

**INDIAN INSTITUTE OF TECHNOLOGY KANPUR****Tender Notice No. 92/IWD/ED/341****SCHEDULE OF QUANTITY**

Name of work: Repairing &amp; replacement of defective switch/ socket, casing &amp; capping distribution boards etc at north side main drive residences as per enclosed complaints at IIT Kanpur.

Name of the Contractor					
S. No	Description of Items	Qty	Unit	Rate in Figures in Rupees	Amount
1	Supplying and drawing following sizes of FR PVC insulated copper conductor, single core cable in the existing surface/ recessed steel/ PVC conduit/ PVC trunking as required.				
1.1	1 x 1.5 sq. mm	28.00	Mtr.		
1.2	3 x 1.5 sq. mm	30.00	Mtr.		
1.3	3 x 4 sq. mm	35.00	Mtr.		
2	Supplying and fixing following piano type switch/ socket on the existing switch box/ cover including connections etc. as required.				
2.1	5/6 amp switch	43.00	Each		
2.2	2 way 5/6 amp switch	7.00	Each		
2.3	3 pin 5/6 amp socket outlet	17.00	Each		
2.4	15/16 amp switch	7.00	Each		
2.5	6 pin 15/16 amp socket outlet	6.00	Each		
2.6	Telephone socket / jack outlet	1.00	Each		
2.7	Call bell push	4.00	Each		
3	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required.				
3.1	5/6 amp switch	8.00	Each		

S. No	Description of Items	Qty	Unit	Rate in Figures in Rupees	Amount
3.2	3 pin 5/6 amp socket outlet	3.00	Each		
3.3	15/16 amp switch	5.00	Each		
3.4	6 pin 15/16 amp socket outlet	3.00	Each		
3.5	Telephone socket outlet	1.00	Each		
4	Supplying and fixing two module stepped type electronic fan regulator on the existing modular plate switch box including connections but excluding modular plate etc. as required.	3.00	Each		
5	Supplying and fixing following size/ modules, GI/PVC box alongwith modular base & cover plate for modular switches in recess etc as required.				
5.1	3 Module (100mmX75mm)	1.00	Each		
5.2	6 Module (200mmX75mm)	1.00	Each		
6	Supplying and fixing following Modular base & cover plate on existing modular metal boxes etc. as required.				
6.1	4 Module	5.00	Each		
6.2	12 Module	1.00	Each		
7	Supplying and fixing modular blanking plate on the existing modular plate & switch box excluding modular plate as required.	5.00	Each		
8	Supplying and fixing 3 pin, 5 A ceiling rose on the existing junction box/ wooden block including connections etc. as required.	3.00	Each		
9	Supplying and fixing brass batten/ angle holder including connection etc. as required.	14.00	Each		
10	Supplying and fixing call bell/ buzzer suitable for single phase, 230 V, complete as required.	2.00	Each		

S. No	Description of Items	Qty	Unit	Rate in Figures in Rupees	Amount
11	Supply and installation of 400mm sweep AC 230/250 volts, 50 Hz wall mounting revolving fan with brackets etc complete.	1.00	Each		
12	Supply, Installation, testing & commissioning of AC ceiling fan of following sweep 220 volts without regulator l/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.				
12.1	1200 mm	23.00	Each		
13	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.				
13.1	300 mm	1.00	Each		
14	Locating fault in wiring rectifying removing & restoring supply the same & making good the damages etc as reqd.	10.00	Each		
15	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.				
15.1	Single pole	1.00	Each		
16	Supplying and fixing following rating, double pole, (single phase and neutral), 240 V, residual current circuit breaker (RCCB), having a sensitivity current 300 mA in the existing MCB DB complete with connections, testing and commissioning etc. as required.				
16.1	40 Amp	1.00	Each		
16.2	63 Amp	1.00	Each		
17	Supplying and fixing following piano type switch/ socket on the existing switch box/ cover including connections etc. as required.				

S. No	Description of Items	Qty	Unit	Rate in Figures in Rupees	Amount
17.1	Fan Regulator socket type	4.00	Each		
18	Providing and fixing following sizes of PVC casing and capping on surface as reqd.				
18.1	20 X 12 mm	25.00	Mtr.		
18.2	25 X 16 mm	25.00	Mtr.		
18.3	32 X 16 mm	1.00	Mtr.		
19	Supplying and fixing wooden board of following sizes on surface/recessed with suitable size of phenolic laminated sheet cover etc. complete as required.				
19.1	100 mm X 100 mm	8.00	Each		
19.2	175 mm X 100 mm	6.00	Each		
19.3	200 mm X 150 mm	1.00	Each		
19.4	200 mm X 250 mm	1.00	Each		
20	Supplying and fixing 3 mm thick phenolic laminated sheet on existing board with brass screw and cup washer etc. complete as required.	1444.00	Sq.cm		
21	Supplying, fixing, connecting, commissioning and testing of the following luminaries light fixtures complete with all accessories and without lamp as required complete.				
21.1	Bulk head fitting suitable for 60W GLS lamp	4.00	Each		
22	Supply / fixing and connecting & commissioning following CFL / lamps in existing fitting as req.				
22.1	LED PL-L18 watt	6.00	Each		
22.2	LED tube light 18 / 20 Watt.	9.00	Each		
23	Supplying, fixing, testing & commissioning and testing of the following luminaries light fixtures with Electronic driver, LED Lamp, reflector, diffuser, MS housing etc complete with all accessories as required.				

S. No	Description of Items	Qty	Unit	Rate in Figures in Rupees	Amount
23.1	LED tube light fitting (2 X 18 / 20 Watt. LED) surface mounting luminaires	2.00	Each		
24	Supply and fixing of 36 watt recess mounting LED light fixture 600 X 600 mm with electronic driver, LED lamp, reflector, diffuser, MS Body/ housing holder etc. complete with all accessories as required.	12.00	Each		
25	Supply / fixing , testing & commissioning of 10W LED. recess mounted round LED panel al. die cast body with premium diffuser to ensure glare free as required complete LED etc as reqd.	18.00	Each		
26	Dismantling, disconnecting old damaged unserviceable fl fitting/ exhaust fan/ ceiling fan/ bulkhead fitting with bracket etc. as reqd. and depositing in sectional store.	5.00	Each		
27	Dismantling and refixing of switch / socket /regulator l/c cleaning, connecting, commissioning etc as reqd.	79.00	Each		
28	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.	14.00	Mtr.		
29	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)	20.00	Mtr.		
30	Fixing of RJ-45 modular box with cover plate or l/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.)	1.00	Each.		
31	Dismantling and refixing of wooden board of any sizes on surface or in recessed etc as reqd.	5.00	Each		
	<b>Total Rs.</b>				