

Schedule of Work

Name of Work: Electrical Renovation Work for Room No. 137 situated in the Main Bu

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)	15	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.	100	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	30	Metre	
b)	2X4sq.mm +1X4sq.mm earth wire	50	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	50	Metre	
5	Suplyng and fixing of following sizes of medium class PVC conduit along with accessories in surface/recessed conduit as required.			
	20mm	50	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	3	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	3	Nos.	
	b) 3 pin 5/6 amp socket	9	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.	10	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.	26	Nos.	
10 a)	Supply of 2X36W surface mounting type fluorescent tube light fitting equivalent to Philips CAT NO. TCS 398 D6, 2X36W EBT Luminaire with lamp	8	Nos.	
10 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 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.	8	Nos.	
10 c)	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).	8	Nos.	
11	Supply of 1400mm sweep ceiling fan complete with all accessories (white colour)	6	Nos.	
12	Supplying and fixing 63 amps rating, 240/415 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.			
a)	Four Pole	2	Nos.	
13	Supplying and fixing 6-32 amps rating, 240/415 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.			
a)	Single Pole	24	No.	

Item No.	Description	Qty	Unit	Rate (Rs.)
14	Supplying and fixing following way prewired 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) - 8 way(4+24) double door.	1	No.	
15(a)	Supplying and fixing single pole blanking plate in the existing MCB DB complete etc. as required	6	Each	
15(b)	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	10	Mtrs	
16	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	10	Mtrs	
17	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	
18	Providing & Fixing 4mm dia copper wire on surface/recess for Loop earthing along with existing surface/recessed conduit/submain wiring/cable as required.	20	Mtrs	
19	Supplying & Fixing of modular type 20Amp A.C. starter switch with GI Box complete recessed in wall.	2	Nos.	
20	Supplying & Fixing DP Sheet Steel enclosure on surface/recess along with 25/32amp 240V 'C' curve DP MCB complete with connection, testing & Commissioning etc. as required	4	Nos.	

Item No.	Description	Qty	Unit	Rate (Rs.)
21	Supplying & Fixing 4-pole Sheet Steel enclosure on surface/recess along with 16/25/32amp 415V 'C' curve 4-pole MCB complete with connection, testing & Commissioning etc. as required	1	No.	
22	Supply & Fixing RJ11 Modular Type of Telephone Outlet in G.I. Box with cover, recessed in wall / Furniture.	2	Nos.	
				Total

Amount (Rs)