BOQ

Sub: Electrical work in Research Labs

S.No.	Description of item	Qty	Unit	Rate	Amount
1	Wiring for light point/ fan point / exhaust fan point/ cell bell point with 1.5 sq.mm PVC insulated copper conductor single core cable in surface / recessed medium class PVC conduit, with modular switch, modular plate, suitable GI box and earthing the point with 1.5 sq. mm PVC insulated copper conductor single core cable etc. as required	14	points		
2	Supplying and Fixing PVC Trunking on the wall with bend, Tea end cover, PVC, screw etc. as required.				
a)	100 x 50 mm	100	Mtrs.		
b)	50 x 50 mm	20	Mtrs.		
3	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)	3 x 4 sq. mm	220	Mtrs.		
b)	3 x 6 sq. mm	35	Mtrs.		
c)	4 x 10 sq. mm	40	Mtrs.		
4	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required.				
a).	15/16 amp switch	46	Nos.		
b).	6 pin 15/16 amp socket outlet	46	Nos.		
5	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate.				
a	5 amp switch	55	Nos.		
6	Supplying and Fixing following size / modular base & cover plate for modular switches in recess etc as required.				
a)	6 Module	23	Nos.		
7	Supplying and Fixing LED type fitting recess type 18 W complete with connection interconnection etc. as required.	6	Nos.		
8	Supplying and Fixing LED type fitting surface type 15 W complete with connection interconnection etc. as required.	8	Nos.		

9	Supplying and fixing of following 8 ways surface/ recess mounting double door, SPN 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 MCB's and incomer 32 Amp SPN & 6 Nos. MCB 6 to 32 Amp) as required.				
a)	8 Way Double Door	2	No.		
10	Supplying and fixing 5 amps to 32 amps rating, 240/415 volts, "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)	63 Amp TPN	1	No.		
	TOTAL				

Contractor