

Schedule of Work

Name of Work: Electrical Renovation Work for Room No. 116E &120 in the Main Building of IACS

Item No.	Description	Qty	Unit	Rate (Rs.)	Amount (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 categorization)	10	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)	2X1.5 sq.mm+ 1X1.5sq.mm earth wire	120	Metre		
b)	2X4sq.mm +1X4sq.mm earth wire	175	Metre		
3	Supplying of 3.5 core 25sq.mm PVC sheathed/ XLPE insulated armoured aluminium power cable of 1.1 KV grade as per IS:7098(part-1) 1988 etc. as required.	10	Metre		
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.	45	Metre		
5	Laying & Fixing of one no PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size on wall surface as required. (upto 35 sq.mm. clamped with 1mm thick saddle)	55	Metre		
6	Providing and fixing 4.00 mm dia copper wire on surface or in recess for loop earthing along with existing surface/recessed conduit/submain wiring/cable as required	110	Metre		
7	Supplying and making end termination with brass compression gland and aluminium lugs for following size of PVC insulated and PVC sheathed/XLPE insulated aluminium conductor power cable of 1.1 KV grade as required.				
a)	4x16 sqmm	6	each		
b)	3.5x 25sqmm	2	each		
8	Supplying and laying of following size/modules GI box along with modular base & cover plate for modular switches in recess etc. as required.				
a)	2 modules (75mm x 75mm)	13	Nos.,		
b)	6 modules (200mm x 75mm)	13	Nos.		
c)	12 modules (200mm x 150mm)	4	Nos.		
9	Supplying & Fixing of following modular switch / socket on the existing modular plate & switch box including connections but excluding modular plate etc as required.				
a)	5/6 Amp switch	24	Nos.,		
b)	15/16 Amp switch	14	Nos.		
c)	3pin 5/6 Amp socket outlet	24	Nos.		
d)	6pin 15/16 Amp Socket outlet	14	Nos.		
e)	Telephone socket outlet	1	Nos.		
10	Supplying & fixing of modular blanking plate on the existing modular plate & switch box excluding modular plate as required.	13	Nos.		

Item No.	Description	Qty	Unit	Rate (Rs.)	Amount (Rs)
11	Supplying and drawing of following pair 0.5mm dia FRLS PVC insulated annealed copper conductor un-armoured telephone cable in the existing surface/recess steel/PVC conduit as required.				
a)	2 pair	16	Mtrs.		
12	Supplying & 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)	20mm	16	Mtrs.		
13	Supplying of 2x28 W Decorative Fluorescent tube light fitting (As per Phillips Cat. No. TMS-122 M 2x TLS -28W EBT) or equivalent model and make with lamps and reflector (As per Phillips Cat. No. GMS122 228R)	10	Nos.		
a)	Installation, Testing & Commissioning of pre-wired, fluorescent fitting/compact fluorescent fitting of all types, complete with all accessories and tubes/lamps etc, including supplying and fixing ball and socket arrangement, 2 nos of down rods of 20mm dia x 1.6mm thick steel conduit upto 30cm length painting and wiring the down rods and connections with 1.5 sq.mm. FRLS PVC insulated copper conductor, single core cable and earthing as required.	10	Nos.		
b)	Providing and fixing extra conduit down rod of 20 mm dia, 2x10cm length, wiring with 2x1.5 Sq.mm FRLS PVC insulated, copper conductor, single core cable including painting etc. as required. NOTE: More than 5cm length shall be rounded to the nearest 10cm and 5 cm or less shall be ignored.	10	Each		
14	Supplying & fixing of following rating 240V 10KA C-curve MCB suitable for inductive load of following poles in the existing MCB DB complete with connections testing and commissioning etc. as required.				
a)	6A single pole	6	Nos.		
b)	10A single pole	3	Nos.		
c)	16A single pole	9	Nos.		
d)	25A single pole	6	Nos.		
15	Supplying & fixing of following rating 415V 10KA C-curve MCB suitable for inductive load of following poles in the existing MCB DB complete with connections testing and commissioning etc. as required.				
a)	32A Three pole	4	Nos.		
b)	63A Four pole	1	Nos.		

Item No.	Description	Qty	Unit	Rate (Rs.)	Amount (Rs)
16	Supplying & fixing of modular type 25A AC starter switch with GI Box to be recessed in wall including connections but excluding providing modular plate etc as required.	6	Nos.		
17	Supplying and fixing of 10/25A shutterd socket on the existing modular plate and switch box including connections but excluding providing modular plate etc as required (Make: Cabtree ; Model: Murno)	6	Nos.		
18	Supplying and fixing of 25A 3-Pin plug top on the existing modular plate and switch box including connections but excluding modular plate etc as required.	6	Nos.		
19	Supplying & fixing of following way, horizontal type three pole and neutral, sheet steel MCB distribution board, 415V on surface / recess complete with tinned copper bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required.				
a)	6 way(4+18) double door	1	each		
20	Supplying and fixing Four pole sheet steel 415V MCB enclosure on surface/recess .(But without MCB/RCCB/isolator)	3	No.		
21	Supplying & fixing of following rating 415V 10KA C-curve MCB suitable for inductive load of following poles in the existing MCB DB complete with connections testing and commioning etc. as required.				
a)	32A Triple pole and neutral	3	No.		
22	Supplying and fixing of following sizes of medium class PVC conduit along with accessories in sorface/recess includinh cutting the wall/floor and making good the same in case of recessed conduit as required.				
a)	25 mm	10	Metre		
	GST No.-				
	SAC No.-				
	(Rupee:..... 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.

Signature of the contractor
with date & stamp