, connecting and commissioning looping type cable end control box with MS sheet of 16 SWG of size 200 mm x 200 mm x 125 mm having 2 nos. brass neutral link 12.5 mm square rod 6 way approx. 60 mm long and fixed on 5 mm thick bakelite sheet. Box shall have almirah type hing and panel key type lock front door duly painted with earthing strud etc. complete as required.	15.00	Nos.		
8	Painting of up to 14.00 mtr long pole steel tubelar / GI street light poles with minimum two coats of good quality (approved make) aluminium paint after cleaning the surface and rubbing the old paint etc. as required complete.	40.00	No's		
9	Disconnecting and Dismantling/refixing damaged Switch /DB/KWH meter/pole fuse box of any size from site and depositing in store I/c cartage etc. as reqd.	15.00	Nos.		
10	Dismantling cross arm / street light brakcet/street light fitting from pole complete as required.	37.00	Nos.		
11	Supply and laying of HDPE pipe 32mm inner dia ISI mark 2 mm thick direct				

S. No	Description of Items	Qty	Unit	Rate in Figures in Rupees	Amount
a	In Ground I/c excavation, sand cushioning protective covering, refilling as reqd.	5.00	Mtr.		
b	Fixing on surface with MS clamp	5.00	Mtr.		
c	In existing open duct	20.00	Mtr.		
12	Dismantling and refixing brass compression type gland up to 35 sq. mm. cable	20.00	Nos.		
	Total Rs.				