

**SCHEDULE OF QUANTITY**

Nmae of work: Repairing & replacement of defective LED fittings, modular switch, socket, fans and round cable etc with allied electrical work at IIT K Outreach centre NOIDA.

Name of the Contractor					
S. No	Description of Items	Qty	Unit	Rate in Figures in Rupees	Amount
1	Laying of one no. PVC insulated and PVC sheathed /XLPE power cable (Size 185 sqmm to 400 sqmm) of 1.1kV grade of following place etc. as reqd.				
a)	In Ground I/c excavation, sand cushioning protective covering, refilling of earth as reqd.	60.00	Mtr.		
b)	In existing Pipe	4.00	Mtr.		
c)	In existing open duct	250.00	Mtr.		
d)	Fixing on surface with MS clamp	2.00	Mtr.		
2	Supply and installation testing and commissioning of following surface mounted, IP20, with metallic CRCA powder coated housing cover highefficiency diffuser, THD less than10, power factor above 0.9. Philips make or its equivalent.				
a)	36/40W LED surface light 2"X2" cat no. SM365C LED32-6500 PSU	36.00	Nos.		
b)	32W LED surface light 1"X4" long fitting cat no. SM 270C LED 30S 6500 PSU WH	16.00	Nos.		
c)	12W LED surface light 1"X1" or round cat no. SM 250/260	40.00	Nos.		
3	Supply and fixing of following LED type street light fixture with Electronic driver,lamp, reflector, diffusser, With IP 65/66 protection MS/ aluminium body/ housing holder etc. complete with all fixing accessories and lamp as required.				
a)	40W LED POST top lantern (Ca. No.-LPTO 40 CDL ) crompton make	6.00	Nos.		

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b)	60W LED Street light (Ca. No.- LSTP- 60-CDL-M) crompton make	6.00	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)	3 X 300 sq. mm (70mm)	4.00	Nos.		
5	Providing and fixing following sizes of PVC casing and capping on surface as reqd.				
a)	20 X 12 mm	70.00	Mtr.		
b)	25 X 16 mm	30.00	Mtr.		
6	Supply and drawing PVC insulated 3 core round cable of 2.5 Sq.mm size for connection of equipments / exhaust fan & other work as reqd.	50.00	Mtr.		
7	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required.				
a)	5/6 amps switch	10.00	Nos		
b)	15/16 amp switch	2.00	Nos		
c)	3 pin 5/6 amp socket outlet	6.00	Nos		
d)	6 pin 15/16 amp socket outlet	8.00	Nos		
e)	fan regulator stepped type	25.00	Nos		
8	Supplying and fixing following Modular base & cover plate on existing modular metal boxes etc. as required.				
a)	3 Module	2.00	Each		
b)	4 Module	2.00	Each		
c)	6 Module	5.00	Each		

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9	Supply fixing connecting & commissioning of 5/6 Amp. rating 3 pin Plug top Anchor make as reqd complete.	6.00	Nos		
10	Supply, Installation, Testing and Commissioning of 1200 mm sweep, BEE 5 star rated, ceiling fan with Brush Less Direct Current (BLDC) Motor, class of insulation: B, 3 nos. blades, 30 cm long down rod, 2 nos. canopies, shackle kit, safety rope, copper winding, Power Factor not less than 0.9, Service Value (CMM/W) minimum 6.85, Air delivery minimum 215 CMM, 350 RPM (tolerance as per IS : 374-2019), THD less than 10%, remote or electronic regulator unit for speed control and all remaining accessories including safety pin, nut bolts, washers, temperature rise=75 degree C (max.), insulation resistance more than 2 mega ohm, suitable for 230 V, 50 Hz, single phase AC Supply, earthing etc. complete as required.	5.00	Nos		
11	Supplying and fixing 2.5 MFD capacity capacitor suitable for ceiling fan / exhaust fan / air-curtain etc.	14.00	Nos		
12	Dismantling, disconnecting old damaged unserviceable fl fitting/ exhaust fan/ ceiling fan/ bulkhead fitting with bracket etc. as reqd. and depositing in sectional store.	92.00	Nos.		
13	Dismantling cross arm / street light bracket/street light fitting from any size of pole complete as required and depositing in sectional store.	12.00	Nos.		
	Total Rs.				