

Schedule of work					
Name of the work: Laying of under ground power and telephone cable along with other allied electrical works in different locations of IACS, Jadavpur, Kolkata					
SL.No.	Item Description	Quantity.	Unit.	Rate (Rs.)	Amount (Rs.)
1	Supplying of 4 core 70 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.	60	Metre.		
	Make : Polycab,Gloster, KEI, Havells.				
2	Supplying of 4 core 50 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.	50	Metre.		
	Make : Polycab,Gloster, KEI, Havells.				
3	Supplying of 4 core 25 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.	65	Metre.		
	Make : Polycab,Gloster, KEI & Havells.				
4	Supplying of 4 core 16 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.	30	Metre.		
	Make : Polycab,Gloster, KEI, Havells.				
5	Laying and fixing of one number PVC insulated and PVC sheathed/XLPE power cable of 1.1 KV grade of following size on wall surface as required.				
a)	Above 35 sq.mm. and upto 95 sq.mm.(Clamped with 25 x 3 mm MS flat clamp.)	110	Metre.		
b)	Upto 35 sq.mm.(clamped with 1 mm thick saddle.)	95	Metre.		
6	Supplying and making end termination with brass compression gland and aluminium lugs for following size of PVC insulated and PVC sheathed/ XLPE aluminium conductor cable of 1.1 KV grade as required.				
a)	3.5 X 95 sq.mm.	4	Each		
b)	4 X 70 sq.mm.	4	Each		
c)	4 X 50 sq.mm.	6	Each		
d)	4 X 25 sq.mm.	6	Each		
e)	4 X 16 sq.mm.	6	Each		
7	Supplying & laying of one number 0.5 mm dia,20 pair,annealed copper conductor,FR-PVC insulated unarmoured telephone cable through PVC conduit on wall surface.	180	Mtrs		
	Make: Nitco, Nicco, Finolex, Delton				
8	Providing,supplying and fixing of 125A,4 pole Mnuual Change Over Switch,In sheet steel enclosure with hinged type single door,padlocking facility,removable gland plates at both ends,gasket protected and cable end boxes at both ends.	1	Each		
	Make: Legrand, L&T, Hagar, ABB, C&S				
9	Providing,supplying and fixing of 100A,4 pole Mnuual Change Over Switch,In sheet steel enclosure with hinged type single door,padlocking facility,removable gland plates at both ends,gasket protected and cable end boxes at both ends.	1	Each		
	Make: Legrand, L&T, Hagar, ABB, C&S				

SL.No.	Item Description	Quantity.	Unit.	Rate (Rs.)	Amount (Rs.)
10	Providing,supplying and fixing of 63 A,4 pole Mnuual Change Over Switch,In sheet steel enclosure with hinged type single door,padlocking facility,removable gland plates at both ends,gasket protected and cable end boxes at both ends.	1	Each		
	Make: Legrand, L&T, Hagar, ABB, C&S				
11	Providing & Fixing of 4 mm dia bare copper wire on surface or in recess for loop earthing along with exisiting surface / recessed conduit / submain wiring / cable as required.	410	Meter		
12	Supplying & fixing of following ways surface /recess mounting vertical type,415V, with 4 Pole MCCB incomer & outgoing TP 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 4 Pole MCCB)complete as required.				
a)	4 Way (4+12)Double door.	1	No.		
	Make : L & T ,Hager,Legrand,ABB.				
13	Supplying and fixing of single pole blanking plate in the existing DB complete etc.as required.	20	Nos.		
14	Supplying & fixing of following rating three pole,415 V,isolator in the existing MCB DB complete with connections, testing and commissioning etc. as required.				
a)	100 A TP Isolator	2	Nos.		
	Make : L & T ,Hager,Legrand,ABB.				
15	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)	160 A ,4 pole,25 KA MCCB.	2	No.		
	Make : L & T ,Hager,Legrand,ABB.				
16	Supplying & laying of 1 C x 70 sq mm multistrand copper flexible PVC insulated cable.	8	Metre.		
	Make : Polycab,Gloster, KEI & Havells.				
17	Supplying and making end termination with copper lugs for following size of PVC insulated and PVC sheathed/ XLPE copper conductor cable of 1.1 KV grade as required.				
a)	1 x 70 sq mm.	8	Each		
18	Supplying and fixing of Exhaust fan louver/shutters, complete with frame for an exhaust fan of 600mm dia.	7	Nos		
19	Supplying and fixing of 450 mm dia heavy duty single phase exhaust fan, including making frame and all accessories complete,as required.	1	nos.		
	Make: Crompton, Havells, bajaj, Phillips				
20	Supplying & fixing of 40 mm dia PVC conduits with necessary bends and other accessories on wall surface / recess, as required	50	Metre.		
	Make : Legrand, presto plast, piazza.				
21	Supplying of T5 type 20W LED batten tube light, with all accessories complete, as required	20	nos.		
	Make: Crompton, Havells, Bajaj, Phillips				
22	Installation, testing & commissioning of pre-wired LED battet tubelight complete with all accessories directly on ceiling/wall including connection with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable and earthing etc. as, required.	20	Each		
				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				