

Schedule of Works as per NIT No. IACS/WS/ELEC-3 /2017-18/ 75, dt. 15-12-17

Name of Work: Electrical Renovation work for Room No: 75 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	25	Metre		
b)	2X4sq.mm +1X4sq.mm earth wire	88	Metre		
2	Supplying of 3.5 core 25 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.	70	Metre		
3	Supplying of 4 core 6 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.	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.	5	Metre		
5	Supplying of 3 core X10 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.	20	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. (Upto 35 Sq.mm clamped with 1 mm thick saddle)				
a)	3.5 core 25 Sq.mm	70	Metre		
b)	4 core 6 Sq.mm	10	Metre		
c)	3 core 10 Sq.mm	20	Metre		
d)	4 core 16 Sq.mm	5	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	210	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 25 sqmm	6	Set		
b)	4 core x 6 sqmm	2	Set		
c)	3 core x 10 sq.mm	2	Set		
d)	4 core x 16 sqmm	2	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)	8	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)	5/6 amp socket	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.	4	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)	4	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.	4	Nos.		
15	Supply,installation,testing and commisioning of sequential microcontroller based programmable twin-AC timer capable to take load up to 2 ton window/split AC for 1 to 24 hours.	2	No.		
16	Supplying and fixing of Four pole sheet steel 415V MCB enclosure on surface/recess ,(But without MCB/RCCB/isolator)	3	Nos.		
17	Supplying and fixing double pole sheet steel 240V MCB enclosure on surface/recess(But without MCB/MCCB/Isolator)	1	No.		
18	Supplying & fixing of MCB DB as per Legrand cat no:6077 50 (4way VTPNDB 8+12)	1	No.		
19	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	2	Nos.		
b)	16A single pole	2	Nos.		
c)	32A single pole	1	No.		
d)	32A double pole	1	No.		
20	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 tripple pole	1	No.		
b)	16A tripple pole	1	No.		
c)	16A Four pole	1	No.		
d)	32A Four pole	1	No.		
e)	63A Four pole	2	Nos.		
21	Supplying and fixing of single pole blanking plate in the existing DB complete etc. as required.	6	Each		
22	Earthing with copper earth plate 600mm x 600mm x 3mm thick including accessories and providing masonry enclosure with cover plate having locking arrangement and watering pipe of 2.7m long etc. with charcoal/cokeand salt as required.	2	set		
23	Providing and fixing 25mm x 5mm copper strip in 40mm dia G.I. pipe from earth electrode including connections with bruss nut,bolt,spring,washer excavation and re filling etc as required.	70	meter		
	GST %	Total			
	GST No.	CGST @			
	SAC No.	SGST @			
	(Rupee:only) Total				
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 Bidder with Stamp & Date					