

Schedule of Work						
Name of Work: Electrical Renovation Work in Room no-M-241A in the Main building & Room no - M-269 in the Main Building of IACS						
Item No.	Description	Qty	Unit	Rate	Amount (Rs)	Remarks
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)	14	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)	2X2.5 sq.mm+ 1X2.5 sq.mm earth wire	10	Metre			
b)	2X4sq.mm +1X4sq.mm earth wire	310	Metre			
3	Supplying and fixing of following size/ modules, GI/PVC box along with modular base & cover plate for modular switches in recess etc. as required.					
a)	2 Module	4	Nos			
b)	6 Module	27	Nos			
4	Supplying and fixing of following modular switch/socket on the existing modular plate & switch box including connections but excluding plate etc. as required.					
a)	6 pin 15/16A Socket	56	Nos.			
b)	15/16 amp switch	54	Nos.			
5	Supply 36W, 2'x2' recess mounting type LED light fitting (as per Mescab RoSUN Cat.No.MPLS36W with LED tube or equivalent model) complete with all accessories including connection with 1.5 sq.mm FRLS PVC insulated copper conductor ,single core cable and earthing etc. as required	4	Nos.			
6	Supply 2x25W,Wall mounting type LED tube light fitting (Make: Philips Twin Glow with LED Tubes or equivalent) complete with all accessories including connection with 1.5 sq.mm FRLS PVC insulated copper conductor ,single core cable and earthing etc. as required	5	Nos.			
7	Supply 20W, 1'x1' recess mounting type LED down light fitting (as per Philips Model.No.RC360B LED20S-6500 L30w30 PSU OD with LED tube or equivalent model) complete with all accessories including connection with 1.5 sq.mm FRLS PVC insulated copper conductor ,single core cable and earthing etc. as required	10	Nos,			
8	Supply 18W,recess mounting type round LED light (Make:Mescab, Model-MPLRS K2 18W or equivalent) complete with all accessories including connection with 1.5 sq.mm FRLS PVC insulated copper conductor ,single core cable and earthing etc. as required	3	Nos			

Item No.	Description	Qty	Unit	Rate (Rs.)	Amount (Rs)	Remarks
9	Installation,testing and commissioning of pre-wired, LED fitting /compact Led fitting of all types, complete with all accessories and tube etc. directly on ceiling, including connection with 1.5sq.mm FRLS PVC insulated, copper conductor, single core cable and earthing etc. as required.	22	Nos.			
10	Supply,Installation,testing and commissioning of 450 mm wall mounting type AIR BALL fan with electronic regulator. as required.	4	Nos.			
11	Supply,Installation,testing and commissioning of 12" 450 mm Exhaust fan with. as required.	1	No			
12	Supplying & Fixing of modular type 25 Amp A.C. starter switch with GI Box complete recessed in wall.	2	Nos.			
13	Supply & drawing 2 pair 0.5 mm dia FRLS PVC insulated annealed copper conductor,armoured telephone cable in the existing surface/recessed steel/PVC conduit as required.(Make;- Finolex,Netco or any other reputed manufacturer.	20	Metre			
14	Supply & fixing of 20 mm dia of medium class PVC conduit along with accessories in surface/recessed including cutting the wall or road and making good the same in case of recessed conduit as required.	20	Metre			
	XLPE armoured Al. cable: -					
15	Supplying of XLPE insulated and PVC sheathed armoured heavy duty aluminium conductor cable of CC/Universal/POLYCAB make 1.1KV grade as per relevant IS specifications for the following sizes:					
a)	4cx16 sq.mm	28	Metre			
16	Laying & Fixing of 1no. PVC insulated and PVC sheathed/XLPE power cable of 1.1KV Grade of following size on wall surface as required.					
a)	4cx16 sq.mm (clamped with 1mm thick saddle)	28	mt.			
	Cable Termination: -					
17	Supplying and making end termination with brass compressor gland and copper lugs for following size of XLPE insulated and (PVC sheathed aluminium conductor cable of 1.1KV grade as required).					
a)	4cx16 sq.mm	2	Nos			
18	Providing & Fixing 4mm dia copper wire on surface/recess for loop earthing along with existing surface/recessed conduit/submain wiring/cable as required.	56	Metre			
19	supply & fixing of make modular blanking plate on the existing modular plate & switch box excluding modular plate as required.	8	No.			
20	Supplying and fixing following rating 240 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)	32 A MCB, SP	1	No..			
b)	16 A MCB, SP	17	Nos.			
c)	20A MCB,SP	3	Nos.			
d)	10A MCB, SP	1	Nos.			

Item No.	Description		Unit	Rate (Rs.)	Amount (Rs)	Remarks
21	Supply and fixing DP sheet steel enclosure on surface/recess along with 32A,240V 'C'curveDP MCB complete with connections,testing & commissioning etc as required,	2	Nos.			
22	Supplying and fixing of variable timer(Reputed make or equivalent) to run both the AC periodically inside the room with complete connections,testing and commissioning etc. as required.	1	Nos.			
23	Distribution Board - (PDB): Supplying and fixing following way prewired vertical type TP&N MCB distribution board of steel sheet for 415Volts on surface/recess complete with loose wire box of sheet steel, dust protected, duly powder painted, inclusive of 200 amps tinned copper bus bar, common neutral link, earth bar, din bar for mounting MCB's, terminal connectors for all incoming and outgoing circuits, duly prewired with adequate size of FRLS PVC insulated copper conductor upto the terminal connector/neutral link, earthing etc as required (But without MCB/RCCB/Isolator).					
a)	4 way(4+12) Double Door	1	No.			
24	Supplying and fixing following rating and poles "C" curve MCB suitable for inductive load in the existing DB complete with connections,testing and commissioning etc. as required.(Make:ABB,L&T or equivalent).					
a)	63A,TPMCB	1	No.			
				TOTAL		
	Total:Rs.					
i)	CGST% -	SGST% -				
ii)	GST No.					
iii)	SAC No.					
iv)	Enclosed GST registration certificate copy					
	Note:-The quoted rate shall be inclusive of all taxes& duties,levies,cess etc and GST also.Nothing extra will be paid to the Contrctor except the accepted rate.i,ii,iii is mandetory.					