

INDIAN ASSOCIATION FOR THE CULTIVATION OF SCIENCE**JADAVPUR, KALKATA-32****NIT NO:- IACS/WS/SB/14/33****DATE:- 30-07-2014****NAME OF WORK: Electrical Renovation Work at Room No, 123 Prof. N. Pradhan in main building at Materials Science Dept.**

SI. NO.	Description of Work.	Qty.	Unit	Rate	Amount
1	Wring for light pt/fan/ with 3x1.5 sq mm. multistar and 11kv. Grade (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 there, after, 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, 6A. 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.	8	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 board/ switch board /AC Starter etc. complete as required including connection /end termination etc as required.	57	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 board / switch board /AC Starter etc. complete as required including connection /end termination etc as required.	126	RM		

4	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.	11	Nos.		
5	Four end termination of cable must be gland & fixing double heavy duties copper socket .with PVC tape , nut bolt ,etc as required.	4	Nos.		
6	Supply & laying with cable 4 sq mm copper earth thing wire and end termination socked.	42	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 one Point.	25	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.	21	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 MCBs shall be of "C" curve type having 10 KA breaking capacity.	15	Nos.		
11	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.	2	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.	4	Nos.		

13	Supply & fixing of tube light fitting (make phillips with reflector TBS669M 2xTLS 28W EBD for false ceiling) on ceiling with GI chain & first nut bolt. as required.	8	Nos.		
14	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.		
TOTAL=					
15	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=					