

Schedule of Work						
Name of Work: Electrical Renovation Work for ROOM No-38 & ROOM No-75 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)	7	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	8	Metre			
b)	2X4sq.mm +1X4sq.mm earth wire	110	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)	6 Module	9	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 6/16A Socket	19	Nos.			
b)	15/16 amp switch	18	Nos.			
5	Supply 36w,Metal,Square(2'x2') recess mounting type LED light fitting (as per crompton Aura I Cat. No. LCPL-36-CDL(2x2) 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	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.			

Item No.	Description	Qty	Unit	Rate (Rs.)	Amount (Rs)	Remarks
7	Supplying & Fixing of modular type 25Amp A.C. starter switch with GI/PVC Box complete surface/recessed in wall.	1	Nos.			
8	Supply and fixing 63A,5pin,8module,415 V TPN Industrial type socket outlet with 4 pole and earth,metal enclosed plug top alongwith 63A "c" curve,TPMCB,in sheet steel enclosure,on surface or in recess,with chained metal cover for the socket outlet and complete with connections,testing and commissioning etc.as required.(make - Hager)	1	No.			
	XLPE armoured Al. cable: -					
9	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	10	mt.			
b)	4cx25 sq.mm	35	mt.			
10	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 with1mm thick saddle)	10	mt.			
b)	4cx25 sq.mm	35	mt.			
13	Cable Termination: -					
11	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.			
b)	4cx25 sq.mm	2	nos.			
12	Providing & Fixing 4mm dia copper wire on surface/recess for loop earthing along with existing surface/recessed conduit/submain wiring/cable as required.	90	mt.			
13	supply & installation of 450mm. Double ball bearing wall mounted high speed fan (as per Havells make AIRBOLL model or equivalent) complete with connection,testing, commissioning etc. as required.	3	nos.			

Item No.	Description	Qty	Unit	Rate (Rs.)	Amount (Rs)	Remarks
14	Installation,testing and commissioning of ceiling/wall fan,including wiring the down rods of standard length (upto 30 cm) with 1.5 sq.mm FRLS PVC insulated , copper conductor , single core cable etc. as required.	3	nos.			
15	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	2	Nos.			
c)	16 A MCB, SP	9	Nos.			
16	Supplying & fixing following way,horizontal type three pole and neutral ,sheet steel,MCB distribution board,415v,on surface/recess,complete with tinned copper bus bar,neutral bus bar,earth bar,din bar,interconnections,powder painted including earthing etc.as required.(But without MCCB/RCCB/Isolator)					
	4way(4+12)	1	No.			
17	Supplying and fixing following rating four pole 415V, 10KA "C" curve minature circuit breaker suitable for inductive load in the existing MCB DB complete with connections,testing and commissioning etc.as					
a)	63A, 4P MCB	1	No.			
	.			TOTAL		
	Rupees:					
i)	GST No.-	CGST-9% & SGST-9%				
ii)	SAC No.-					
iii)	Please enclosed GST Registration certificate copy					
	Note: The quoted rate shall be inclusive of all taxes & duties,levies,cess etc. including GST. .Nothing extra will be paid to the Contrator except the accepted rate.(i),(ii) & (iii) are mandetory .					