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No. IACS/WS/SB/2015-16/46/47

Date: - 03.02.2016

CORRIGENDUM NOTICE No. I

Name of Work: Renovation of Internal Electrification Work for proposed Ground Floor plan of Workshop (Phase – I & II) of IACS, Jadavpur

Ref: IACS/WS/SB/2015-16/46, Date: 29.01.2016

Schedule of Works					
Name of Work: Renovation of Internal Electrification Work for Proposed Gr. Fl. Plan of Workshop (Phase-I & II) of IACS.					
Item No.	Description	Qty	Unit	Rate (Rs.)	Amount (Rs)
	Sub-Head - I (Works):				
1	Wiring for light point / fan point / exhaust fan point / call bell point with 1.5sq.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)	120	Point		
2	Wiring for circuit/submain wiring alongwith 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)	2X1.5sq.mm+ 1X1.5sq.mm earth wire	400	Metre		
b)	2X4sq.mm +1X4sq.mm earth wire	650	Metre		
3	Supplying and fixing of following size/ modules, GI/PVC box along with modular base & cover plate for modular switches in recess etc. as required.				
a)	8 Module	26	Nos		
b)	3 Module	5	Nos		
c)	2 Module	15	Nos		

4	Supplying and fixing of following modular switch/socket on the existing modular plate & switch box including connections but excluding plate etc. as required.				
a)	5/6 amp switch	31	Nos.		
b)	3 pin 5/6 amp socket	83	Nos.		
c)	6 pin 15/16A Socket	15	Nos.		
5	Supplying and fixing of modular blanking plate on the existing modular plate & switch box but excluding modular plate etc. as required.	30	Nos.		
6	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in reces, including providing and fixing 5 pin 5/6 & 15/16 amps modular socket outlet and 6/16 amps modular switch, connection etc. as required.	32	Nos.		
Item No.	Description	Qty	Unit	Rate (Rs.)	Amount (Rs)
7 (a)	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/false ceiling, including connection with 1.5sq.mm FRLS PVC insulated, copper conductor, single core cable and earthing etc. as required.	47	Nos.		
(b)	Installation, testing and commissioning of pre-wired, fluorescent 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.	43	Nos.		
(c)	Providing and fixing extra conduit down rod of 20mm dia X 1.6 mm thick steel conduit, wiring with 2 X 1.5sq.mm FRLS PVC insulated, copper conductor, single core cable including painting etc.as required.	100	Mtr.		
(d)	Providing and fixing extra conduit down rod of 20mm dia X 1.6 mm thick steel conduit including painting etc.as required.	100	Mtr.		
8 (a)	Installation & connection of Ceiling Fan complete with all accessories.	26	Nos.		

(b)	Providing and fixing extra MS down rod suitable for Ceiling Fan, wiring with 2 X 1.5sq.mm FRLS PVC insulated, copper conductor, single core cable including painting etc.as required.	50	Mtr.		
(c)	Supply & fixing of Stepped type electronic fan regulator on the existing modular plate switch box including connections but excluding modular plate etc. as required Regulator with box.	26	Nos.		
(d)	Installation of exhaust fan in the existing opening, including making good the damage, connection, testing, commissioning etc. as required.	3	Nos.		
(e)	Extra for fixing the louvers/shutters complete with frame for a exhaust fan of all sizes.	3	Nos.		
Item No.	Description	Qty	Unit	Rate (Rs.)	Amount (Rs)
9	Supplying and fixing following rating 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)	63 A MCB, 4P	5	No.		
b)	32 A MCB, 4P	4	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	96	No.		
11	Supplying & Fixing 4-pole Sheet Steel enclosure on surface/recess along with 16/25/32amp 415V 'C' curve 4-pole MCB complete with connection, testing & Commissioning etc. as required	4	No.		
12	Supply & Fixing RJ11 Modular Type of Telephone Outlet in G.I. Box with cover, recessed in wall / Furniture.	17	No.		
Item No.	Description	Qty	Unit	Rate (Rs.)	Amount (Rs)

13	Sub Distribution Board - (SDB): Supplying and fixing following way prewired vertical type TP&N MCB distribution board of steel sheet for 415Volts on surface/recess complete with loose wire box of sheet steel, dust protected, duly powder painted, inclusive of tinned copper bus bar, common neutral link, earth bar, din bar for mounting MCB's, terminal connectors for all incoming and outgoing circuits, duly prewired with adequate size of FRLS PVC insulated copper conductor upto the terminal connector/neutral link, earthing etc as required (But without MCB/RCCB/Isolator).				
a)	8-way (4+24) Double Door	3	Each		
b)	4-way (4+12) Double Door	2	Each		
14	Supplying and fixing single pole blanking plate in the existing MCB DB complete etc. as required.	30	Each		
15	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.				
(a)	3.5-core 35sq.mm	100	Mtrs		
(b)	4-core 16 sq.mm.	60	Mtrs		
16	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.				
(a)	3.5-core 35sq.mm	10	Sets		
(b)	4-core 16 sq.mm.	8	Sets		
Item No.	Description	Qty	Unit	Rate (Rs.)	Amount (Rs)
17	Supplying & Fixing of modular type 20Amp A.C. starter switch with GI Box complete recessed in wall.	15	Nos.		
18	Supplying and drawing 2 pair 0.5mm dia FRLS PVC insulated annealed copper conductor, unarmored telephone cable in the existing surface / recessed steel / PVC conduit as required.	280	Mtrs.		
19	Supplying and fixing of 20mm 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 required.	250	Mtrs		

20	EARTHING:				
(a)	Supplying and installation of Earth Station with G.I. Earth Electrode 4.5 m long, 90mm dia G.I. medium guage pipe incouding accessories and providing masonary enclosure with cover plate having locking arrangement, including salt and charcoal as required as per specification, latest edition of IS 3043 and I.E. Rules, works shall be carried out on the basis of approved drawing and direction of Engineer-in-Charge.	4	Sets		
(b)	Supplying and drawing of 4mm dia Copper wire from Earth Bus to electrical equipments on surface or recess for loop earthing alongwith existing surface / recessed conduit / sub-main wiring / cable as required, all as per approved design, drawings & as directed.	200	Mtr		
(c)	Supplying and drawing of earth conductor by 25mm X 5mm GI strip from Earth Station to Earth bus / Test link through underground / wall surface as required, all as per approved design, drawings & as directed.	100	Mtr		
(d)	Providing and fixing earth bus of 50mm X 5mm copper strip on surface, all as per approved design, drawings & as directed.	1	Mtr		
				Total	
	Grand Total in Rupees				