

BOQ

Sub: P/f power points in new faculty research labs in AB-2.

Sr.no	Description of Item	Qty.	Unit	Rate	Amount
1/1.14	Supplying and drawing following sizes of FR PVC insulated copper conductor, single core cable in the existing surface/ recessed steel/ PVC conduit as required, Make: Polycab, Havels, ABB,Finolex				
1.14.4	3 X 6 Sq. mm	720	mtrs		
2/NS	Supplying and drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the existing surface/ recessed steel/ PVC conduit as required, Make: Polycab, Havels, ABB,Finolex				
a)	3 X 10 Sq. mm	150	mtrs		
3/1.28	Supplying and Fixing following size modular base & cover plate on existing modular box as required, Make: ABB,L&T,Anchor Roma				
1.28.4	6 Module	180	nos		
4/1.24	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required.Make : ABB,L& T,Anchor Roma				
1.24.3	15/16 amp switch	360	nos		
1.24.5	6 pin 15/16 amp socket outlet	360	nos		
5/2.5	Supplying and fixing of 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 (but without MCB's and incomer) as required.				
2.5.5	4+24 Way, Double door	3	nos		
6/NS	Supplying and Fixing PVC Trunking on the wall with base i/c. accessories etc. as required. Make: MK, ABB				
a)	50 X 50 mm	370	mtrs		
b)	25 X 10 mm	60	mtrs		
7/NS	Supplying and Fixing following size PVC modular box as required, Make: ABB,L&T,Anchor Roma				
a)	6 Module	180	nos		
8/2.10	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. Make : ABB/Schneider/Havells				
2.10.1	Single pole	230	nos		
2.10.2	Single pole and neutral	10	nos		
2.10.4	Triple pole	4	nos		
9/NS	Supplying and fixing 63 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. Make : ABB/Schneider/Havells				
a)	Triple pole	7	nos		
b)	Triple pole & Neutral	8	nos		
10/NS	Supplying and fixing following way, three pole and neutral, surface mounting, vertical type, 415 volts, TP MCCB distribution board of sheet steel, dust protected, duly powder painted with provision of incomer TP MCCB upto 200A, inclusive of three phase internal distribution, common neutral link, earth bar, din bar for mounting MCCBs(but without MCCBs and Incomer) as required. Make : ABB,Schneider,Havells				
a)	8 Way	1	nos		
11/2.20	Supplying and fixing 30 amps, 415 volts, TPN industrial type, socket outlet, with 4 pole and earth, metal enclosed plug top alongwith 30 amps "C" curve, TPMCB, in sheet steel enclosure, on surface or in recess, with chained metal cover for the socket outlet and complete with connections, testing and commissioning etc. as required.	3	nos		
12/2.2	Providing and fixing following rating and breaking capacity and pole MCCB in existing cubicle panel board including drilling holes in cubicle panel, making connections, etc. as required.. Make : L&T,ABB,Schneider				
2.2.5	200 Amps,25 KA, TPMCCB	1	nos		

13/2.3	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				
2.3.8	2 + 12 way / 14 way, Double door	7	nos		
14/2.5	Supplying and fixing of 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 (but without MCB's and incomer) as required.				
2.5.4	4 way (4 + 12), Double door	4	nos		
15/2.16	Supplying and fixing DP sheet steel enclosure on surface/recess along with 25/32 Amps,240 Volts, "C" curve DP MCB complete with connections,testing etc. Make : ABB,Schneider,Havells	1	nos		
16/NS	Supply and fixing sheet steel TPN enclosure with 1 No of 32 AMP TPN , on surface/ recess, powder coated including earthing etc. as required. Make ABB/Schneider	1	nos		
	Total				

Contractor