

**INDIAN INSTITUTE OF TECHNOLOGY KANPUR**

**Tender Notice No. 99/IWD/ED/566**

**SCHEDULE OF QUANTITY**

Name of Work: Modification of electrical installation vacate H.No. 304, 308, 3006, 3012, 3058 and rewiring of H.No. 659 Type-IV i/c servant quarter and garrage.

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 'B'	56.00	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>a)</b>	1 x 1.5 Sq.mm..	100.00	Mtr.		
<b>b)</b>	3 x 1.5 Sq.mm..	250.00	Mtr.		
<b>c)</b>	3 x 4 Sq.mm..	300.00	Mtr.		
<b>3</b>	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.	100.00	Mtr.		
<b>4</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	70.00	Nos.		
<b>b)</b>	2 way5/6 Amp switch	8.00	Nos.		
<b>c)</b>	15/16 Amp. switch	45.00	Nos.		
<b>d)</b>	3 Pin 5/6 Amp. socket outlet	70.00	Nos.		
<b>e)</b>	6 Pin 15/16 Amp. socket outlet.	45.00	Nos.		

<b>S. No</b>	<b>Description of Items</b>	<b>Qty</b>	<b>Unit</b>	<b>Rate in Figures in Rupees</b>	<b>Amount</b>
<b>f)</b>	Telephone socket outlet	10.00	Nos.		
<b>g)</b>	Bell push	8.00	Nos.		
<b>5</b>	Supplying and fixing 3 pin, 5 amp. Ceiling rose on the existing junction box/ wooden block including connection etc. as reqd.	35.00	Nos.		
<b>6</b>	Supplying and fixing brass batten/ angle holder including connection etc. as required.	30.00	Nos.		
<b>7</b>	Supplying and fixing call bell/ buzzer suitable for single phase,230 V, complete as required.	5.00	Nos.		
<b>8</b>	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).				
<b>a)</b>	16-way , Double door	6.00	Nos.		
<b>9</b>	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.				
<b>a)</b>	Single Pole	96.00	Nos.		
<b>10</b>	S & F 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.				
<b>a)</b>	63 Amp	6.00	Nos.		
<b>11</b>	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.)	5.00	Nos.		

S. No	Description of Items	Qty	Unit	Rate in Figures in Rupees	Amount
12	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)	250.00	Mtr.		
13	Supply and laying of HDPE pipe ISI mark of following size 32 mm 1/c cartage loading and unloading etc.as reqd.				
a)	On Surface	20.00	Mtr.		
b)	open duct	25.00	Mtr.		
14	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	45.00	Nos.		
b)	175 mm x 100 mm	40.00	Nos.		
c)	200 mm x 150 mm	25.00	Nos.		
d)	200 mm x 250 mm	20.00	Nos.		
15	Providing and fixing following sizes of PVC casing and capping on surface as reqd.				
a)	20 x 12 mm	150.00	Mtr.		
b)	25 x 16 mm	250.00	Mtr.		
c)	32x 16 mm	200.00	Mtr.		
16	Supplying and fixing fan regulator socket type rotary step as required.	20.00	Nos.		
17	Dismantling and refixing of wood board of any size on surface or in recessed etc as reqd.	80.00	Nos.		
18	Dismantling damaged DB/TPN Switches/ loose wire boxes along with all accessories and depositing the same in the store as reqd.	5.00	Nos.		

<b>S. No</b>	<b>Description of Items</b>	<b>Qty</b>	<b>Unit</b>	<b>Rate in Figures in Rupees</b>	<b>Amount</b>
19	S & F 3 mm thick phenolic laminated sheet on existing board with brass screw & cup washer etc as reqd.	3500.00	Sq.cm		
20	Dismantling and refixing of switch / socket /regulator I/c cleaning, connecting, commissioning etc as reqd.	60.00	Nos.		
21	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	7.00	Nos.		
b)	1400mm	7.00	Nos.		
22	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)	Drum light 03 PV	15.00	Nos.		
b)	Wall bracket 0533	10.00	Nos.		
c)	bulkhead for 60w gls LAMP	15.00	Nos.		
	<b>Total Rs.</b>				