

Bill of Quantity

Name of Work :- Internal Electrical Works of Laboratory rooms of Central Laboratory of Pollution Control Board, Assam at Bamunimaidam, Guwahati-21.

Sl.No.	Item Code No.	Description of Item	Unit	Quantity	Rate in Words (Rs.)	Rate in Figure (Rs.)
1	1.28.2	Supplying & fixing following size/Modules, GI box alongwith modular base & cover plate for modular switches in recess etc. as required – 3 Module (100mm x 75 mm)	Each	85		
2	1.24.3	Supplying & fixing following modular switch/socket on the modular plate & switch box including connections but excluding modular plate etc. as required.				
		(i) 16 Amp. switch	Each	83		
		(ii) 16 Amp. socket	Each	84		
3	1.27.6	Supplying & fixing following size/Modules, GI box alongwith modular base & cover plate for modular switches in recess etc. as required – (i) 16 Module (200mm x 175 mm)	Each	8		
		(ii) 12 Module (200mm x 150 mm)	Each	5		
4	1.24.1	Supplying & fixing following modular switch/socket on the modular plate & switch box including connections but excluding modular plate etc. as required.				
		(i)6 Amp. switch	Each	65		

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	1.24.4	(ii) 6 Amp. socket	Each	18		
5	1.44	Installation, testing and commissioning of Ceiling Fan, including wiring the down rods of standard length (upto 30 cm) with 1.5 sq. mm FRLS PVC insulated, copper conductor, single core cable etc. as required.	Each	16		
6	1.35	Installation, testing and commissioning of wall bracket / ceiling fittings of all sizes and shapes containing upto GLS/CFL/LED lamps per fitting, complete with all accessories including connections etc. as required. (12 Watt)	Each	55		
7	1.17	Supplying and drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the existing surface/recessed steel/PVC conduit as required.				
	1.17.2	2 x 4 sq.mm	Meter	1100		
	1.17.1	2 x 2.5 sq. mm	Meter	450		
	1.17.2	2 x 1.5 sq.mm	Meter	600		
	1.17.1	1 x 1.5 sq.mm	Meter	650		
8	1.21	Supplying and fixing of following sizes of medium class PVC conduit alongwith accessories in surface/recess including the cutting the wall and making good the same in case of recessed conduit as required.				
	1.21.4	(i)40 mm	Meter	540		

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	1.21.3	(ii)32 mm	Meter	350		
9		PVC Bends and Junction Box				
		(i) 40 mm PVC bends	Each	150		
		(ii) 32 mm PVC bends	Each	100		
		(iii) 20 mm PVC junction box, two way	Each	80		
10	2.3	Supplying and fixing following way, single pole and neutral, sheet steel, MCB distribution board, 240 V, 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)				
	2.3.1	6 way, Double door	Each	3		
	2.3.4	16 way, Double door	Each	3		
11	2.5	Supplying and fixing of following ways surface/recess mounting, vertical type, 415 V, TPN MCB distribution board of sheet steel, dust protected, duly powder painted inclusive of 200 A tinned copper bus bar, common neutral link, earth bar, din bar for mounting MCBs as required.				
	2.5.1	4 way (4 + 12), Double door	Each	3		
12	2.10	Supplying and fixing 5 A to 32 A rating, 240/415 V, 10 kA, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections,				

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		testing and commissioning etc. as required.				
	2.10.1	Double Pole – 32 A	Each	8		
		Single Pole – 20 A	Each	8		
13	2.13	Supplying and fixing following rating , 4-Pole, 415 V, Isolator in the existing MCB DB complete with connections, testing and commissioning etc. as required.				
	2.13.2	63 A	Each	3		
	2.13.3	100 A	Each	3		
14	2.16	Supplying and fixing DP sheet steel enclosure on surface/recess alongwith 25/32 A, 240 V “C” curve DP MCB complete with connections, testing and commissioning etc. as required	Each	33		
15	Non-schedule	Starter for Air Conditioner	Each	8		
16	Non-schedule	Black Tape	Bundle	2		
				Total		