

Central Mechanical Engineering Research Institute, Durgapur						
Electrical Engineering Services Group						
Name of work :- Electrification work for CRTDH Lab beside AdMac at CMERI(Institute) Durgapur						
S.No.	Description	Qty.	Unit	Rate (Rs.)	Amount (Rs.)	
1	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq. mm.FRLS PVC insulated, copper conductor Single core cable in surface / recessed steel conduit ,with piano type switch ,phenolic laminated sheet, suitable size M.S. box and earthing the point with 1.5 sq.mm. FR PVC insulated copper conductor single core cable etc as required :	14	Point			
2	Supplying and fixing metal box of 180mm X 100mm X 60mm deep (nominal size) on surface or in recess with suitable size of phenolic laminated sheet cover in front including providing and fixing 6 pin 5/6 amps & 15/16 amps socket outlet and 15/16 amps piano type switch, connection, painting etc as required.	8	Nos			
3	Supply & fixing of heavy duty wall mounted Fan.MAKE-Orient/CG/EQUIVALENT	10	NOS			
4	Dismantling/Re-fixing of prewire, point wiring ,tube light fittings.	Lum Sum	1			
5	Wiring for circuit / sub main wiring alongwith earthwire with the following sizes of FRLS PVC insulated, copper conductor, single core cable in surface / recessed PVC conduit as required.					
a	2X2.5 sq. mm+ 1x2.5 sq.mm earth wire	30	Metre			
b	2X1.5 sq. mm+ 1x1.5 sq.mm earth wire	25	Meter			
c	2X4 sq. mm+ 1x4 sq.mm earth wire	40	Metre			
6	Providing & fixing of Sheet steel enclosure complete with 1 no. 32Amp, 'C' curv-10 KA, DP MCB and Din Channel for installing it including connection & body earthing complete as required.Make Legrand	4	Nos			
7	Supplying and fixing following way, single pole and neutral, sheet steel, MCB distribution board, 240 V, on surface/recess complete with tinned copper bus bar, neutral busbar, earth bar, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/Isolator.)					
	12 way, Double door SPN DB		1 nos			
8	Supply and fixing 5 A to 32A rating, 240/415V 10KA, C curve miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connection, testing & commissioning etc as required					
	Single pole		12 nos			

Total:-

Central Mechanical Engineering Research Institute, Durgapur
Engineering Service Division (Electrical)

Name of the work : Electrical Renovation work for PAG Lab at CSIR-CMERI
Farm Machinery Ludgiana, punjab

Make of Electrical material

S.No.	Item	Make
1	1.1 KV grade XLPE insulated, PVC sheathed, Gloster/polycab/equivalent Aluminium conductor armoured power cables	
2	PVC copper flexible wire:-	Finolex / Polycab / Bonton / RR Kable/equivalent
3	MCB / MCCB / DB / MCB encloser :-	Legrand / Hagger/equivalent
4	Wall mounted Fan	Orient/CG/Equivalent

