

**Name of Work: Electrical Renovation Work for Room No. 135 situated in the Main Building of IACS,  
Jadavpur**

<b>SCHEDULE OF WORKS</b>					
<b>SI No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Unit</b>	<b>Rate (Rs)</b>	<b>Amount (Rs.)</b>
1.0	Wiring for light point / fan point / exhaust fan point / call bell point with 1.5sq.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 1.5sq.mm. FRLS PVC insulated copper conductor single core cable etc. as required. (Surface wiring for ceiling only)				
1.1	Group C (As per CPWD DSR Category)	10	Point		
2.0	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.				
2.1	2X2.5sq.mm + 1X2.5sq.mm earth wire	50	Metre		
2.2	4X4sq.mm + 2X4sq.mm earth wire	30	Metre		
3.0	Supplying and drawing following pair 0.5mm dia FRLS PVC insulated annealed copper conductor, unarmored telephone cable in the existing surface / recessed PVC conduit as required.				
3.1	2 Pair	50	Metre		
4.0	Supplying and fixing of following sizes of medium class PVC conduit alongwith accessories in surface / recessed conduit as required.				
4.1	20mm dia.	50	Metre		
5.0	Wiring for light / power plug with 2X4sq.mm. FRLS PVC insulated copper conductor single core cable in surface / recessed medium class PVC conduit along with 1 no. 4sq.mm. FRLS PVC insulated copper conductor single core cable for loop earthing as required.	150	Metre		

SI No.	Description	Quantity	Unit	Rate (Rs)	Amount (Rs.)
6.0	Supplying and fixing stepped type electronic fan regulator on the existing modular plate switch box including connections but excluding modular plate etc. as required.	3	Each		
7.0	Supplying and fixing modular blanking plate on the existing modular plate & switch box excluding modular plate as required.	20	Each		
8.0	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 3 pin 5/6 amps modular socket outlet and 5/6 amps modular switch, connection etc. as required (For light plug to be used in non residential buildings).	8	Each		
9.0	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 6 pin 5/6 & 15/16 amps modular socket outlet and 15/16 amps modular switch, connection etc. as required.	14	Each		
10.0	Installation, testing and commissioning of pre-wired, fluorescent fitting / compact fluorescent fitting of all types, complete with all accessories and tube etc. including supplying and fixing ball and socket arrangement, 2 no. Down rods of 20mm dia X 1.6mm thick steel conduit upto 30 cm length, painting and wiring the down rods and connection with 1.5sq.mm FRLS PVC insulated, copper conductor, single core cable and earthing etc. as required.	7	Each		
11.0	Providing and fixing extra conduit down rod of 20mm dia, 2X 10cm length wiring with 2 X 1.5sq.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).	7	Each		
12.0	Supply & Fixing RJ11 Modular Type of Telephone Outlet in G.I. Box with cover, recessed in wall / Furniture.	1	No.		

SI No.	Description	Quantity	Unit	Rate (Rs)	Amount (Rs.)
13.0	Supplying & Fixing of modular type 20Amp A.C. starter switch with GI Box complete recessed in wall.	2	Nos.		
14.0	Supply of 2X36W surface mounting type fluorescent tube light fitting equivalent to Philips CAT NO. TCS 398 D6, 2X36W EBT Luminaire with lamp	7	Nos.		
15.0	Supply of 1400mm sweep ceiling fan complete with all accessories (white colour)	3	Nos.		
16.0	Supplying and fixing 5 AMPs to 32Amps rating , 240 /415V. , '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.				
16.1	Single pole	6	Nos.		
16.2	Four Pole	2	No.		
17.0	Supply and fixing of four pole sheet steel enclosure on surface / recess to accommodate 1 no. 20Amp 415V 'C' curve four pole MCB complete with connection, testing and commissioning etc. as required. (The supply of MCB is not covered under the scop of this item).	1	No.		
				<b>Total (Rs)</b>	