

PRICE BID & SCHEDULE OF WORK					
NIT No.- IACS/WS/SB/2016-17/94, Dated 21-02-2017					
Name of Work: Electrical Work for Room no 117A of IACS, Jadavpur.					
Item No.	Description of Works	Qty.	Unit	Rate (Rs.)	Amt. (Rs.)
1	Wiring for circuit/submain/power plug wiring along with earth wire with the following sizes of FRLS PVC insulated copper conductor single core cable in surface/recessed medium class PVC conduit as required.				
(a)	2x4 sq.mm. + 1x4 sq.mm. earth wire	70	Mtrs.		
2	Supplying and fixing of following size/modules GI box along with modular base & cover plate for modular switches in recess etc. as required.				
(a)	2 Module	2	No.		
(b)	6 Module	8	Nos.		
3	Supplying & Fixing of following modular switch/socket on the existing modular plate and switch box including connections but excluding plate etc. as required.				
(a)	5/6 amp switch	8	Nos.		
(b)	5 pin 6A socket outlet	8	Nos.		
(c)	6 pin 16A socket outlet	8	Nos.		
(d)	15/16 amp switch	8	Nos.		
(d)	3 pin 16A Plug Top	1	Nos.		
4	Supplying of following size XLPE insulated PVC sheathed armoured Aluminium conductor cable of CCI/Havells/Polycab make at site .				
	4-core 16 sq.mm.	18	Mts.		
	Laying of following size XLPE insulated PVC sheathed armoured aluminium conductor cable on surface/recess with aluminium saddles along with all necessary hardwares etc. as required as per direction of the Engineer-in-charge.				
	4-core 16 sq.mm.	18	Mts.		
6	Providing End Termination of the following XLPE insulated PVC sheathed armoured Aluminium conductor cable with heavy duty brass compression gland (Dowells or similar superior make approved by IACS) including crimping type copper sockets. PVC insulated tape etc. as required.				
	4-core 16 sq.mm.	2	sets		

Item No.	Description of Works	Qty.	Unit	Rate (Rs.)	Amt. (Rs.)
7	Providing & Fixing 4mm dia copper wire on surface/recess for loop earthing along with existing surface/recessed conduit/submain wiring/cable as required.	36	Mtrs.		
8	Supplying & Fixing of modular type 20 Amp A.C. starter switch on existing GI box complete recessed in wall.	1	No.		
9	Supplying and fixing following way TP&N MCB Distribution Board of sheet steel for 415V on surface/recess complete with , tinned copper bus bar, neutral link, earth bar, din bar, detachable gland plate, interconnections, powder quoted paint including earthing etc. as required (but without MCB/RCCB/Isolator).				
	4 Way, Double Door.	1	No.		
10	Supplying and fixing(6- 32) amps rating, 240/415 volts, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections,testing and commissioning etc. as required.				
(a)	Single Pole (6-20 amp)	12	Nos.		
11	Supply &fixing following rating ,four pole,415V,isolator in the existing MCB DB complete with connections,testing and commissioning etc.as required				
(a)	40 amp	1	No.		
12	Supply & drawing of 1pair 0.5 mm dia FRLS PVC insulated annealed copper conductor ,unarmoured telephone cable in the existing surface/recessed steel/PVC conduit as required.	10	Mtr.		
13	Supply & fixing of 20 mm dia medium class PVC conduit along with accessories in surface /recess including cutting the wall and making good the same in case of recessed conduit as rwquired.	10	Mtr.		
				Total (Rs.)	