

Schedule of Works

Name of Work: Electrical Renovation Work at Gents Hostel of IACS, Jadavpur

Item No.	Description	Qty	Unit	Rate (Rs.)	Amount
	Sub-Head - I (Works):				
1(a)	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.				
	Group A (As per CPWD Categorisation)	80	Point		
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)	2X1.5sq.mm. + 1X1.5sq.mm. earth wire	450	Mtrs		
b)	2X4sq.mm. + 1X4sq.mm. earth wire	110	Mtrs		
3	Supplying and fixing of following size / modules GI box along with modular base & cover plate for modular switches in recess etc. as required.				
a)	2 module	6	nos		
b)	3 module	66	nos		
4	Supplying and fixing of following modular switch / socket on the existing modular plate & switch box including connections but excluding plate etc. as required.				
a)	5/6 amp switch	66	nos		
b)	5 pin 6A socket	66	nos		
5	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.	20	nos		
6	Supplying & Fixing of Call bell suitable for Single Phase 230V with GI Box & Bakelite cover complete recessed in wall.	4	no.		
7	Supply & Fixing RJ11 Modular type of Telephone Outlet in G.I. Box with cover recessed in Wall / Furniture.	1	nos		
8	Supplying & fixing stepped type electronic fan regulator on the existing modular plate switch box including connections but excluding modular plate etc. as required.	4	nos		
9	Supplying and drawing 2 pair 0.5mm dia FRLS PVC insulated annealed copper conductor, unarmored telephone cable in the existing surface / recessed steel / PVC conduit as required.	50	mtrs		

Item No.	Description	Qty	Unit	Rate (Rs.)	Amount
10	Supplying and fixing of following sizes of 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	50	mtrs		
11	Supplying and fixing following way SPN MCB Distribution Board of sheet steel for 240V on surface / recess complete with loose wire box, terminal connectors for all incoming and outgoing circuits, duly prewired with suitable size FRLS PVC insulated copper conductor up to terminal blocks, tinned copper bus bar, neutral link, earth bar, din bar, detachable gland plate, interconnections, powder painted including earthing etc. as required (but without MCB / RCCB / Isolator).				
	2+12 Way, Double door	2	nos		
12	Supplying and fixing of 5-32 amps rating, 240 "C" curve, miniature circuit breaker suitable for inductive load of single pole in the existing MCB DB complete with connections, testing and commissioning etc. as required.	24	nos		
13	Supplying and fixing following rating double pole, 240 V, Isolator in the existing MCB DB complete with connections, testing and commissioning etc. as required.	2	nos		
	40A				
14 a)	Installation, Testing and Commissioning of pre-wired, fluorescent fitting/compact fluorescent fitting of all types, complete with all accessories and tube etc. directly on ceiling/wall, including connection with 1.5sq.mm FRLS PVC insulated, copper conductor, single core cable and earthing etc. as required.	25	Nos.		
14 b)	Installation, Testing and Commissioning of pre-wired, fluorescent fitting/compact fluorescent fitting of all types, complete with all accessories and tube etc. including supplying & fixing ball & socket arrangement, 2 nos. downrods of 20mm dia x 1.6mm thick steel conduit upto 30 cm length, painting with wiring the down rods including connection with 1.5sq.mm FRLS PVC insulated, copper conductor, single core cable and earthing etc. as required.	18	Nos.		
14c)	Providing & fixing extra conduit down rod of 20 mm dia, 2x10 cm length wiring with 1.5sq.mm FRLS PVC insulated, copper conductor, single core cable and earthing, painting etc. as required.	18	Nos.		
15	Installation of exhaust fan (9" dia) in the existing opening, including making good the damage, connection, testing, commissioning etc. as required.	1	Nos.		
16	Extra for fixing the louvers/shutters (9" dia) complete with frame for a exhaust fan of all sizes.	1	Nos.		
(Rupees One Lakh forty four thousand four Hundred and five Only)			Total (Rs.)		

Supply

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Item No.	Description	Qty	Unit	Rate (Rs.)	Amount
	Sub-Head-II (Supply):				
1	Supply of 1400 mm Sweep Ceiling fan (High-speed) complete with all accessories. (Crompton Greaves/USHA/Havells)	4	nos		
2	Supply of 400 mm Swing Pedestal fan complete with all accessories. (Crompton Greaves/USHA/Havells)	2	nos		
3	Supply of following sizes Exhaust Fan including Aluminium louver (Crompton Greaves/usha/Havells)				
a)	225mm dia	1	no		
4	Supply of following sizes High Speed (2000 rpm minimum) Wall mounting type bracket Fan (KHAITAN/USHA/Bajaj)				
a)	400 mm sweep	52	nos.		
5	Supply of following light fitting complete with lamp:				
a)	As per PHILIPS CAT NO. TMS 122 M 1XTL 5 28W EBT with 1XTL 5 28W lamp.	20	nos		
b)	As per PHILIPS CAT NO. TMS 122 M 2XTL 5 28W EBT with 2XTL 5 28W lamp.	24	nos		
				Total:	

ABSTRACT OF COST

Total for Sub Head-I: Rs.

Total for Sub-Head: Rs.

Grand Total: Rs.