



## SCHEDULE OF QUANTITY

Name of work: Electrical repairing of street light & sport facility area in the campus as per enclosed complaints..

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	2 x 4 Sqmm.	200.00	Mtr.		
2	Supplying and fixing following piano type switch/socket on the existing switch box/ cover including connections etc. as required.				
a)	5/6 amps switch	1.00	Nos.		
3	Supplying and fixing following way, horizontal type three pole and neutral, sheet steel, MCB distribution board, 415 V, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/Isolator)				
a	4 way (4 + 12), Double door	1.00	Nos.		
4	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.				
a	2 X 16 sq. mm (22mm)	2.00	Each		
b	2 X 25 sq. mm (22mm)	2.00	Each		
5	Dismantling of pole/ street light standard/ strut embedded in brick ballast foundation etc. as required.	1.00	Nos.		

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6	Supplying, installation, testing and commissioning of Astronomical time switch of following configuration to be mounted in feeder pillars / Lighting DBs for automatic switching On & OFF of street lights at sun set & sun rise or twilight (Auto ON, Auto OFF, Auto modes) with manual override facility with 12/24 hour display format with suitable battery and indication for relay status i/c programming at site complete as required.				
a	1 output per phase and suitable for single phase supply	3.00	Nos.		
7	Supplying and fixing of following size MS flexible pipe with PVC coating along with all ancillaries and accessories like coupler etc. as required.				
a)	25mm	20.00	Mtr		
8	S & F of following rating & poles 240 volts 'C' curve 10 kA MCB in the existing MCB DB				
a	Single Pole (40A to 63A)	14.00	Nos.		
b	Double Pole (40A to 63A)	6.00	Nos.		
c	Four pole (40A to 63A)	1.00	Nos.		
9	Supplying, fixing, connecting, commissioning & testing of ceiling fan without regulator and double ball bearing type including wiring the down rod of standard length (upto 30cm) with 1.5 sqmm PVC insulated copper wire single core cable complete as reqd.				
a)	1200 mm	2.00	Nos		
10	Supplying of one no. XLPE cable aluminium conductor steel armoured cable of size 2x16sqmm, grade 1.1kV in following manners.				
a	Direct in ground	30.00	Mtr		
b	In Open duct	2.00	Mtr		

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11	Supplying of one no. XLPE cable aluminium conductor steel armoured cable of size 2x25sqmm, grade 1.1kV in following manners.				
a	direct in ground	30.00	Mtr		
b	In Open duct	5.00	Mtr		
12	Locating fault in the cable lines with meggar etc and rectifying removing & restoring the same and making good the damages etc as required.				
a	upto 35 sqmm	35.00	Nos.		
13	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.	21.00	Nos.		
14	Fixing cross arm / street light brakcet/street light fitting with MS clamps GI bolts with washer as required.	6.00	Nos.		
15	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.	1.00	Nos.		
16	Supplying and drawing of following sizes of FRLS 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	10.00	Mtr		

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17	Providing and replacement of damaged internal wiring of fitting of any type with 1.5 sq.mm. PVC insulated copper single core wire i/c dismantling & refixing as reqd.	1.00	Mtr.		
18	Dismantling & disconnecting and refixing of exhaust fan from 12" to 24 " size with required nut bolts, fasteners, rag bolts etc.	1.00	Nos.		
19	Supply / fixing , testing & commissioning of 18W PL-L LED fitting suitable for Surface, Wall & Conduit mounting (with accessories).complete with all fixing accessories and as per required complete LED make Phillips or its equivalent make etc as reqd	2.00	Nos.		
20	S/F testing commissioning of 48W LED fitting for street light Luminures. streetlight made up of pressure die cast housing with toughned glass and individual high power LEDs with secondary optics, IP66 Driver,make:havells or its equivalent, on the existing street light pole complete as required.	5.00	Nos.		
21	Dismantling and refixing brass compression type gland up to 35 sq. mm. cable	34.00	Nos.		
22	Digging cable trench/lifting brick/s and cable for locating fault and refilling the trench, ramming & making good the same as reqd.	28.00	Mtr.		
23	Supply, installation, testing and commissioning of 3 pole power contactor following capacity as per requirement MAKE:legrand or equivalent with coil voltage 440 volts AC as reqd.				
a	32/40Amp	1.00	Nos.		
24	Supplying, fixing, connecting, commissioning and testing of double side connection following luminaries light fixtures complete with all accessories and with lamp as required complete.				
a)	LED tube 18 / 20 Watt.	1.00	Nos.		

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25	Dismantling,repairing cleaning and commissioning of all type of street light fitting on pole/ walls etc. as reqd.	24.00	Nos.		
26	Supply, Installation of exhaust fan, 900 rpm 220 volt AC, 50 Hz of following sweep in the existing opening l/c connection, testing, commissioning etc as reqd.				
a)	450 mm	1.00	Nos.		
	Total Rs.				