

**SCHEDULE OF WORKS**

NIT No- IACS/WS/SB/13/38 Date- 05-11-2013				
Name of Work: Electrical Renovation work in Room No.- 15&16 in Bio-Che dept. of I.A.C.S., Jadavpur,Kolkata-700032				
SL.No.	Description of Work	Qty	Unit	Rate(Rs)
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. embeded on wall after necessary chase cuting upto true ceiling/ false ceiling height etc. as will be required in order to make only drop line concealed and thereafter on wall/ cilling by PVC saddle at an interval of 0.5 mtr. maximum including supply & fixing of required PVC boxes and other PVC fitting complete with Moduler Switch 5A Crabtree/Roma/ABB/North-West or similar superior make duly apptoved by IACS authority in connection MS. box with cover plate ect . and interconnection ect. complete as required with cilling rose (3plate) having average run of 6Mtrs.	10	Nos	
2	Wring for power plug/AC starter/working bench etc. with (2x1.5+1x1.5) sq. mm. sized multistand copper conductor FR PVC insulated cable (Finolex/KDK/Havells make) in surface/recessed PVC rigid conduit (ISI mark) from seperate way of MCB DB to power socket broad/ switch board /AC Starter etc. complete as required including connection /end termination ect as required.	10	RM	
3	Wring for power plug/AC starter/working bench etc. with (2x2.5+1x2.5) sq. mm. sized multistand copper conductor FR PVC insulated cable (Finolex/KDK/Havells make) in surface/recessed PVC rigid conduit (ISI mark) from seperate way of MCB DB to power socket broad/ switch board /AC Starter etc. complete as required including connection /end termination ect as required.	150	RM	
4	Wring for power plug/AC starter/working bench etc. with (2x4+1x4) sq. mm. sized multistand copper conductor FR PVC insulated cable (Finolex/KDK/Havells make) in surface/recessed PVC rigid conduit (ISI mark) from seperate way of MCB DB to power socket broad/ switch board /AC Starter etc. complete as required including connection /end termination ect as required.	28	RM	
5	Wring for power plug/AC starter/working bench etc. with (2x6+1x6) sq. mm. sized multistand copper conductor FR PVC insulated cable (Finolex/KDK/Havells make) in surface/recessed PVC rigid conduit (ISI mark) from seperate way of MCB DB to power socket broad/ switch board /AC Starter etc. complete as required including connection /end termination ect as required.	45	RM	
6	Supply and fixing of Four pole 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.	1	No	
7	Supply and fixing of 20 Arating 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.	12	No	
8	Supply and fixing of 10A .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.	6	No	
9	Supply and fixing of 6A 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.	4	No	
10	Supplying and fixing (Legrand make )20 A DP MCB rating.240/415 volts "C" curve, miniature circuit breaker suitable for inductive load of folling poles in the Four poles encloser ms box with connections, testing and commissioning ect, as required.	8	No	
11	Supplying and fixing (Legrand make )40A TPN MCB rating 415 volts "C" curve, miniature circuit breaker suitable for inductive load of folling poles in the Four poles MS encloser box with connections, testing and commissioning ect, as required.	2	No	
12	Supply,Instalnstallation, testing &commissioning of 4 Way Vertical type TP&N ,MCB DB with Common Neutral &Arth link bar of Legrand/Havells/ L&Tmake with IP-43 protection (double door) prewired. Surface/recess mounted suitable for 415V 50 HZ, AC supply complete with tinned copper busber, common neutral link ,earth bar, din bar for mounting MCBs with detachable gland /Knock out plate, and with built in loose wire box and Dowell's make terminal connections ect	2	No	

13	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 ect. as required.	28	No	
14	Supply, & fixing of modular type 3x6A and 1x16A 230V 6 pin socket outletand 3x6A &1x16A piano key Modular type switch (make crabtree/Roma/ABB/North West) or similar superior make duly approved by the IACS authority with suitable concealed M.S. box and cover plate 12 module etc. complet with inter connection ect. as required.	8	No	
15	Supply& fixing of Modular type 1x16A /6A 230V 6 pine Socket outlet (make crebtree /North-West) or similar superior make duly approved by IACS authority with suitable concealed M.S box and cover plate 2 module etc. complete with inter conection etc as required.	7	No	
16	Supply & fixing of motor stater switch( SP) with overload protection modular type coupled with modular 25A /3 pin socket and top (heavy duty) assembled in a suitable MS. Concealed box with cover plate etc. Suitable for 2 T/1.5T Air-Conditioner.	6	No	
17	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.	15	RM	
18	Suppling & fixing of lights fitting (Make Phillips with reflector TBS669M 2xTLS 28W EBD for false ceiling) on ceiling with GI chane & nut bolt as required .	8	No	
19	Supply & laying with cable 4 sq mm copper earthing wire.	70	RM	
20	Supply & fixing of Electronic Timer for Crontrol of Air-Conditioner (1.5 - 2) Tons, Make The National Refregaration.	3	No	
21	S&L 35 sq mm XLPE insulated PVC sheated Arm Alconductor cable of gloster/NICCO make on surface with 1/2mrt.gape aluminium saddles along with all necessary hardwares etc.as required as per direction of Engineer-in- charge.	40	RM	
22	Four end termination of two cable must be gland & fixing double havy duties coupper socket .with PVC tape , nut bolt ,etc as required.	4	NO	
	Total			
23	Miscellaneous Works including new work , procurement of new item as per the requirement of the Engineer in Charge to expedite the work @ 10% of the total amount upto previous item			
	<b>Grand Total</b>			



