

Schedule of work.					
Name of work : Electrical renovation of the dining area at staffs canteen, Jadavpur.					
Item No.	Description.	Quantity	Unit.	Rate. (Rs.)	Amount (Rs.).
1	Wiring for light point/fan point/exhaust fan point with 1.5 sq.mm. FRLS 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.FRLS PVC insulated copper conductor single core cable etc.as required.				
	Group C (as per CPWD categorization)	25	Nos.		
	Make: Finolex, polycab,gloster,KEI				
2	Wiring for circuit/submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor,single core cable in surface/recessed medium class PVC conduit as required.				
a)	2X1.5 sq.mm.+1X1.5 sq.mm. earth wire.	195	Mtrs.		
b)	2X4 sq.mm.+1X4 sq.mm. earth wire.	55	Mtrs.		
	Make: Finolex, polycab,gloster,KEI				
3	Supplying and laying of following size/modules GI box along with modular base & cover plate for modular switches in recess/surface etc. as required.				
a)	6 Modules (200 mm x 75 mm)	10	Nos.		
	Make: Crabtree,MK,L&T,Schneider,hager,Legrand				
4	Supplying and fixing of following modular switch/socket on existing modular plate & switch box including connections but excluding modular plate etc. as required.				
a)	5/6 A switch.	18	Nos.		
b)	3 pin 5/6 A socket outlet	18	Nos.		
c)	15/16 Amp switch.	4	Nos.		
d)	6 pin 15/16 Amp socket outlet.	4	Nos.		
	Make: Crabtree,MK,L&T,Schneider,hager,Legrand				
5	Supplying and fixing of modular blanking plate on the existing modular plate & switch box excluding modular plate as required.	6	Each		
6	Supplying & fixing of following ways surface /recess mounting vertical type,415V,TPN MCB distribution board of sheet steel, dust protected,duly powder painted, inclusive of 200 A tinned copper bus bar, common neutral link,earth bar,din bar, for mounting MCBs (but without MCBs and incomer)complete as required.				
a)	8 Way (4+24)Double door.	1	No.		
	Make: Legrand,ABB,L&T, Hager				
7	Supplying and fixing of single pole blanking plate in the existing DB complete etc.as required.	12	Nos.		
8	Supplying & fixing of following rating 240/415 V, 10KA, 'C' curve MCB suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required.				
a)	6A single pole	11	Nos.		
b)	16A single pole	9	Nos.		
c)	20A single pole	4	Nos.		
d)	32 A Triple pole.	1	No.		
e)	32 A Triple pole and neutral	1	No.		
	Make: Legrand,ABB,L&T, Hager				
9	Supplying of 4 core 16 sq.mm PVC sheathed/XLPE insulated armoured multistrand aluminium power cable of 1.1 KV grade as per IS : 7098 (part-1) 1988 etc. as required.	42	Metre		
	Make: polycab,gloster,KEI,Havells				

Item No.	Description.	Quantity	Unit.	Rate. (Rs.)	Amount (Rs.).
10	Supplying of 3.5 core 35 sq.mm PVC sheathed/XLPE insulated armoured multistrand aluminium power cable of 1.1 KV grade as per IS : 7098 (part-1) 1988 etc. as required.	16	Metre		
	Make: polycab,gloster,KEI,Havells				
11	Laying & fixing of one no PVC insulated and PVC sheathed /XLPE power cable of 1.1 KV grade of size on wall surface as required (upto 35 sq.mm clamped with 1 mm thick saddle)				
a)	4 core X 16 sq.mm	42	Metre		
b)	3.5 core X 35 sq.mm	16	Metre		
12	Supplying & making end termination with brass compression gland and Aluminium lugs for following size of PVC insulated & PVC sheathed /XLPE insulated 'Al' conductor power cable of 1.1 KV grade as required.				
a)	4 X 16 sq. mm.	2	Nos.		
b)	3.5 X 35 sq. mm.	4	Nos.		
13	Providing & Fixing of 4 mm dia bare copper wire on surface or in recess for loop earthing along with existing surface / recessed conduit / submain wiring / cable as required.	85	Metre		
14	Supplying & fixing of following rating,breaking capacity,4-pole MCCB with thermomagnetic release & terminal spreader in existing panel board including drilling holes in the panel ,making connection etc. complete as required.				
a)	100 A, 4 pole, 25 KA MCCB.	1	No.		
	Make: Legrand,ABB,L&T, Hager				
15	Supplying of 1400 mm sweep,antidust,ceiling fan complete with all accessories, as required.	10	Nos.		
	Make : Usha,Orient,Polar , Crompton)				
16	Installation,testing & commissioning of ceiling fan including wiring the down rods of standered length (upto 30 cm)with 1.5 sq.mm. FRLS PVC insulated,copper conductor,single core cable, etc.as required.	10	Nos.		
17	Providing & fixing extra down rod of 20 cm length G.I. pipe,15 mm dia,heavy gauge including painting etc.as required.(Note: more than 5 cm length shall be rounded to the nearest 10 cm and 5 cm or less shall be ignored)	30	Nos.		
18	Supplying & fixing of two module stepped type electronic fan regulator on the existing modular plate switch box including connections but excluding modular plate etc.as required.	10	Nos.		
19	Supplying of industrial box type, twin LED batten luminaire suitable for twin T8 ,PVC 18 Watts LED tubelight set, complete with all accessories, as required.	8	Nos.		
	Make : Crompton,Philips , Wipro				
20	Supplying of industrial box type luminaire suitable for Single T8 ,PVC 18 Watts LED tubelight set, complete with all accessories, as required.	5	Nos.		
	Make : Crompton,Philips & Wipro				

Item No.	Description.	Quantity	Unit.	Rate. (Rs.)	Amount (Rs.).
21	Installation,testing and commissioning of pre-wired,fluorescent fitting/compact fluorescent fitting of all types,complete with all accessories and tube/lamp etc., including supplying and fixing ball and socket arrangement, 2 nos.down rods of 20 mm dia X 1.6 mm thick steel conduit upto 30 cm length, painting and wiring the down rods and connections with 1.5 sq. mm FRLS PVC insulated, copper conductor, single core cable and earthing etc. as required.	8	Each		
22	Installation,testing & commissioning of pre- wired,fluorescent fitting/compact fluorescent fitting /LED industrial type light fitting,complete with all accessories & tube etc. directly on ceiling/wall,including connections with 1.5 sq.mm. FRLS PVC insulated copper conductor,single core cable and earthing etc.as required.	5	Nos.		
23	Providing and fixing extra conduit down rod of 20 mm dia, 2 X 10 cm length, wiring with 2 X 1.5 sq mm FRLS PVC insulated,copper conductor, single core cable including painting etc. as required.(Note: more than 5 cm length shall be rounded to the nearest 10 cm and 5 cm or less shall be ignored.)	18	Each		
24	Supplying & fixing of 300 mm sweep wall mounting fan, light grey colour complete with all accessories, as required.	1	Nos.		
	Make : Usha,Orient,Polar & Crompton)				
				Total :	
Rupees.....only					
NOTE:The quoted rate shall be inclusive of all taxes & duties, levies, cess etc i/c GST also. Nothing extra will be paid to the Contractor except the accepted rate.					
	GST No:				
	SAC code:				
	CGST@.....% considered in the above BOQ				
	SGST@.....%Considered in the above BOQ				