

INDIAN INSTITUTE OF TECHNOLOGY KANPUR
INSTITUTE WORKS DEPARTMENT

QUOTATION


Name of work - Repairing of damaged electrical installation of houses no. 388 & 317 in Type-3.

S.N	Description of Items	Qty	Unit	Estimated rate without GST	Estimated Amounts without GST	Quotated rate without GST(Rs.)	Quotated Amount without GST(Rs.)
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/PVC conduit including dismantling as required.						
a)	Group 'A'	2.00	Points	503.29	1006.58		
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	3 x 4 Sq.mm..	10.00	Mtr.	180.62	1806.23		
3	Supplying and fixing following piano type switch /socket on existing switch box/cover including connection etc as reqd.						
a	5/6 Amp switch	5.00	Nos.	45.59	227.97		
b	2 way 5/6 amp switch	1.00	Nos.	56.12	56.12		
c	15/16 Amp. switch	1.00	Nos.	106.09	106.09		
d	3 Pin 5/6 Amp. socket outlet	2.00	Nos.	60.50	121.00		
e	6 Pin 15/16 Amp. socket outlet.	1.00	Nos.	120.12	120.12		
4	Supplying and fixing 3 pin, 5 amp. Ceiling rose on the existing junction box/ wooden block including connection etc. as reqd.	2.00	Nos.	76.28	152.56		
5	Supplying and fixing PVC batten/ angle holder including connections etc. as required.	11.00	Nos.	96.45	1060.94		

S.N	Description of Items	Qty	Unit	Estimated rate without GST	Estimated Amounts without GST	Quotated rate without GST(Rs.)	Quotated Amount without GST(Rs.)
6	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)	16-way , Double door	1.00	Nos.	2754.06	2754.06		
7	Supplying and fixing 5 A to 32 A rating, 240/415 V, 10 kA, "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.						
a)	Single Pole	16.00	Nos.	224.46	3591.41		
8	Supplying and fixing following rating, double pole, (single phase and neutral), 240 V, residual current circuit breaker (RCCB), having a sensitivity current 30 mA in the existing MCB DB complete with connections, testing and commissioning etc. as required.						
a)	63 A	1.00	Nos.	2386.67	2386.67		
9	Dismantling damaged Main switch / DB/TPN Switches/ loose wire boxes along with all accessories and depositing the same in the store as reqd.	1.00	Nos.	383.17	383.17		
10	Supplying, fixing, connecting, testing & commissioning 10-60A, single phase meter 230V, 50 hz, digital LCD type electronic kWh electronic meter i/c sealing the same (sealing material will be supplied by the dept.) Gurantee card having serial no. of the meter to be submitted in the dept. etc. as reqd.	1.00	Nos.	2045.59	2045.59		
11	S & F of fan regulator rotary switch /socket type on existing switch box/cover I/c connection etc as reqd.	1.00	Nos.	334.06	334.06		

S.N	Description of Items	Qty	Unit	Estimated rate without GST	Estimated Amounts without GST	Quotated rate without GST(Rs.)	Quotated Amount without GST(Rs.)
12	Providing and fixing following sizes of PVC casing and capping on surface as reqd.						
a	20 x 12 mm	2.00	Mtr.	85.93	171.85		
b	25 x 16 mm	2.00	Mtr.	96.45	192.90		
13	Supplying and fixing wood box of following sizes (nominal size) on surface or in recess with suitable size of phenolic laminated sheet cover in front etc as required.						
a)	100 mm x 100 mm	2.00	Nos.	172.73	345.46		
b)	175 mm x 100 mm	1.00	Nos.	197.28	197.28		
c)	200 mm x 150 mm	1.00	Nos.	277.95	277.95		
14	Dismantling of switch / socket /regulator/ Internet box I/c cleaning, connecting, commissioning etc as reqd.	5.00	Nos.	59.62	298.11		
15	Supplying & fixing 3mm (1/8") thick phenolic laminated sheet on existing board with brass screw & cup washer etc. as required.	100.00	Sq.cm	0.60	60.50		
16	Dismantling of wooden board of any sizess on surface or in recessed etc as reqd.	2.00	Nos.	39.46	78.91		
17	Supplying, fixing, connecting, commissioning and testing of the following luminaries light fixtures complete with all accessories and with/without lamp as required complete.						
a	Bulk head 10W LED crompton make or equivalent.	2.00	Nos	997.81	1995.62		

S.N	Description of Items	Qty	Unit	Estimated rate without GST	Estimated Amounts without GST	Quotated rate without GST(Rs.)	Quotated Amount without GST(Rs.)
18	Overhauling of following fan any size, including dismantling and refixing of , bearings, checking, cleaning the all parts and supplying & replacement of rubber real, rubber rings, nut bolts, hanger clamps, bearing plates, cotter/ split pin, varnishing if reqd etc, reassembling testing and commissioning of fan as required complete.						
a	ceiling fan	5.00	Nos.	416.48	2082.42		
19	Supplying and fixing following capacity capacitor suitable for ceiling fan / exhaust fan / air-curtain etc.						
a	2.5mfd	2.00	Nos.	104.34	208.68		
20	Dismantling & refixing of any size of ceiling fan from normal height.						
a	ceiling fan	5.00	Nos.	198.16	990.79		
				Estimated Amount(A)	23053.05	Quotated Amount(B)	
				Percentage (%) = $\frac{B-A}{A} \times 100$			


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