

INDIAN ASSOCIATION FOR THE CULTIVATION OF SCIENCE**JADAVPUR, KALKATA-32****NIT NO:- IACS/WS/SB/14/31****DATE:- 30-07-2014****NAME OF WORK: Electrical Renovation Work at Room No, 132 Prof. Joyram . Guine in main building at Organic Chem.**

Sl. No.	Description of Work.	Qty.	Unit	Rate	Amount
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 andthere,after,on.wall/ceilingby,PVC.saddle.atanin terval.of,0.5.meter.maximum.including supply & fixing,of,required,PVC,boxes,andother,PVC,fitting, completewithModularSwitch,6A.Crabtree/Roma/A BB/NorthWest,orsimilar 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.	10	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.	61	RM		
3	Wring for power plug/AC starter/working bench etc. with (2x6+1x6) 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 broad/ switch board /AC Starter etc. complete as required including connection /end termination etc as required.	48	RM		
4	Four end termination of cable must be gland & fixing double heavy duties copper socket .with PVC tape , nut bolt ,etc as required.	2	Nos.		

5	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.	2	Nos.		
6	Supply & laying with cable 4 sq mm copper earth thing wire and end termination socked.	4	RMS		
7	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 Two Point.	5	RMS		
8	S&L4 core 35 sq mm XLPE insulated PVC sheathed Arm. Alumium 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.	2	RMS		
9	Supplying and fixing (Leg rand make)20A TPN MCB rating 415 volts "C" curve, miniature circuit breaker suitable for inductive load of following poles in the Four poles MS enclosure box with connections, testing and commissioning etc, as required.	2	Nos.		
10	Supply and fixing of SP 10 A To 32A rating MCB (Leg rand make) in a DB with connection of cable as required . The M.C.B.s. shall be of "C" curve type having 10 KA breaking capacity.	14	Nos.		
11	Supply and fixing of TPN 63 A rating MCB (Legrand make) in a DB with connection of cable as required . The M.C.B.s shall be of "C" curve type having 10 KA breaking capacity.	1	Nos.		
12	Supply & fixing of motor starter switch (SP) with overload protection modular type coupled with modular 25 A ,3 pin socket5 and top (Havey duties) assembled in a suitable for 2 T /1.5 T Air-condition.	3	Nos.		
13	Supplying and fixing 8 way (4+24) Double door horizontal type three pole and neutral, sheet steel, MCB distribution board ,415 volts, on surface/. Recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnection ,powder painted including ear thing etc as required. (But without MCB/RCCB/Isolator).	1	No.		

14	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.	5	Nos.		
15	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.	10	Nos.		
16	Wring for power plug/AC starter/working bench etc. with (4x4+2x4) 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.	10	RMS		
17	Wring for power plug/AC starter/working bench etc. with (2x2.5+1x2.5) 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.	5	RMS		
18	Supplying ,Fixing ,connection and testing one AC TIMER for 2 ton AC.	1	Nos.		
29	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 and cover plate etc.complete with inter connection etc. as required	2	Nos.		
20	Supplying & fixing of modular type 1x16/6A-230V 6 pin socket outlet (make Crabtree/North West) or similar superior make duly approved by the IACS authority with suitable concealed M.S. box and cover plate 3 module etc .complete with inter connection etc. as required	3	Nos.		
21	Supplying ,Fixing and testing one step type regulator, 48 inch Crompton graves Ceiling fan with connection complete.	4	Nos.		
		Total=			

22	Miscellaneous Works including new work , procurement of new item as per the requirement of the Engineer in Charge to expediter the work @ 10% of the total amount up to previous item		
		Grand Total=	