

INDIAN INSTITUTE OF TECHNOLOGY KANPUR
Dean of Infrastructure & Planning

NIT No.- QT/03-04-2024-07

N/W Replacement of old and defective DB House no. 256 Type-II in the campus

S. No.	Description	Qty.	Unit	Rate	Amount
1	Supplying & drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the existing surface / recessed steel / PVC conduit as reqd.				
1.1	3 x 4 Sq.mm.	5.00	Mtr.		
1.2	3 x 6 Sq.mm.	5.00	Mtr.		
2	Supplying and fixing metal box of following sizes (nominal size) on surface or in recess with suitable size of phenolic laminated sheet cover in the front l/c painting etc as reqd.				
2.1	200 mm x 150 mm x 60 mm deep	1.00	Nos.		
3	Supplying and fixing of following ways surface/recess mounting, vertical type, 415 V, TPN MCB distribution board of sheet steel, dust protected, duly powder painted, inclusive of 200 A, tinned copper bus bar, common neutral link, earth bar, din bar for mounting MCBs (but without MCBs and incomer) as required. (Note: Vertical type MCB TPDB is normally used where 3 phase outlets are required.)				
3.1	4-way (4+12) Double door	1.00	Nos.		
4	Supplying and fixing single pole blanking plate in the existing MCB DB complete etc. as required	1.00	Nos.		
5	P & F 6 SWG dia. GI wire on surface or in recess for loop earthing as reqd.	10.00	Mtr.		
6	Supplying and making indoor end termination with brass compression gland, aluminium lugs for following size of PVC insulated & PVC sheathed/XLPE aluminium cable of 1.1kV grade as reqd.				
6.1	3-1/2x35 sq.mm.	2.00	Nos.		
7	Providing and fixing following sizes of PVC casing and capping on surface as reqd.				
7.1	25 x 16 mm	10.00	Mtr.		
8	Supplying and fixing 3 mm thick phenolic laminated sheet on existing board with brass screw & cup washer etc as reqd.	100.00	Sq.cm		

9	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.				
9.1	Single pole	5.00	Nos.		
9.2	Four pole	1.00	Nos.		
10	Dismantling damaged DB/TPN Switches/ loose wire boxes along with all accessories and depositing the same in the store as reqd.	1.00	Nos.		
11	S & F of following size of steel flexible pipe along with the accessories on surface/open duct as required				
11.1	20 mm	3.00	Mtr.		
	Total Rs				
	GST				
	Total				

SRL

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