

BOQ

Sub: 3-Phase Electrical Connection Requirement for Fume Hoods for Different Labs.

Sr.No.	Description of Items	Qty	Unit	Rate	Amount
1	Supplying and fixing following ways surface/ recess mounting, vertical type, 415 volts, TPN MCB distribution board of sheet steel, dust protected, duly powder painted inclusive of 200 amps tinned copper bus bar, common neutral link, earth bar, din bar for mounting MCB's with provision of 100 amps TP 16 KA MCCB as incomer, interconnection between incomer MCCB and bus bars as required. (Note: Vertical type MCB TPDB if normally used where 3 phase outlets are required).				
	a) 8 Way TP	1	No.		
2	Supplying and fixing TPN sheet steel enclosure suitable for 4 pole MCB on surface/ recess with 4 poles TPN MCB complete etc. as required.	9	Nos.		
3	Supplying and fixing following rating, TP, MVB isolator in the existing MCB DB complete with connections, testing and commissioning etc. as required.				
	a) 32 amps.	12	Nos.		
4	Supplying and drawing following sizes of FR PVC insulated copper conductor, single core cable in the existing surface/ recessed steel/ PVC conduit as required.				
	a) 5 x 6 Sq. mm	1075	Mtrs.		
	b) 6 x 16 Sq.mm	60	Mtrs.		
	TOTAL				

Contractor