

Tender Inviting Authority: IACS, Jadavpur, Kolkata.

Name of Work: Electrical Renovation Work for Room No. 94 situated in the Main Bldg. at IACS, Jadavpur.

Contract No.:

Bidder Name:

SCHEDULE OF WORKS

Sl. No.	Description of Work	No. or Qty.	Unit	Estimated Rate (in. Rs.)	RATE In Figures to be entered by the Bidder		Rs.
					Figures	Words	
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					Rupees Only	
	Group - C (As per CPWD Categorisation)	2	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.					Rupees Only	
(a)	2x1.5 sq.mm. + 1x1.5 sq.mm. earth wire	50	Mtrs				
(b)	2x4 sq.mm. + 1x4 sq.mm. earth wire	70	Mtrs				

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					Figures	Words
3	Supplying and fixing of following size/modules GI box along with modular base & cover plate for modular switches in recess etc. as required.					Rupees Only
3 (a)	2 Module	1	No.			
3 (b)	8 Module	8	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.					Rupees Only
4 (a)	5/6 amp switch	9	Nos.			
4 (b)	5 pin 6A socket outlet	25	Nos.			
5	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in reces, including providing and fixing 6 pin 5/6 & 15/16 amps modular socket outlet and 15/16 amps modular switch, conection etc. as required.	21	Nos.			Rupees Only
6	Supplying of 2x28W Fluorescent tube light fitting (as per Philips Cat No. TCS 350, 2xTL5-28W EBEMI or Equivalent Model).	2	Nos.			Rupees Only

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7	Supplying & Fixing of modular type 20 Amp A.C. starter switch with GI box complete recessed in wall.	1	No.			Rupees Only
8	Supply & Fixing RJ-11 Modular type of Telephone outlet in G.I. box with cover recessed in wall/furniture.	1	No.			Rupees Only
9	Supplying of following size XLPE insulated PVC sheathed armoured aluminium conductor cable of CCI/Gloster/Nicco/Havells/Polycab/Universal made at site at IACS, Jadavpur.					Rupees Only
	4-core 16 sq.mm.	40	Mtrs			
10	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.					Rupees Only
	4-core 16 sq.mm.	40	Mtrs.			

11	Providing End Termination of the following XLPE insulated PVC sheated 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.	4	Sets			

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					Figures	Words
12	Providing & Fixing 4mm dia copper wire on surface/recess for loop earthing along with existing surface/recessed conduit/submain wiring/cable as required.	90	Mtrs			Rupees Only
13	Supplying and fixing following way prewired TP&N MCB Distribution Board of sheet steel for 415V on surface/recess complete with loose wire box, terminal connectors for all incoming and outgoing circuits, duly prewired with suitable size FRLS PVC insulated copper conductor up to terminal blocks, tinned copper bus bar, neutral link, earth bar, din bar, detachable gland plate, interconnections, powder painted including earthing etc. as required (but without MCB/RCCB/Isolator).					Rupees Only
	4 way (4+12), Double Door	1	No.			

14	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.					Rupees Only
(a)	Single Pole	12	Nos.			
15	Supplying and fixing 63 amps rating, four pole, 415 volts Isolator in the existing MCB DB complete with connections,testing and commissioning etc. as required.					Rupees Only
(a)	Four Pole	1	No.			

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					Figures	Words
16	Installation, testing and commissioning of pre-wired, fluorescent tube light fitting/compact fluorescent fitting of all types, complete with all accessories and tube etc. including supplying and fixing ball and socket arrangement, 2 no. Down rods of 20mm dia X 1.6mm thick steel conduit upto 30 cm length, painting and wiring the down rods and connection with 1.5sq.mm FRLS PVC insulated, copper conductor, single core cable and earthing etc. as required.	2	Nos.			Rupees Only
17	Providing and fixing extra conduit down rod of 20mm dia, 2X 10cm length wiring with 2 X 1.5sq.mm FRLS PVC insulated, copper conductor, single core cable including painting etc.as required. (Note: More than 5 cm length shall be rounded to the nearest 10 cm and 5 cm or less shall be ignored).	6	Nos.			Rupees Only
18	Supplying and drawing following pair 0.5mm dia FRLS PVC insulated anealed copper conductor, unarmored telephone cable in the existing surface/recessed steel/PVC conduit as required.					Rupees Only

	2 pair	30	Mtrs			
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19	Suplying and fixing of following sizes of medium class PVC conduit along with accessories in surface/recessed conduit as required.					Rupees Only
	20 mm	30	Mtrs			
20	Supplying & Fixing 4-pole sheet steel enclosure on surface/recess along with 63 amp 415V 'C' curve 4-pole MCB complete with connection, testing & commissioning etc. as required.	1	No.			
	Total in Figures					
	Total in Words					