

QUOTATION

Name of work :- Renovation / modification of electrical installation of vacate house No. 481 type-IV in the campus at IIT Kanpur.

S.No	DESCRIPTION	Qty	Unit	Rate (in words & Figures)	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)	1 x 1.5 Sq.mm..	50.00	Mtr.		
b)	3 x 1.5 Sq.mm..	70.00	Mtr.		
c)	3 x 4 Sq.mm..	40.00	Mtr.		
2	Supplying and drawing telephone cable of 2 pair 0.5 mm dia FRLS PVC insulated annealed copper conductor, unarmored telephone cable in the existing surface/ recessed steel/ PVC conduit as required.	25.00	Mtr.		
3	Supplying and fixing of following size of steel conduit along with the accessories in surface/recess I/c painting in case of surface conduit or cutting the wall and making good the same in case of recessed conduit. as reqd.				
a)	20 mm	2.00	Mtr.		
b)	25 mm	2.00	Mtr.		
4	Supplying and fixing of following sizes of medium class PVC conduit along with accessories in surface/recess including cutting the wall and making good the same in case of recessed conduit as required.				
a)	20 mm	2.00	Mtr.		
b)	25 mm	2.00	Mtr.		

S.No	DESCRIPTION	Qty	Unit	Rate (in words & Figures)	Amount
c)	32 mm	1.00	Mtr.		
5	Supplying and fixing metal box of following sizes (nominal size) on surface or in recess with suitable size of phenolic laminated sheet cover in the front I/c painting etc as reqd.				
a)	180 mm x 100 mm x 60 mm deep	1.00	Nos.		
6	Supplying and fixing following size/ modules, GI/ plastic box alongwith modular base & cover plate for modular switches in recess etc. as required.				
a)	1 or 2 Module (75mmX75mm)	25.00	Nos.		
b)	3 Module (100mmX75mm)	5.00	Nos.		
c)	4 Module (125mmX75mm)	2.00	Nos.		
d)	6 Module (200mmX75mm)	10.00	Nos.		
e)	8 module (125mmX125mm)	5.00	Nos.		
f)	12 module (200mmX150mm)	2.00	Nos.		
7	Supplying and fixing following modular base & cover plate on existing modular metal boxes etc. as reqd.				
a)	1 or 2 module	25.00	Nos.		
b)	3 module	5.00	Nos.		
c)	4 module	2.00	Nos.		
d)	6 module	10.00	Nos.		
e)	8 module	5.00	Nos.		
f)	12 module	2.00	Nos.		

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S.No	DESCRIPTION	Qty	Unit	Rate (in words & Figures)	Amount
8	Supply, fixing, following modular type switch / socket on existing modular plate & switch box including connectins but excluding modular plate etc. as reqd.				
a)	5/6 Amp switch	71.00	Nos.		
b)	2 way 5/6 amps switch	5.00	Nos.		
c)	15/16 Amp. switch	10.00	Nos.		
d)	3 Pin 5/6 Amp. socket outlet	24.00	Nos.		
e)	6 Pin 15/16 Amp. socket outlet.	10.00	Nos.		
f)	Telephone socket outlet	2.00	Nos.		
g)	Bell Push	1.00	Nos.		
h)	Fan regulator socket type rotary step	6.00	Nos.		
i)	Blanking plate	5.00	Nos.		
9	Supplying and fixing 3 pin, 5 amp. Ceiling rose on the existing junction box/ wooden block including connection etc. as reqd.	24.00	Nos.		
10	Supplying and fixing brass batten/ angle holder including connection etc. as required.	10.00	Nos.		
11	Supplying and fixing call bell/ buzzer suitable for ac single phase, 230 volts, complete as required.	1.00	Nos.		
12	Supplying and fixing 5 amps to 32 amps rating, 240 volts, 'C' series, MCB suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as reqd.				
a)	Single Pole	1.00	Nos.		


S.No	DESCRIPTION	Qty	Unit	Rate (in words & Figures)	Amount
13	Supplying and fixing following rating double pole (single phase & neutral) 240 volts RCCB (ELCB), having sensivity current up to 30 mA in the existing MCB DB complete with connection,testing & commissioning etc as reqd.				
a)	63 Amp	1.00	Nos.		
14	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, 2nos. canopies, shackle kit, safety rope, copper winding, Power Factor not less than 0.9, Service Value (CM/M/W) minimum 6.00, Air delivery minimum 210 Cum/Min , 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.	1.00	Each		
15	Providing and fixing following sizes of PVC casing and capping on surface as reqd.				
a)	20 x 12 mm	25.00	Mtr.		
b)	25 x 16 mm	20.00	Mtr.		
c)	32x 16 mm	10.00	Mtr.		
d)	38 x 16 mm	5.00	Mtr.		
16	Supply, Installation, testing & commissioning of AC ceiling fan of following sweep 220 volts without regulator I/c wiring the down rods of standard length up to 30 cm with 1.5 sq.mm. PVC insulated copper conductor single core cable etc as reqd.				



S.No	DESCRIPTION	Qty	Unit	Rate (in words & Figures)	Amount
a)	1400 mm	1.00	Nos.		
17	Supplying fixing erection of wall bracket/ceiling fittings of all sizes and shapes containing upto two GLS lamps per fitting complete with all accessories including connecting etc as required (without Lamp).				
a)	12W LED surface light	2.00	Nos.		
b)	Wall bracket 0533	4.00	Nos.		
c)	LED bulkhead (WT140W LED7S CW PSU S1 PC-9405 Philips make or equivalent as	5.00	Nos.		
18	S & F wood board of following sizes (nominal size) on surface or in recess with suitable size of phenolic laminated sheet cover in the front etc as reqd.				
a)	100 mm x 100 mm	10.00	Nos.		
19	Supplying and fixing 3 mm thick phenolic laminated sheet on existing board with brass screw & cup washer etc as reqd.	50.00	Sq.cm		
20	Dismantling of switch / socket /regulator etc. and depositing the same in departmental store as reqd.	20.00	Nos.		
21	Fixing of RJ-45 modular box with cover plate or I/o box for internet on surface/ recessed cutting the wall making good the same as required. (box and cover plate will be supplied by dept.)	2.00	Nos.		
22	Dismantling of any type of switch board of any seizes on surface or in recessed etc and depositing the same in departmental store as reqd.	10.00	Nos.		

S.No	DESCRIPTION	Qty	Unit	Rate (in words & Figures)	Amount
23	Laying UTP cable enhanced cat 5/cat 6 cable in existing steel conduit pipe/GI pipe/raceway / RCC pipe as reqd. the cost shall also include numbering of networking wire from room to rack as reqd. (wire will be supplied by dept)	40.00	Mtr.		
24	Supply and laying of HDPE pipe ISI mark of 25 mm (8Kg / cm ²) size inner dia, 2mm thick I/c cartage loading & unloading etc. as reqd.				
a)	Direct in ground I/c excavation, sand cushioning, protective covering and refilling the trench etc. as reqd.	10.00	Mtr.		
b)	In pipe	5.00	Mtr.		
c)	In open duct	2.00	Mtr.		
d)	On surface with MS clamp	2.00	Mtr.		

Total Rs.


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