

**INDIAN INSTITUTE OF TECHNOLOGY KANPUR****Tender Notice No. 146/IWD/ED/627****SCHEDULE OF QUANTITY****Name of Work: Replacement of old damaged post top lantern fittings in Park-67.**

Name of the Contractor					
S. No	Description of Items	Qty	Unit	Rate in Figures in Rupees	Amount
1	Supplying and fixing following piano type switch/ socket on the existing switch box/ cover including connections etc. as required.				
a	15/16 A switch	5.00	Nos.		
b	6 pin 15/16 A socket outlet	5.00	Nos.		
2	S & F of following rating & poles 240 volts 'C' curve 10 kA MCB in the existing MCB DB complete with connection, testing & commissioning etc as reqd.				
a	Single Pole (5A to 32A)	20.00	Nos.		
b	Double Pole (40A to 63A)	1.00	Nos.		
c	Four pole (40A to 63A)	1.00	Nos.		
3	Numbering of ceiling fan/ exhaust fan/ fluorescent fittings as required	40.00	Nos.		
4	Providing and fixing 6 SWG dia G.I. wire on surface or in recess for loop earthing as required.	20.00	Mtr.		
5	Supplying and making indoor end termination with brass compression gland and aluminium lugs for following size of PVC insulated and PVC sheathed/XLPE aluminium conductor cable of 1.1kV grade as reqd.				
a	2x10 sqmm(19mm)	8.00	each		
6	Painting with aluminium paint of approved brand and manufacture to give an even shade . (for feeder pillar)				
a	Two or more coats on new work	10.00	Sqm		

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7	Supplying and laying of one no. XLPE cable aluminium conductor steel armoured cable of size 2x6sqmm, grade 1.1kV in following manners.				
a	Direct in ground	10.00	Mtr		
8	Digging cable trench/lifting brick/s and cable for locating fault and refilling the trench, ramming & making good the same as reqd.	30.00	Mtr.		
9	Painting of steel tubler / 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 reqd. complete.				
a	up to 4.5 mtrs. Long	40.00	Nos.		
10	Dismantling damaged switch/DB/KWH meter/ all type fitting / ceiling fan / Exhaust fan/ Wall Fan / pole fuse box/TPN switches metal helide box with MCB/Pole fuse box and depositing in the section store.	12.00	Nos.		
11	S & F 3 mm thick phenolic laminated sheet on existing board with brass screw & cup washer etc as reqd.	500.00	Sq.inch		
12	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 1 no. 6amp to 32 amp SPMCB 250 volt and 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.	4.00	Nos.		
13	Dismantling and refixing brass compression type gland up to 35 sq. mm. cable	20.00	Nos.		
14	Dismantling cross arm / street light brakcet/street light fitting from pole complete as required.	25.00	Nos.		
15	Fixing cross arm / street light brakcet/street light fitting with MS clamps GI bolts with washer as required.	25.00	Nos.		

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16	S&F brass neutral link 5/8" square rod 6 way as required l/c hole and drilling & tapping with suitable size.	20.00	Nos.		
17	Supplying and drawing of following sizes of FRLSH PVC insulated copper conductor, 3 core round cable of following size in the existing surface/ recessed steel/ PVC conduit as required.				
a	1.5 Sq.mm	150.00	Mtrs.		
18	S/F testing commissioning of street light Luminures. Ruby (Clear) type following <b>LED posttop lantern</b> New generation, post-top, energy saving, environmental friendly, long life aesthetically designed with symmetrical light distribution, spun aluminium landscape luminaire with high power LEDs as light source.,make:havells or its equivalent, on the existing street light pole complete as required.				
a	40W	12.00	Nos.		
19	Fabrication, supplying & fixing of box of required size made out of 2mm thick CRCA sheet duly powder coated & openable from top-bottom or front required & fixing the same complete as required.	5.00	kg		
	<b>Total Rs.</b>				