

Schedule of Work

Name of Work: Electrical Renovation work for Room No: 11 in the Main Building of IACS

Item No.	Description	Qty	Unit	Rate (Rs.)	Amount (Rs)
1	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	15	Metre		
b)	2X4sq.mm +1X4sq.mm earth wire	40	Metre		
2	Supplying of 3.5 core 50 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.	25	Metre		
3	Supplying of 4 core 10 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.	25	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 1 mm thick saddle)				
a)	4 core 10 Sq.mm	25	Metre		
b)	4 core 16 Sq.mm	45	Metre		
6	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.(Above 35 Sq.mm and upto 95 Sq.mm clamped with 25x3 mm MS flat clamp)				
a)	3.5 core 50 Sq.mm	25	Metre		
7	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	190	Metre		
8	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)	3.5 core x 50 sq.mm	6	Set		
b)	4 core x 16 sqmm	8	Set		
c)	4 core x 10sqmm	4	Set		
9	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)	2	Nos.		
10	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	6	Nos.,		
b)	15/16 Amp switch	4	Nos.		
c)	3pin 5/6 Amp socket outlet	6	Nos.		
d)	6pin 15/16 Amp Socket outlet	4	Nos.		
11	Supplying & fixing of modular blanking plate on the existing modular plate & switch box excluding modular plate as required.	6	Nos.		

Item No.	Description	Qty	Unit	Rate (Rs.)	Amount (Rs)
12	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.	2	Nos.		
13	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)	2	Nos.		
14	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.	2	Nos.		
15	Supply,installation,testing and commisioning of sequential microcontroller based programmable AC timer capable to take load up to 2 ton window/split AC for 1 to 24 hours.	1	No.		
16	Supplying and fixing of Four pole sheet steel 415V MCB enclosure on surface/recess .(But without MCB/RCCB/isolator)	2	Nos.		
17	Supplying and fixing of four pole sheet steel 415V MCCB enclosure as per Legrand cat no: 6079 44 DPX3 160 . (But without MCB/MCCB/RCCB/Isolator)	1	No.		
18	Supplying & fixing of MCCB DB as per Legrand flexy DB cat no:6076 96 (13 module 4 row DPX3 160)	1	No.		
19	Supplying and fixing of 160A(25kA) 4 pole thermal magnatic MCCB as per Legrand Cat no : 4200 57 (DPX3-160)	2	Each		
20	Supplying & fixing of following rating 240V 10KA C-curve MCB suitable for inductive load of following poles in the existing MCCB DB complete with connections testing and commissioning etc. as required.				
a)	6A single pole	2	Nos.		
b)	16A single pole	2	Nos.		
21	Supplying & fixing of following rating 415V 10KA C-curve MCB suitable for inductive load of following poles in the existing MCB/MCCB DB complete with connections testing and commioning etc. as required.				
a)	16A Four pole	3	Nos.		
b)	20A Four pole	1	No.		
c)	32A Four pole	1	No.		
d)	40A Four pole	1	No.		
22	Supplying and fixing of single pole blanking plate in the existing DB complete etc. as required.	4	Each		
Total					
GST %					
CGST@					
SGST@					
SAC No:					
(Rupee: only)					

Signature of the bidder with stamp & date