

Schedule of Work

Name of Work: Electrical Renovation Work for Room No. 38 in the Main Building of IACS as per NIT No.- IACS/WS/EL/2017-18/61, Dated - 27-10-2017

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)	4	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	40	Metre		
b)	2X4sq.mm +1X4sq.mm earth wire	30	Metre		
3	Supplying of 3 core16 sq.mm. XLPE insulated and PVC sheathed armoured aluminium conductor power cable of 1.1 KV grade as per IS: 7098 (part-I) 1988 etc. as required.	20	Mtrs		
4	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)	20	Mtrs.		
5	Supplying and making end termination with brass compression gland and aluminium lugs for following size of PVC insulated and PVC sheathed / XLPE Al. conductor cable of 1.1 KV grade as required.				
a)	3 core 16 sq.mm.	2	nos		
6	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)	4	Nos.,		
b)	6 modules (200mm x 75mm)	2	Nos.		
c)	12 modules (200mm x 150mm)	3	Nos.		
7	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	11	Nos.,		
b)	15/16 Amp switch	2	Nos.		
c)	3pin 5/6 Amp socket outlet	11	Nos.		
d)	6pin 15/16 Amp Socket outlet	2	Nos.		
d)	Telephone socket outlet	1	Nos.		

Item No.	Description	Qty	Unit	Rate (Rs.)	Amount (Rs)
8	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	30	Mtrs.		
9	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	30	Mtrs.		
10	Supplying & fixing of two module stepped type electronic fan regulator on the existing modular plate switch box including connections but excluding modular plate etc as required	1	No.		
11	Supplying & fixing of modular blanking plate on the existing modular plate & switch box excluding modular plate as required.	6	Nos.		
12	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)	2	Nos.		
13	Supplying of 1x28 W Fluorescent tube light fitting (As per Phillips Mirolta slim Cat. No. TMS-540 1xTL5-28W HF/865 1xT528W lamp) or equivalent model and make with lamps	1	No.		
14	Installation, Testing & Commissioning of pre-wired, fluorescent fitting/compact fluorescent fitting of all types, complete with all accessories and tubes/lamps etc. directly on the ceiling/wall including connections with 1.5 sq.mm. FRLS PVC insulated copper conductor, single core cable and earthing as required.	3	Nos.		
15	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	4	Nos.		
b)	16A single pole	1	Nos.		
c)	20A single pole	1	Nos.		
d)	40A single pole	1	Nos.		
e)	40A Double Pole	1	No.		

Item No.	Description	Qty	Unit	Rate (Rs.)	Amount (Rs)
16	Supplying of 1200mm sweep ceiling fan complete with all accessories (white colour)	1	No.		
17	Installation, Testing & Commissioning of ceiling fan including wiring the down rods of standard length (upto 30cm) with 1.5sq.mm. FRLS PVC insulated, copper conductor, single core cable etc. as required.	1	Each		
18	Supplying & fixing of modular type 20A AC starter switch with GI Box to be recessed in wall including connections but excluding providing modular plate etc as required.	1	each		
19	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)	1	each		
20	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.	1	each		
21	Supplying & fixing of following way, single pole and neutral sheet steel, MCB distribution board, 240V on surface / recess complete with tinned copper bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required.				
a)	2+8-way double door	1	each		
22	Supplying and fixing of single pole blanking plate in the existing DB complete etc. as required.	2	nos		
				Total	
	(Rupees.....only)				
i.	GST No.-				
ii.	SAC No.-				
iii.	Please enclosed GST Registration Certificate copy				

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.
i, ii & iii is mandatory.

**Signature of the contractor
with Stamp & Date**