

Schedule of Works

Name of work: Elec. Renovation in Lab-97 (Under Dr. J. Guin) of I.A.C.S., Jadavpur, Kolkata".

NIT No.- IACS/WS/SB/13/29, dated 29-07-2013

SI No.	Description of Work	Qty	Unit	Rate	Amount
1	Point Wiring for light/ fan / exhaust fan points by supplying & laying with 1.5 sq mm FR PVC insulated copper conductor single core cable of Finolex make in surface / recessed medium class PVC conduit ISI marked with Cabtree make modular switch, modular plate, suitable G. I. box and earthing with 1.5 sq mm FR PVC insulated copper conductor single core cable etc. as required.	17	No		
2	Power circuit wiring along with earthen wire by supplying & laying with 2 x 2.5 sq mm + 1 x 2.5 sq mm of FR PVC insulated copper conductor, single core cable of Finolex make in surface / recessed medium class PVC conduit of ISI marked as required.	100	Metre		
3	Power circuit wiring along with earthen wire by supplying & laying with 2 x 4.0 sq mm + 1 x 4.0 sq mm of FR PVC insulated copper conductor, single core cable of Finolex make in surface / recessed medium class PVC conduit of ISI marked as required.	200	Metre		
4	Supplying & drawing of 4 core 6 sq mm XLPE Aluminium armoured power cable on wall / surface including supplying & fixing MS clamps at 0.5 mt. interval with earthing by 2 x 10 SWG copper wire	20	Metre		
5	Supplying & making end termination with brass compression glands and heavy duty Dowell's make copper lugs for 4 core 6 sq mm XLPE aluminium armoured cable of 1.1 KV grade as required.	6	Sets		
6	Supplying & fixing 6 amp. Modular switch of Cabtree make on modular plate & switch box including connections as required	30	No		
7	Supplying & fixing 6 amp. Modular 3 pin socket of Cabtree make on modular plate & switch box including connections as required	30	No		
8	Supplying & fixing 16 amp. Modular switch of Cabtree make on the modular plate & switch box including connections as required	20	No		
9	Supplying & fixing 16 amp. 6 pin Modular socket of Cabtree make on the modular plate & switch box including connections as required	20	No		
10	Supplying & fixing 4 module GI / PVC box of Cabtree make with modular base & cover plate for modular switches in surface / recess or in work table as required	14	No		
11	Supplying & fixing 8 module GI / PVC box of Cabtree make with modular base & cover plate for modular switches in surface / recess or in work table as required	5	No		
12	Supplying & fixing 12 module GI / PVC box of Cabtree make with modular base & cover plate for modular switches in surface / recess or in work table as required	10	No		
13	Supply & fixing 6 module GI / PVC box of Cabtree make with modular base & cover plate for modular switches in surface / recess or in work table as required	2	No		
14	Supplying & fixing 63 amp. TPN MCB C curve 10 KA of Legrand make in existing MCB DB complete with connections, testing & commissioning etc. as required	1	No		
15	Supplying & fixing of 25 amp. C curve 10 KA TPN MCB of Legrand make in existing MCB DB complete with connections, testing & commissioning etc. as required	6	No		
16	Supplying & fixing of 16 amp. SP MCB C curve 10 KA of Legrand make in existing MCB DB complete with connections, testing & commissioning etc. as required	10	No		
17	Supplying & fixing of 10 amp. SP MCB C curve 10 KA of Legrand make in existing MCB DB complete with connections, testing & commissioning etc. as required	5	No		
18	Supplying & fixing of 16 inch wall fan of Crompton Greaves make with connections complete	1	No		
19	Supplying & fixing of GI down rod up to 1 mt. length for light & fan	24	No		
20	Supplying & fixing 18 inch exhaust fan after making holes in wall and making good damages and smooth cement finish etc. as practicable as possible and providing necessary length of PVC insulated wire and making connections complete	2	Sets		

21	Supply & fixing of 2X28W tube light fittings (as per Philips CAT no TMS122/228 HF) or similar superior make & model with lamps on wall / ceiling with reflector (Cat No. GMS 122/228 R) including supply & connection by 0.75sq.mm 3core flexible copper cable (NICCO /KDK) and necessary down rod 600 mm length including testing complete:	9	nos		
22	Supplying & fixing of Crompton Greaves make ceiling fan of 48 inch sweep white colour with necessary down rod of 600 mm long & cennection wires as required	6	No.		
23	Supplying & fixing & drawing 2 pair 0.5 sq mm FR PVC insulated annealed copper conductor, unarmoured, telephone cable in PVC mediun conduit of ISI marked with RJ11	2	point		
24	Miscellaneous works including dismantling work of the existing installation as per requirement of the Engineer In-charge to facilitate above work or to renovate the existing installation to be in order and other misc. work as may be required.	1	LS		
Total in words-				Total	