

INDIAN INSTITUTE OF TECHNOLOGY KANPUR
Dean of Infrastructure & Planning

NIT No.- QT/09-05-2024-01

N/W **Repairing of damaged electrical installation of vacant House no. 3072, Type 3**

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	Description of Items	Qty	Unit	Estimated Rate without GST (Rs)	Estimated Amount without GST (Rs)	Quoted Rate without GST (Rs)	Quoted 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.						
2	Group 'A'	2.00	Points	503.29	1006.58		
3	Supplying & drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the						

	existing surface / recessed steel / PVC conduit as reqd.							
4	1 x 1.5 Sq.mm.	5.00	Mtr.	39.46	197.28			
5	3 x 1.5 Sq.mm.	10.00	Mtr.	83.30	832.97			
6	3 x 4 Sq.mm.	10.00	Mtr.	180.62	1806.23			
7	Supplying and fixing following piano type switch /socket on existing switch box/cover including connection etc as reqd.							
8	5/6 Amp switch	5.00	Nos.	45.59	227.97			
9	2-way 5/6 amp switch	1.00	Nos.	56.12	56.12			
10	15/16 Amp. switch	1.00	Nos.	106.09	106.09			
11	3 Pin 5/6 Amp. socket outlet	2.00	Nos.	60.50	121.00			
12	6 Pin 15/16 Amp. socket outlet.	1.00	Nos.	120.12	120.12			
13	Telephone socket outlet	1.00	Nos.	95.57	95.57			
14	Call bell push	1.00	Nos.	72.78	72.78			
15	Supplying and fixing 3 pin, 5 amp. Ceiling rose on the existing junction box/ wooden block including connection etc. as reqd.	5.00	Nos.	76.28	381.41			
16	Supplying and fixing PVC batten/ angle holder including connections etc. as required.	2.00	Nos.	96.45	192.90			

17	S & F of fan regulator rotary switch /socket type on existing switch box/cover I/c connection etc as reqd.	2.00	Nos.	332.31	664.62	
18	Providing and fixing following sizes of PVC casing and capping on surface as reqd.					
19	20 x 12 mm	5.00	Mtr.	78.04	390.18	
20	25 x 16 mm	5.00	Mtr.	86.80	434.02	
21	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.					
22	100 mm x 100 mm	5.00	Nos.	168.35	841.74	
23	175 mm x 100 mm	2.00	Nos.	193.77	387.55	
24	200 mm x 150 mm	1.00	Nos.	272.69	272.69	
25	Dismantling of switch / socket /regulator/ Internet box I/c cleaning, connecting, commissioning etc as reqd.	5.00	Nos.	57.87	289.35	
26	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.	370.01	370.01	
27	Supplying, fixing, connecting, commissioning & testing of ceiling fan without regulator and double ball bearing type including wiring the down rod of standard length (upto 30cm) with 1.5 sqmm PVC					

	insulated copper wire single core cable complete as reqd.							
28	1200 mm	5.00	Nos	3061.81	15309.07			
29	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	59.62			
30	Dismantling of wooden board of any sizes on surface or in recessed etc as reqd.	2.00	Nos.	38.58	77.16			
31	Supplying, fixing, connecting, commissioning and testing of the following luminaires light fixtures complete with all accessories and with/without lamp as required complete.							
32	Bulk head 10W LED Crompton make or equivalent.	1.00	Nos	950.46	950.46			
				Estimated Amount (A) =	Rs 25,263/-	Quoted Amount (B) =	Rs.	
				Percentage (%) = $\frac{B-A}{A} \times 100$				

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