SCHEDULE OF WORKS

Name of Work: Electrical Renovation work in Glass Blowing Lab of WorkShop I.A.C.S., Jadavpur,Kolkata-700032

SL.No.	Description of Work	Qty	Unit	Rate(Rs)	Amount(Rs)	Remarks
1	Wiring for light pt./fan pt./exhaust fan pt./call bell point with 3x1.5 sq.mm, single core/Multistrand. 1.1 KV. Grade FR PVC insulated copper conductor cable (finolex/KDK/NICCO) in surface/recess through heavy duty ISI marked rigid PVC conduit of 20 mm dia. embeded on wall after necessary chase cutting upto true ceilling/false ceilling height etc. as will be required in order to make only drop line concealed and thereafter on wall/ceilling by PVC saddle at an interval of 0.5 mtr. maximum including supply&fixing of required PVC boxes and other PVC fittings complete with Moduler Switch 5A Crabtree/Roma/ABB/North-West or similar superior make duly approved by the IACS authority in concealed M.S. box with cover plate etc. and interconnection etc complete as required with ceilling rose (3plate) having average run of 6Mtrs.	15	Nos			
2	Supply, Installation, testing & Commissioning of 4-way vertical type TPN DB of Legrand/L&T/Havell's/ABB make with IP-43 protection (metal door), pre-wired, surface/recess mounted suitable for 415V, 50Hz, AC supply complete with tinned copper busbar, common neutral link, earth bar, din bar for mounting MCB's, detachable gland/knock out plate, and with built in loose wire box, and superior make terminal connectors for all incoming and outgoing circuits, inter connections etc comprising with 1 no 63A TPN MCB as incomer (MCB shall be "C" curve type with Breaking capacity not less than 10KA,) , 7 Nos 20A SP MCB & 1 No 32A TP MCB as outgoing etc. complete with inter connections and earthing as required. (Note: The MCB's shall be "C" curve type with Breaking capacity 10KA)	1	Nos			
2	Wiring for light/Power plug/AC starter/working bench etc with the following sized single core/multistand copper conductor FR PVC insularted cable in surface/recessed PVC rigid conduit (ISI mark) from separate way of MCB DB to power socket broad/switch boards/AC starter etc. complete as required including connections/end terminations etc as required.					
	(2x2.5+1x2.5) Sq. mm	160	RM			
3	**CEILING FAN:**					
	Supplying, installation, testing and commissioning of double ball bearing type 1200 mm sweep ceiling fan make Crompton Greaves of following sizes	4	No			
4	**Wall fan**					
	Wall Mounted Cabeen Fan Heavy duty Powder Coated with regulator Make by Crompton Greaves.	1	Nos			
5	**EXHAUST FAN:**					
	Supplying, installation, testing and commissioning of 18" dia. Fresh Air fan including supplying & fixing of Al. Louvers/shutters complete. (crompton make)(cutting of holes and finishing the same).	2	Nos			
6	Suppling and fixing of 2X28 Watt Tube Light fittings (as per Philips Cat No (TMS 122M 2XTL5 28W EBE) with lamps on wall/ceiling connection by 0.75 sq mm 3 core flexible Cu cable (Nicco/KDK/Havells) etc complete.	6	Nos			
7	Supplying and Laying of following sizes XLPE Insulated PVC Sheathed Ar Al conductor cable of CCI /GLOSTER/NICCO /POLYCAP/UNIVERSAL make on surface/recess with Al Shaddles ,with all necessary hard wares etc as requred as per the direction of engineer incharge					
	4 x 25 sq mm XLPE Ar Al Cable	10	mtr			
8	End termination of following sizes of XLPE PVC AR AL Cable providing and fixing with double compression type Bruss gland (Dwelles make) Heavy duty creamping type cu socket ,PVC tape etc as required.					
	4 x 25 sq mm XLPE Ar Al Cable	2	set			
9	Miscellaneous Works including new work , procurement of new item as per the requirement of the Engineer in Charge to expidite the work.	1	Job			
				TOTAL		