

## BOQ for the Electrical Works for the plant biotechnology division at IIIM Jammu

at IIIM jammu

**B. ELECTRICAL WORK**

Sr. No.	Description of Item	Qty.	Unit	Rate	Amount
1	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FR PVC insulated copper conductor single core cable in surface / recessed medium class PVC conduit, with modular type switch, phenolic laminated sheet, suitable size G.I. box and earthing the point with 1.5 sq.mm. FR PVC insulated copper conductor single core cable etc as required.				
	Group C	<b>6.00</b>	point		
2	Wiring in existing conduit: Supply and drawing following sizes of FR LS PVC insulated copper conductor, single core cable in existing surface/ recessed steel/ PVC conduit as required				
A	2 x 1.5 sq.mm	<b>15.0</b>	mtr.		
B	2 x 2.5 sq.mm	<b>25.0</b>	mtr.		
C	2 x 4.0 sq.mm	<b>90.0</b>	mtr.		
D	2 x 6.0 sq.mm	<b>25.0</b>	mtr.		
E	2 x 10.0 sq.mm	<b>20.0</b>	mtr.		
F	1 x 1.0 sqmm ( Earth Wire)	<b>20.0</b>	mtr.		
3	Supplying and drawing plain 16/0.2 ( 0.5) twin flat flexible FR PVC insulated annealed copper conductor, unarmored telephone cable in the PVC sleeve of Suitable size				
	Twin Flat	<b>60.0</b>	mtr.		
4	Supplying and fixing of following sizes of medium class PVC conduit along with accessories in surface/recess including cutting the wall and making good the same in case of recessed conduit as required.				
A	20 mm (2mm thick)	<b>9.0</b>	mtr.		
B	25 mm (2mm thick)	<b>18.0</b>	mtr.		
C	40 mm (2mm thick)	<b>6.0</b>	mtr.		
5	Supplying and fixing following sizes of Modules with Modular base and Cover plate etc as required.				
A	1 or 2 Module ( 75 x 75 MM )	<b>2.00</b>	nos.		
B	3 Module ( 100 mm x 75 mm )	<b>1.00</b>	nos		
C	4 Module ( 125 mm x 75 mm)	<b>4.00</b>	nos		
D	6 Module ( 200 mm x 75 mm )	<b>3.00</b>	nos		

6	Supplying and fixing following Modular type switch/ socket on the existing Switch box/ cover including connections etc. as required.				
A	5/6 amps switch	<b>6.0</b>	nos.		
B	15/16 amps switch	<b>6.0</b>	nos.		
C	3 pin 5/6 amps socket outlet	<b>6.0</b>	nos.		
D	6 pin 15/16 amps socket outlet	<b>6.0</b>	nos.		
E	Telephone Socket outlet	<b>2.0</b>	nos		
7	Supplying and fixing 3 pin, 5 amp ceiling rose on the existing junction box/ wooden block including connection etc as required.	<b>5.00</b>	nos.		
8	Supplying and drawing of UTP 4 pair CAT 6 LAN Cable Single run in the existing surface/ recessed steel/ PVC conduit as required.	<b>60.00</b>	nos.		
9	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	8 way Double door	<b>1.00</b>	nos.		
B	12 way Double door	<b>1.00</b>	nos.		
10	Supplying and fixing 5 amps to 32 amps rating, 240/415 volts, "C" curve, miniature circuit breaker suitable for inductive load offollowing poles in the existing MCB DB complete with connections, testing and commissioning etc. as required.				
A	Single pole	<b>5.0</b>	each		
B	Single pole and neutral	<b>3.0</b>	each		
C	Double pole	<b>0.0</b>	each		
D	Triple pole	<b>2.0</b>	each		
E	Triple pole and neutral	<b>1.0</b>	each		
11	Supply and fixing of wall mount fan 16" .	<b>6.00</b>	each		
12	Supplying and fixing of 63 amps TPN	<b>2.00</b>	each		
13	Supplying and fixing of 40 amps DP	<b>3.00</b>	each		
14	MCB box cover	<b>3.00</b>	<b>each</b>		

				Signature of Tenderer
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