

Schedule of work					
Name of work : Electrical renovation for Electronics & General Physics laboratories in the Lake view building of IACS, Jadavpur, Kolkata.					
Item No.	Description.	Quantity.	Unit.	Rate. (Rs.)	Amount (Rs.).
1	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)	2X4 sq.mm. + 1X4 sq.mm. earth wire.	205	Meters		
	Make: Finolex, polycab, gloster, KEI, Havells				
2	Supplying of 4 core 10 sq.mm PVC sheathed/XLPE insulated armoured aluminium power cable of 1.1 KV grade as per IS : 7098 (part-1) 1988 etc. as required.	35	Metre.		
	Make: polycab, gloster, KEI, Havells				
3	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 10 sq.mm	35	Metre.		
4	Supplying & making end termination with brass compression gland and 'Al' 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 10 sq. mm.	2	Nos.		
5	Supplying and drawing of following pair 0.5 mm dia FR PVC insulated annealed copper conductor un-armoured telephone cable in the existing surface/recess steel/PVC conduit as required.				
a)	2 pair	15	Meters		
	Make: NITCO, NICCO, Finox, delton				
6	Supplying and fixing of following size 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.	15	Mtrs.		
	Make: Pesto plast ,plazza,AKG				
7	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)	2 Modules (75mmX75mm)	3	Nos.		
b)	3 modules (100mm X 75 mm.)	1	No.		
c)	12 Modules (200mmX 150mm)	10	Nos.		
	Make: Crabtree, MK, L&T, Schnneider, hager, Legrand				

Item No.	Description.	Quantity.	Unit.	Rate. (Rs.)	Amount (Rs.).
8	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	30	Nos.		
b)	15/16 A switch	10	Nos.		
c)	3 pin 5/6 A socket outlet.	30	Nos.		
d)	6 pin 15/16 A socket outlet.	10	Nos.		
e)	Telephone socket outlet.	1	No.		
	Make: Crabtree,MK,L&T,Schnneider,hager,Legrand				
9	Supplying and fixing of following ways surface/recess mounting vertical type 415 V, TPN MCB distribution board of sheet steel,dust protected,duly power painted,inclusive of 200 A tinned copper busbar,common neutral link,earth bar,din bar for mounting MCBs(without MCBs and MCCB incomer)as required.				
a)	4 way (4 + 12) ,double door.	1	Each		
	Make: Legrand,ABB,L&T, Hager				
10	Supplying & fixing of following rating 240 V,10 KA,'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)	16 A Single Pole MCB.	10	Nos.		
b)	25 A single pole MCB.	2	Nos.		
	Make: Legrand,ABB,L&T, Hager				
11	Supplying & fixing single pole blanking plate in the existing MCB DB complete etc. as required.	6	Nos.		
12	Supplying & fixing of following rating 415 V,10 KA 'C' curve MCB suitable for inductive load of following poles in the existing DB complete with connections, testing and commissioning etc. as required.				
a)	32 A four pole MCB	1	Nos		
	Make: Legrand,ABB,L&T, Hager				
13	Supplying and fixing of modular type 25A AC starter switch, to be recessed/surface in wall including connections but excluding providing modular plate etc. as required.	1	No.		
	Make: Crabtree,MK,L&T,Schnneider,hager,Legrand				
14	supplying and fixing of 25 A shuttered socket on the existing modular plate & switch box including connections but excluding providing modular plate etc. as required.	1	No.		
	Make: Crabtree,MK,L&T,Schnneider,hager,Legrand				
15	Providing & fixing 4.00 mm dia bare copper wire on surface or in recess for loop earthing along with existing surface recess conduit/submain wiring/ cable as required.	70	Metre.		
				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				