

Schedule of Work						
Name of Work: Electrical Renovation Work for Room No -249 in the Main Building of IACS						
Item No.	Description	Qty	Unit	Rate (Rs.)	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)	5	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)	2X6 sq.mm+ 1X6 sq.mm earth wire	15	Metre			
b)	2X4sq.mm +1X4sq.mm earth wire	60	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	2	Nos			
b)	12 Module	4	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	17	Nos.			
b)	15/16 amp switch	16	Nos.			
5	Supply & drawing 2 pair 0.5 mm dia FRLS PVC insulated annealed copper conductor unarmoured telephone Cable in the existing surface/recessed steel/pvc conduit as required.	15	mt.			
6	Supply 36W,Metal,Squre(2'x2') recess mounting type LED light fitting (as per Havells Octane Plus Cat. No. LHEBAEP61W1W036 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.			
7	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.	4	Nos.			
8	Supplying & Fixing of modular type 25Amp A.C. starter switch with GI/PVC Box complete surface/recessed in wall.	1	Nos.			

Item No.	Description	Qty	Unit			
9	Supplying, fixing,connection,testing and commissioning of 450 mm,Double ball bearing wall mounting type fan (Havells AIRBOLL or equivalent make) complete with all accessories ,hardwares etc. as required.	1	No.			
10	supply and fixing of FOUR POLE sheet steel enclosure on surface/recess along with 32A TPN,415V,10KA MCB complete with connections,testing and commissioning etc. as required.	1	No.			
	XLPE armoured Al. cable: -					
11	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 (ALUMINIUM)	10	mt.			
b)	4cx10 sq.mm (ALUMINIUM)	15	mt.			
12	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)	4cx16sq.mm(clamped with1mm thick saddle)	10	mt.			
b)	4cx10 sq.mm (clamped with1mm thick saddle)	15	mt.			
	Cable Termination: -					
13	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)	3.5cx16 sq.mm	2	nos.			
b)	4cx10 sq.mm	2	nos.			
14	Providing & Fixing 4mm dia copper wire on surface/recess for loop earthing along with existing surface/recessed conduit/submain wiring/cable as required.	50	mt.			
15	Installation,testing and commissioning of wall mounting fan,with 1.5 sq.mm FRLS PVC insulated,copper conductor,single core cable etc.as required	1	No.			
16	supply and fixing of DP sheet steel enclosure on surface/recess along with 25/32 A 240 V "C" curve DP MCB complete with connections,testing and commissioning etc. as required.	2	No.			

Item No.	Description		Unit			
17	Supplying and fixing following rating 415 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)	10 A MCB, SP	1	No..			
b)	20 A MCB, SP	4	Nos.			
c)	16 A MCB, SP	6	Nos.			
d)	32 A MCB TP	1	Nos.			
18	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 with provision for mounting 4pole MCCB (But without MCB/RCCB/Isolator).					
a)	4way(4+12) Double Door	1	No.			
19	Supplying and fixing following rating 415 volts, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections,testing and commissioning					
	63 A, TPN MCB	1	No.			
				TOTAL		
	(Rupees.					
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 Contrator except the accepted rate.i,ii & iii is mandetory.					