

SCHEDULE OF WORK

Price Bid as per NIT No.- IACS/WS/SB/2016-17/85, dated 03-02-2017

Name of Work: Electrical Work for Proposed New Animal Room on the roof of main building of IACS, Jadavpur.

Item No.	Description of Works	Qty.	Unit	Rate (Rs.)	Amt. (Rs.)
1	Wiring for Light Point/Fan Point/Exhaust Fan Point/Call Bell point with 1.5 sq.mm. FRLS PVC insulated copper conductor single core cable in surface/recessed medium class PVC conduit with modular switch modular plate suitable GI Box and earthing the point with 1.5 sq.mm. FRLS PVC insulated copper conductor single core cable etc. as required				
	Group - C (As per CPWD Categorisation)	5	Nos.		
2	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)	2x1.5 sq.mm. + 1x1.5 sq.mm. earth wire	8	Mtrs.		
(b)	2x4 sq.mm. + 1x4 sq.mm. earth wire	145	Mtrs.		
3	Supplying and fixing of following size/modules GI box along with modular base & cover plate for modular switches in recess etc. as required.				
(a)	6 Module	9	No.		
(b)	3 Module	1	Nos.		
©	2 Module	2	Nos.		
4	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	1	Nos.		
(b)	3 pin 5/6A socket outlet	1	Nos.		
(C)	15/16 amp switch	18	Nos.		
(d)	6 pin 16A socket outlet	20	Nos.		

Item No.	Description of Works	Qty.	Unit		
5	Supplying and fixing following ways 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, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/Isolator)				
(a)	4 way (4+12),Double door	1	Nos.		
	Supplying and fixing(5- 32) amps rating, 240 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	12	Nos.		
6	Installation,testing and commissioning of pre-wired,fluorescent fitting/compact fluorescent fitting of all types,complete with all accessories and tube etc.directly on ceiling / wall,including connections with 1.5 sq.mm FRLS PVC insulated,copper conductor,single core cable and earthing etc.as required.	5	Nos.		
7	Supplying & Fixing of modular type 20 Amp A.C. starter switch with GI box complete recessed in wall.	2	No.		
8	Supplying of following size XLPE insulated PVC sheathed armoured aluminium conductor cable of CCI/Havells/Polycab make at site .				
	4-core 16 sq.mm.	40	Mtrs.		
9	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.	40	Mtrs.		

10	Providing End Termination of the following XLPE insulated PVC sheathed armoured al. 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.)
11	Providing & Fixing 4mm dia copper wire on surface/recess for loop earthing along with existing surface/recessed conduit/submain wiring/cable as required.	80	Mtrs.		
12	Supplying and fixing 32 amps rating, four pole, 440 volts MCB in the existing MCB DB complete with connections,testing and commissioning etc. as required.				
(a)	32 amps 4-pole	1	No.		
13	Supplying and fixing of variable timer(National refrigeration make or equivalent make) to run both the AC and luminaries inside the room periodically with complete connections,testing and commissioning etc. as required.	2	No.		
			Total Rs.		