

Schedule of work					
Name of Work: Electrical Installation work for HR TEM lab in CCRES Building and Room No.: T-403 in CRAFT Building					
Sl. No.	Description.	Quantity	Unit	Rate (Rs.)	Amount (Rs.)
1	Wiring for light point/fan point/exhaust fan point/call bell point with 1.5 sq.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 categorization)	2	No.		
	Make: wire: Finolex, polycab, KEI, Havells Conduit : Piazza/ presto/AKG/ precession				
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.				
	Make: wire: Finolex, polycab, KEI, Havells Conduit : Piazza/ presto /AKG / precession				
a)	2 X 2.5 sq.mm. + 1 X 2.5 sq.mm. earth wire.	275	Mtrs.		
b)	2 X 4 sq.mm. + 1 X 4 sq.mm. earth wire.	40	Mtrs.		
c)	4 X 6 sq.mm. + 2 X 6 sq.mm. earth wire.	15	Mtrs.		
3	Supplying and laying of following size/modules GI box along with modular base & cover plate for modular switches in recess/surface etc. as required.				
a)	2 Modules (75mmX75mm)	5	Nos.		
b)	3 Modules(100 mmX 75 mm)	25	Nos.		
c)	8 Modules (125 mm x 125 mm)	30	Nos.		
	Make: Crabtree/MK/Legrand/L&T/Havells				
4	Supplying and fixing of following modular switch/socket on existing modular plate & switch box including connections but excluding modular plate etc. as required.				
a)	5/6 A switch.	55	Nos.		
b)	3 pin 5/6 A socket outlet	80	Nos.		
c)	15/16 Amp switch.	30	Nos.		
d)	6 pin 15/16 Amp socket outlet.	30	Nos.		
	Make: Crabtree/MK/Legrand/L&T/Havells				
5	Supplying & fixing of following ways surface /recess mounting vertical type, 415V,TPN MCCB incoming , sheet steel, distribution board with both end cable entry box of dust protected,duly powder painted, inclusive of 200A tinned copper bus bar, common neutral link,earth bar,din bar, for mounting MCBS complete as required.				
a)	8 Way (4+24)Double door.	1	No.		
	Make: Legrand/L&T/ABB/C&S/Havells				

6	Supplying & fixing of following rating 240/415 V, 10KA, 'C' curve MCB suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required.				
a)	6A single pole	5	Nos.		
b)	16A single pole	5	Nos.		
c)	20A single pole	5	Nos.		
d)	32 A Triple pole	2	Nos.		
e)	63 A triple pole	1	Nos.		
	Make: Legrand/L&T/ABB/C&S/Havells				
7	Supplying & fixing of following rating, breaking capacity & pole MCCB with thermomagnetic release & terminal spreader in existing panel board including drilling holes in the panel , making connection etc. complete as required.				
a)	100A, 4 pole,25 KA MCCB.	1	No.		
	Make: Legrand/L&T/ABB/C&S/Havells				
8	Supplying of following PVC sheathed/XLPE insulated armoured multistrand aluminium power cable of 1.1 KV grade as per IS : 7098 (part-1) 1988 etc. as required.				
a)	3.5 core X 50 sq.mm.	20	Metre		
9	Laying & fixing of one no PVC insulated and PVC sheathed /XLPE power cable of 1.1 KV grade of size on wall surface as required. Above 35 sq.mm & upto 95 sq.mm. (clamped with 25 mm 3 mm MS flat clamp)				
a)	3.5 core X 50 sq.mm.	20	Metre		
10	Supplying & making end termination with brass compression gland and Aluminium lugs for following size of PVC insulated & PVC sheathed /XLPE insulated 'Al' conductor power cable of 1.1 KV grade as required.				
a)	3.5 core X 50 sq.mm.	2	Each		
11	Providing & Fixing of 4 mm dia bare copper wire on surface or in recess for loop earthing along with existing surface / recessed conduit / submain wiring / cable as required.	40	Metre		
12	Supplying, fixing, testing and commissioning of wall mounted 2 X 20W LED batten type luminarie, cool day light, with lights, frame and all accessories complete, as required.	2	Nos.		
	Make: Crompton/Phillips/bajaj/Havells/wipro				
13	Supplying and drawing following pair 0.5 mm dia FR PVC insulated annealed copper conductor un-armoured telephone cable in the existing surface/recess steel/PVC conduit as required.				
a)	2 pair	100	Mtrs.		
	Make: Finolex/Delton/Nicco/netco				
14	Supplying and fixing of modular type 20A AC starter switch along with GI box to be recessed/surface in wall including connections but excluding providing modular plate etc. as required.	2	Nos.		
			Total		
Rupees.....Only					
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 Contractor except the accepted rate.					
GST No:					
HSN/SAC code:					
CGST@ 9% considered in the above BOQ					
SGST@ 9%Considered in the above BOQ					