

**INDIAN INSTITUTE OF TECHNOLOGY KANPUR****Tender Notice No. 77/IWD/ED/290****SCHEDULE OF QUANTITY**

Name of work: Repairing and replacement electrical maintenance work at Visitor Hostel-2, old SBRA, New SBRA, RA Hostel and RA Tower as per enclosed complaints.

Name of the Contractor					
S. No	Description of Items	Qty	Unit	Rate in Figures in Rupees	Amount
1	Rewiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable and 1.5 sq.mm. FRLS PVC insulated copper conductor single core cable as earth wire in existing surface/ recessed steel conduit including dismantling as required.				
a)	Group 'A'	3.00	Points		
2	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..	5.00	Mtr.		
b)	3 x 1.5 Sq.mm..	60.00	Mtr.		
c)	3 x 4 Sq.mm..	80.00	Mtr.		
d)	3 x 6 Sq.mm..	40.00	Mtr.		
3	S & F following piano type switch /socket on existing switch box/cover I/c connection etc as reqd.				
a)	5/6 Amp switch	24.00	Nos.		
b)	2 way 5/6 A switch	1.00	Nos.		
c)	15/16 Amp. switch	6.00	Nos.		
d)	3 Pin 5/6 Amp. socket outlet	14.00	Nos.		
e)	6 Pin 15/16 Amp. socket outlet.	7.00	Nos.		
f)	Bell push	2.00	Nos.		

S. No	Description of Items	Qty	Unit	Rate in Figures in Rupees	Amount
4	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	48.00	Nos.		
b	2 way 5/6 A switch	1.00	Nos.		
c)	15/16 Amp. switch	19.00	Nos.		
d)	3 Pin 5/6 Amp. socket outlet	10.00	Nos.		
e	6 Pin 15/16 Amp. socket outlet.	19.00	Nos.		
f)	Fan regulator socket type rotary step	10.00	Nos.		
5	Supplying and fixing modular blanking plate on the existing modular plate & switch box excluding modular plate as required.	16.00	Nos.		
6	S & F following size/modules, GI box along with modular base and cover plate for modular switches in recess etc.as required.				
a	3 module	12.00	Nos.		
b	4 module	12.00	Nos.		
c)	8 module	12.00	Nos.		
7	S/F following modular base & cover plate on existing modular metal boxes etc. as reqd.				
a)	1 or 2 module	10.00	Nos.		
b)	3 module	16.00	Nos.		
c)	4 module	15.00	Nos.		
d)	6 module	18.00	Nos.		
e)	8 module	11.00	Nos.		
f)	12 module	2.00	Nos.		

S. No	Description of Items	Qty	Unit	Rate in Figures in Rupees	Amount
8	Supplying and fixing 3 pin, 5 amp. Ceiling rose on the existing junction box/ wooden block including connection etc. as reqd.	3.00	Nos.		
9	Supplying and fixing brass batten/ angle holder including connection etc. as required.	10.00	Nos.		
10	Supplying and fixing call bell/ buzzer suitable for single phase, 230 V, complete as required.	15.00	Nos.		
11	Supplying and fixing of 32 mm dia X 2.00 metres long G.I. pipe (medium class) bracket for mounting of fluorescent / HPMV / HPSV street light fitting on pole including bending the pipe to the required shape, 2 nos 40 mm X 3 mm flat iron clamps with nuts, bolts and washer, painting the flat iron with primer and finish paint etc. as required.	4.00	Nos.		
12	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	4.00	Nos.		
b)	175 mm x 100 mm	5.00	Nos.		
c)	200 mm x 150 mm	5.00	Nos.		
d)	200 mm x 250 mm	2.00	Nos.		
13	Providing and fixing following sizes of PVC casing and capping on surface as reqd.				
a)	20 x 12 mm	23.00	Mtr.		
b)	25 x 16 mm	23.00	Mtr.		
c)	32x 16 mm	1.10	Mtr.		
d)	38 x 16 mm	16.28	Mtr.		
14	S & F 3 mm thick phenolic laminated sheet on existing board with brass screw & cup washer etc as reqd.	2000.00	Sq.cm		
15	Dismantling and refixing of switch / socket /regulator I/c cleaning, connecting, commissioning etc as reqd.	23.00	Nos.		

S. No	Description of Items	Qty	Unit	Rate in Figures in Rupees	Amount
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.				
a)	1200 mm	20.00	Nos.		
b)	1400 mm	17.00	Nos.		
17	Supply and installation of 400mm sweep AC 230/250 volts, 50 Hz wall mounting revolving fan with brackets etc complete.(make Havells or its equivalent approved make)	5.00	Nos.		
18	Supply / fixing , testing & commissioning of 12W LED. Round surface mounted LED flat panel. PDC aluminum housing and PMMA diffuser makes it a robust Luminaire.complete with all fixing accessories and lamps as required complete LED make Crompton Greaves or its equivalent make etc as reqd	2.00	Nos.		
19	Supply, fixing, connecting, commissioning & testing 7W 1 ftor 2 ftLED wall / mirror light. They say that mirror never lie. Linnet helps you to give your true reflection without shadows. etc as reqd.	2.00	Nos.		
20	Locating fault in wiring rectifying removing & restoring supply the same & making good the damages etc as reqd.	15.00	Nos.		
21	S & F following piano type switch /socket on existing switch box/cover I/c connection etc as reqd.				
a)	Fan regulator socket type rotary/dimmer	4.00	Nos.		
22	Supplying, fixing, connecting, commissioning and testing of the following luminaries light fixtures complete with all accessories and without lamp as required complete.				
a)	Drum light cat No.03 PV / 02 decon make or its equivalent approved make	3.00	Nos.		
b)	Wall bracket Decon make cat. no. 0553 or equivalent or its equivalent approved make	3.00	Nos.		
c)	Bulk head fitting suitable for 60W GLS lamp, Philips make or equivalent or its equivalent approved make	8.00	Nos		

S. No	Description of Items	Qty	Unit	Rate in Figures in Rupees	Amount
23	Supplying, fixing, connecting, commissioning and testing of the following luminaries light fixtures complete with all accessories and with lamp as required complete.				
a)	LED tube light with fitting (1 X 18 / 20 Watt. LED) surface mounting luminaires wipro make or its equivalent approved make	6.00	Nos.		
24	Supply / fixing and connecting & commissioning following CFL / lamps in existing fitting as reqd. (Make-Phillips or its equivalent approved make)				
a	LED tube light 18 / 20 Watt.	10.00	Nos.		
25	S & F 40 amp to 63 amp rating 240 volts 'C' curve 10 kA MCB of following pole in the existing MCB DB complete with connection, testing & commissioning etc as reqd. (legrand)				
a	Double pole	2.00	Nos.		
26	Fixing cross arm / street light bracket/street light fitting with MS clamps GI bolts with washer as required.	4.00	Nos.		
27	Supply, Installation of exhaust fan, 900 rpm 220 volt AC, 50 Hz of following sweep in the existing opening I/c connection, testing, commissioning etc as reqd.				
a	300 mm	8.00	Nos.		
b	450 mm	1.00	Nos.		
28	S & F connecting & commissioning of following rating 3 pin 15Amp plug top Anchor makes req. complete.	1.00	Nos.		
29	Dismantling & refixing of any size of ceiling fan from normal height.	4.00	Nos.		
	<b>Total Rs.</b>				