

Schedule of Work						
Name of Work: Electrical Renovation Work for Room No. 90A 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)	15	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	20	Metre			
b)	2x2.5 sq.mm + 1x2.5 sq.mm earth wire	92	Metre			
c)	2X4sq.mm +1X4sq.mm earth wire	210	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)	6Module	21	Nos			
b)	2 Module	4	Nos			
(c)	3 Module	1	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	33	Nos.			
b)	5 pin 5/6 amp socket	33	Nos.			
c)	6 pin 15/16A Socket	12	Nos.			
(d)	15/16 amp switch	10	Nos.			
5a.	Supply 2x36 W Decorative Fluorescent tube light fitting (as per philips Cat. No. TCS398 M 2XTL-D36W IC M6 or equivalent model) with two nos. lamps including connection with 1.5 sq.mm FRLS PVC insulated copper conductor ,single core cable and earthing etc. as required	15	Nos.			
(b)	Installation, testing and commissioning of pre-wired, fluorescent fitting / compact fluorescent fitting of all types, complete with all accessories and tube etc. directly on false ceiling, including connection with 1.5sq.mm FRLS PVC insulated, copper conductor, single core cable and earthing etc. as required.	15	Nos.			
6	Supplying & Fixing of modular type 20Amp A.C. starter switch with GI Box complete recessed in wall.	2	Nos.			
Item No.	Description	Qty	Unit	Rate (Rs.)	Amount (Rs)	Remarks

7	Supply & Fixing RJ11 Modular Type of Telephone Outlet in G.I. Box with cover, recessed in wall / Furniture.	1	No.			
8	Supply & drawing one pair .5 mm dia FRLS PVC insulated annealed copper conductor,unarmoured telephone cable in the existing surface/recessed steel/PVC conduit as required.	25	Metre			
9	Supply & fixing of 20 mm dia of medium class PVC conduit along with accessories in surface/recessed including cutting the wall and making good the same in case of recessed conduit as required.	25	Metre			
10	Supplying and fixing 6 A to 32 A rating 240/415 V,10KA,"C" curve, miniature circuit breaker for inductive load of following poles in the existing MCB DB complete with connections,testing and commissioning etc.as required.					
(a)	Single pole	32	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)	3.5cx50 sq.mm	10	mt.			
b)	4cx16 sq.mm	120	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)	3.5cx50 sq.mm(clamped with 25x3mm MS flat)	10	mt.			
b)	4cx16 sq.mm (clamped with1mm thick saddle)	120	mt.			
13	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)	3.5cx50 sq.mm	2	nos.			
b)	4cx16 sq.mm	14	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.	130	mt.			
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)	63 A MCB, 4P	1	No..			
b)	40 A MCB, DP	2	Nos.			
C)	32 A MCB TP	6	Nos.			

16	Distribution Board - (PDB & UPS DB): 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)	63A,8way TPN DB	1	No.			
b)	32A 4way TPN DB	1	No.			
17	Supplying and fixing following ways surface/recess mounting,vertical type,415 volts,TPN MCB distribution board of sheet steel,dust protected,duly powder painted inclusive of fully insulated 250 amps tinned copper bus bar ,2 nos.shrouded common neutral link,2 nos.earth bar,din bar for mounting MCS's,with provision of 160 amps TP 16 KA MCCB as incomer,interconnection between incomer MCCB and bus bars(but without MCB's/MCCB) as required.					
a)	160 amp 4 way TPN DB	1	No.			
18	Providing and fixing following rating and breaking capacity and pole MCCB with thermomagnetic release and terminal spreaders in existing cubicle(mentioned above)panel board including drilling holes in cubicle panel,making connections,etc.as required					
a)	125 A,16 KA TP MCCB with neutral.	1	No.			
				TOTAL		
	(Rs.			only)		
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 mandatory.					

Signature of the Bidder with Stamp & Date