

Schedule of Work

Name of Work: Electrical Renovation Work for Room No. 133 situated in the Main B

Item No.	Description	Qty	Unit	Rate (Rs.)
1	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 1.5 sq.mm. FRLS PVC insulated copper conductor single core cable etc. as required.			
	Group C (As per CPWD Categorisation)	12	Point	
2	Wiring for light / power plug with 2X4sq.mm FRLS PVC insulated copper conductor single core cable in surface/ recessed medium class PVC conduit alongwith 1 No 4 sq.mm FRLS PVC insulated copper conductor single core cable for loop earthing as required.	140	Metre	
3	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	100	Metre	
b)	2X4sq.mm +1X4sq.mm earth wire	20	Metre	
4	Supplying and drawing following pair 0.5mm dia FRLS PVC insulated anealed copper conductor, unarmored telephone cable in the existing surface/recessed steel/PVC conduit as required.			
	2 Pair	30	Metre	
5	Suplying and fixing of following sizes of medium class PVC conduit along with accessories in surface/recessed conduit as required.			
	20mm	30	Metre	
6	Supplying and fixing of following size/ modules, GI box along with modular base & cover plate for modular switches in recess etc. as required.			
	a) 8 Module	8	Nos	
7	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	8	Nos.	

	b) 3 pin 5/6 amp socket	24	Nos.	
Item No.	Description	Qty	Unit	Rate (Rs.)
8	Supplying and fixing of modular blanking plate on the existing modular plate & switch box but excluding modular plate etc. as required.	8	Nos.	
9	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in reces, including providing and fixing 6 pin 5/6 & 15/16 amps modular socket outlet and 15/16 amps modular switch, connection etc. as required.	18	Nos.	
10	Supplying & Fixing of 1x28 W Fluorescent tube light fitting (Cat. No. TCH-207 1xTL5-28W HF of M/s Philips or equivalent model) with lamps on wall/false ceiling/Plywood Board etc. including connection with 1.5 sq. mm FRLS PVC insulated copper conductor, single core cable and earthing etc. as required.	8	Nos.	
11	Supplying & Fixing of 2x28 W Decorative Fluorescent tube light fitting (Cat. No. TBS-669 M 2x TL5 -28W EB D6 of M/s Philips or equivalent model) with lamps on wall/false ceiling including connection with 1.5 sq. mm FRLS PVC insulated copper conductor, single core cable and earthing etc. as required.	3	Nos.	
12 (a)	Supplying and fixing of 5-32 amps rating, 240 "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.			
	Single pole	36	Nos.	
12 b)	Supplying and fixing 63 amps rating, 415 volts, "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.			
	Four Pole	2	Nos.	
13	Supplying and fixing single pole blanking plate in the existing MCB DB complete etc. as required	4	Nos.	

Item No.	Description	Qty	Unit	Rate (Rs.)
14	Supplying and fixing following way prewired TP&N MCB Distribution Board of sheet steel for 415V 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).			
	12 way (4+12), Double door	1	No.	
15	Supply & Fixing RJ11 Modular Type of Telephone Outlet in G.I. Box with cover, recessed in wall / Furniture.	1	No.	
16	Supplying & Fixing of modular type 25Amp A.C. starter switch with GI Box complete recessed in wall.	1	No.	
17	Supplying of following size XLPE insulated PVC sheathed armoured aluminium conductor cable of CCI/Gloster/Nicco/Havells/Polycab/Universal make at site at IACS, Jadavpur.			
	4-core 25sq.mm	15	Mtrs	
18	Laying of following size XLPE insulated PVC sheathed armoured aluminium conductor cable on surface/recess with aluminium saddles along with all necessary hardwares etc. as required as per direction of the Engineer-in-charge.			
	4-core 25sq.mm	15	Mtrs	
19	Providing End termination of the following XLPE insulated PVC sheathed armoured Al. conductor cable with heavy duty brass compression gland (Dowells or similar superior make approved by IACS) including crimping type copper sockets, PVC insulated tape etc. as required.			
	4-core 25sq.mm	2	Sets	
20	Providing & Fixing 4mm dia copper wire on surface/recess for Loop earthing along with existing surface/recessed conduit/submain wiring/cable as required.	30	Mtrs	
				Total (Rs.)

Amount (Rs)

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