

<b>INDIAN ASSOCIATION FOR THE CULTIVATION OF SCIENCE JADAVPUR, KALKATA-32</b>					
<b>NIT NO:- IACS/WS/SB/14/55</b>			<b>DATE:-13/11/2014</b>		
<b>NAME OF WORK: Electrical Renovation Work at Room No, 24 &amp; 26A in main building at Prof.-N.Pradhan.</b>					
<b>Sl. NO.</b>	<b>Description of Work.</b>	<b>Qty.</b>	<b>Unit</b>	<b>Rate</b>	<b>Amount</b>
1	Wring for light pt/fan/ with 3x1.5 sq mm. multistarand.11kv.Gratde(Finolex/ KDK/ Havells make) in surface/recessed through heavy duty ISI marked rigid PVC conduit for 20 mm. dia. embedded on wall after necessary chase cutting up to true ceiling/ false ceiling height etc. as will be required in order to make only drop line concealed and thereafter on wall/ ceiling by PVC saddle at an interval of 0.5 meter. maximum including supply & fixing of required PVC boxes and other PVC fitting complete with Modular Switch 5A Crabtree/Roma/ABB/North-West or similar superior make duly approved by IACS authority in connection MS. box with cover plate etc . and interconnection etc. complete as required with ceiling rose (3plate) having average run of 6Mtrs.	5	Nos.		
2	Wring for power plug/AC starter/working bench etc. with (2x4+1x4) sq. mm. sized multitude copper conductor FR PVC insulated cable (Finolex/ KDK /Havells make) in surface/recessed PVC rigid conduit (ISI mark) from separate way of MCB DB to power socket broad/ switch board /AC Starter etc. complete as required including connection /end termination etc as required.	100	RM		

3	Wring for power plug/AC starter/working bench etc. with (4x6+2x6) sq. mm. sized outstand copper conductor FR PVC insulated cable (Finolex /KDK/ Havells make) in surface/recessed PVC rigid conduit (ISI mark) from separate way of MCB DB to power socket board/ switch board /AC Starter etc. complete as required including connection /end termination etc as required.	32	RM		
4	Supply and fixing of TPN 63 A rating MCB (Legrand make ) in a DB with connection of cable as required . The MCBs shall be of "C" curve type having 10 KA breaking capacity.	3	Nos.		
5	Supply and fixing of SP 10 A To 32A rating MCB (Legrand make ) in a DB with connection of cable as required . The MCBs shall be of "C" curve type having 10 KA breaking capacity.	13	Nos.		
6	Supplying and fixing (Legrand make )100 A MCCB rating.240/415 volts "C" curve, miniature circuit breaker suitable for inductive load of following poles in the Four poles enclosure ms box with connections, testing and commissioning etc, as required.	1	Nos.		
7	Supply, & fixing of modular type 3x6A and 1x16A 230V 6 pin socket outlet and 3x6A &1x16A piano key Modular type switch (make Crabtree//North West) or similar superior make duly approved by the IACS authority with suitable concealed M.S. box and cover plate 12 module etc. complete with inter connection etc. as required.	4	Nos.		
8	Supply & fixing of 2x28 w tube light With reflector fittings (as per Phillips CAT no TMS 122/228HF) with lamps of hangings the ceiling with double round block & down rod with wire as required.	4	Nos.		

9	Four end termination of cable must be gland & fixing double heavy duties copper socket .with PVC tape , nut bolt ,etc as required.	4	Nos.		
10	Supply & laying with cable 4 sq mm copper earth thing wire and end termination socked.	12	RMS		
11	Supply & fixing 2 pair 0.5 sq mm FR PVC insulated annealed copper conductor ,Unarmored telephone cable in the existing surface/recessed PVC conduit with RJ II socket as required one Point.	5	RMS		
12	Supplying & fixing of modular type 2x16/6A-230V 6 pin socket outlet with 2x16A-320V piano key switch of Modular type (make Crabtree/North West) or similar superior make duly approved by the IACS authority with suitable concealed M.S. box and cover plate 6 module etc .complete with inter connection etc. as required.	5	Nos.		
13	Supplying & fixing of modular type 4x16/6A-230V 6 pin socket outlet with 4x16A-320V piano key switch of Modular type (make Crabtree/North West) or similar superior make duly approved by the IACS authority with suitable concealed M.S. box One, and cover plate 6 module etc .complete with inter connection etc. as required.	1	Nos.		
14	Wring for circuit sub main wiring along with earth wire with the following sizes of FR PVC insulated copper conductor, single core cable in recessed medium class PVC conduit as required.4x6 sq mm.+2x6 sq. mm .earth wire. make Fenolex.	4	RMS		

15	Supplying and fixing 8 way TP ways surface mounting. vertical type, 415 volts, TPN MCB distribution board of sheet steel, dust protected, duly power painted, inclusive of 200 amps tinned copper bus bar, common neutral link, earth bar, din bar for mounting MCBs with provision of 100 amps TP 16 KA MCCB as incomer, interconnection between incomer MCCB and bus bars (but without MCBs, /MCCB) as required.	1	Nos.		
16	Earthing with copper earth plate 600 mm x 600 mm x 3 mm thick including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe of 2.7 meter long etc with charcoal/cock and salt as required.	1	Nos.		
17	S & L 25 mm x 5 mm copper strip at .50 met. Below ground as strip earth electrode, including connection / termination with nut, bolt, spring, washer etc. as required	10	Nos.		
18	S&L 4 core 95 sq mm XLPE insulated PVC sheathed Arm. Aluminium conductor cable of Gloater/NICCO make on surface with 1/2mrt.gape aluminum saddles along with all necessary hardwires etc. as required as per direction of Engineer- in-charge.	50	Met.		
19	Providing and fixing L&T make 125Amp. Capacity TP&N disconnect or fuse switch unit inside the existing panel board with ISI make HRC fuse including holes in cubicle panel connections, as required.	1	Nos.		
			<b>TOTAL=</b>		