

**INDIAN INSTITUTE OF TECHNOLOGY KANPUR**



**Tender Notice No. 12/IWD/ED/47**

**SCHEDULE OF QUANTITY**

**Name of Work: Maintenance work at south side residences as per enclosed complaints.**

Name of the Contractor					
S. No	Description of Items	Qty	Unit	Rate in Figures in Rupees	Amount
<b>1</b>	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.				
<b>a)</b>	Group 'A'	1.00	Points		
<b>2</b>	Supplying & drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the existing surface / recessed steel / PVC conduit as reqd.				
<b>b</b>	3 x 1.5 Sq.mm..	21.00	Mtr.		
<b>d</b>	3 x 4 Sq.mm..	100.00	Mtr.		
<b>e</b>	2 x 4 Sq.mm..	11.00	Mtr.		
<b>3</b>	S & F following piano type switch /socket on existing switch box/cover I/c connection etc as reqd.				
<b>a)</b>	5/6 Amp switch	22.00	Nos.		
<b>b</b>	2 way 5/6 A switch	2.00	Nos.		
<b>c)</b>	15/16 Amp. switch	12.00	Nos.		
<b>d)</b>	3 Pin 5/6 Amp. socket outlet	12.00	Nos.		
<b>e)</b>	6 Pin 15/16 Amp. socket outlet.	12.00	Nos.		
<b>f)</b>	Bell push	1.00	Nos.		
<b>4</b>	Supply, fixing, following modular type switch / socket on existing modular plate & switch box including connectins but excluding modular plate etc. as reqd.				
<b>a)</b>	5/6 Amp switch	17.00	Nos.		
<b>b)</b>	2 way 5/6 A switch	1.00	Nos.		

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c)	15/16 Amp. switch	13.00	Nos.		
d)	3 Pin 5/6 Amp. socket outlet	8.00	Nos.		
e)	6 Pin 15/16 Amp. socket outlet.	11.00	Nos.		
f)	Bell push	1.00	Nos.		
g)	Fan regulator socket type rotary step	5.00	Nos.		
5	Supply & fixing modular blanking plate on existing metal boxes but excluding modular plate as req.	6.00	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	3.00	Nos.		
b)	4 module	2.00	Nos.		
7	S/F following modular base & cover plate on existing modular metal boxes etc. as reqd.				
a)	1 or 2 module	3.00	Nos.		
b)	3 module	5.00	Nos.		
c)	4 module	4.00	Nos.		
f)	12 module	1.00	Nos.		
8	Supplying and fixing brass batten/ angle holder including connection etc. as required.	14.00	Nos.		
9	Supplying and fixing call bell/ buzzer suitable for single phase,230 V, complete as required.	2.00	Nos.		
10	Supplying and fixing following way, single pole and neutral, sheet steel, MCB distribution board, 240 volts, 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)	8-way , Double door	1.00	Nos.		
b)	12 way , Double door	1.00	Nos.		

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11	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	18.00	Nos.		
12	S & F following rating double pole (single phase & neutral) 240 volts RCCB (ELCB), having sensitivity current up to 30 mA in the existing MCB DB complete with connection, testing & commissioning etc as reqd.				
a)	40 Amp	3.00	Nos.		
13	Providing, laying and fixing following dia G.I. pipe (medium class) with all accessories, cutting and filling chase on wall/floor for cable entry including the cost of setting at both the ends complete as required.				
a	50 mm dia	7.00	Mtr.		
14	Providing and fixing following sizes of PVC casing and capping on surface as reqd.				
a)	20 x 12 mm	57.00	Mtr.		
b)	25 x 16 mm	5.00	Mtr.		
15	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	6.00	Nos.		
b)	175 mm x 100 mm	12.00	Nos.		
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	5.00	Nos.		
17	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)	Single Pole	2.00	Nos.		

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b)	Double pole	1.00	Nos.		
c)	Triple Pole	2.00	Nos.		
d)	Four Pole	2.00	Nos.		
18	Locating fault in wiring rectifying removing & restoring supply the same & making good the damages etc as reqd.	17.00	Nos.		
19	Supply and installation of 400mm sweep AC 230/250 volts, 50 Hz wall mounting revolving fan with brackets etc complete.(make Havells)	2.00	Nos.		
20	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	2.00	Nos.		
b	450 mm	2.00	Nos.		
21	Supplying, fixing, connecting, commissioning and testing of the following luminaries light fixtures complete with all accessories and without lamp as required complete.				
a	Supply & fixing of 12 W surface mounted light ec.as reqd. make Havells OR equivalent approved make.	13.00	Nos.		
b	LED tube light fitting (1 X 18 / 20 Watt. LED) surface mounting luminaires wipro meke	7.00	Nos.		
22	Supply / fixing and connecting & commissioning following CFL / lamps in existing fitting as reqd.(Make-Phillips)				
a)	LED bulb 5W to 10 W	6.00	Nos.		
b	LED tube light 18 / 20 Watt.	4.00	Nos.		
23	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 equivalent.	2.00	Nos.		
b)	Wall bracket Decon make cat. no. 0553 or equivalent.	2.00	Nos.		
c)	Bulk head fitting suitable for 60W GLS lamp, Philips make or equivalent.	3.00	Nos		

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d)	Wall light stylo fitting 14W Havells make or equivalent.	4.00	Nos		
24	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)	200.00	Mtr.		
25	Dismantling and refixing of wood board of any size on surface or in recessed etc as reqd.	12.00	Nos.		
26	Dismantling damaged DB/TPN Switches/ loose wire boxes along with all accessories and depositing the same in the store as reqd.	1.00	Nos.		
27	S & F 3 mm thick phenolic laminated sheet on existing board with brass screw & cup washer etc as reqd.	3590.00	Sq.cm		
28	Dismantling and refixing of switch / socket /regulator I/c cleaning, connecting, commissioning etc as reqd.	33.00	Nos.		
29	Dismantling the old conduit pipe/wood batten of all sizes from surface/recessed & making good the damages I/c filling the holes of the surface etc as reqd.	25.00	Mtr.		
30	Supply and laying of HDPE pipe ISI mark of 25 mm (8Kg / cm <sup>2</sup> ) 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.	58.00	Mtr.		
b)	In pipe	10.00	Mtr.		
c)	In open duct	1.00	Mtr.		
d)	On surface with MS clamp	2.00	Mtr.		
	Total Rs.				