

Estimate & Schedule of Work						
Name of Work: Electrical Renovation Work for Room No. 19 situated 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)	6	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+ 1X1.5 sq.mm earth wire	12	Metre			
c)	2X4sq.mm +1X4sq.mm earth wire	70	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			
(c)	8 Module	7	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)	5/6 amp switch	7	Nos.			
b)	3 pin 5/6 amp socket	14	Nos.			
c)	6 pin 15/16A Socket	8	Nos.			
d)	15/16 amp switch	7	Nos.			
e)	Telephone socket outlet	1	Nos.			
5	Supply 20W,4' feet wall mounting type LED double tube light fitting (as per Philips Smartbright waterproof Cat. No.WT200CLED20S-6500/4000PSUL60 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	3	Nos.			
6	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.	3	Nos.			
7	Supplying & Fixing of modular type 20Amp A.C. starter switch with GI Box complete recessed in wall.	1	Nos.			

Item No.	Description	Qty	Unit	Rate (Rs.)	Amount (Rs)	Remarks
	XLPE armoured Al. cable: -					
8	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	14	mt.			
9	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)	14	mt.			
10	Cable Termination: -					
	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.			
11	Providing & Fixing 4mm dia copper wire on surface/recess for loop earthing along with existing surface/recessed conduit/submain wiring/cable as required.	28	mt.			
12	supply & fixing of make modular blanking plate on the existing modular plate & switch box excluding modular plate as required.	4	No.			
Item No.	Description		Unit	Rate (Rs.)	Amount (Rs)	Remarks
13	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)	6 A MCB, SP	2	No..			
b)	16 A MCB, SP	8	Nos.			
C)	20 A MCB SP	2	Nos.			
14	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.			

15	Supply & fixing of telephone hand set as per cat. No-6390 or technically equivalent model of other approved manufacturer (make -Panasonic TS400SX /Beetel	1	No.			
16	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)	63A Four Pole	1	No.			
17	Supply & fixing two module stepped type electronic fan regulator on the existing modular plate switch box including connections but excluding modular plate etc.as required	2	No.			
				TOTAL		
	Rupees:- Fifty seven thousand three hundred forty three only.					
	SGST%					
	CGST%					
i)	GST No.					
ii)	SAC No.					
iii)	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.					