

BOQ for the work

Name of work: Misc electrical work including Electrical Power wiring, LAN wiring at infrastructure engineering and management laboratory as well as installation of Heavy duty exhaust fan at Structural engineerig lab at civil engineering department in IIT Guwahati Campus						
Item No.	Item of Work (Grouped under sub-heads and sub-works of estimate)	Unit	Qty.	Rate in Fig (Rs.)	Rate in words (Rs)	Amount in fig (Rs.)
1.0	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 piano type switch, phenolic laminated sheet, suitable size M.S. box and earthing the point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable etc. as required.					
a	Group B	point	20			
2.0	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					
b	2 X 4 sq. mm + 1 X 4 sq. mm earth wire	meter	540			
c	2 X 6 sq. mm + 1 X 6 sq. mm earth wire	meter	120			
3.0	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required.					
a	5/6 A switch	each	105			
b	15/16 A switch	each	25			
c	6 pin 15/16 A socket outlet	each	30			
4.0	Supplying and fixing following size/modules, GI box alongwith modular base & cover plate for modular switches in recess etc. as required.					
a	6 module	each	27			
b	8 module	each	28			
5.0	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, testing and commissioning etc. as required.					
a	Single pole	each	11			
6.0	Installation, testing and commissioning of pre-wired, fluorescent fitting / compact fluorescent fitting of all types, complete with all accessories and tube/lamp 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.	each	44			
7.0	Installation of exhaust fan in the existing opening, including making good the damage, connection, testing, commissioning etc. as required.					
a	Upto 450 mm sweep	Nos	10			
8	Supplying and drawing of UTP 4 pair CAT 6 LAN Cable in the existing surface/ recessed Steel/ PVC conduit as required.					
a	a). 1 run of cable	Mtr	400			
9	Providing, fitting & fixing of modular RJ-45 point (of approved brand) with compatable GI box, cover plate etc.	Each	25			

10.0	Supply of 450 mm sweep heavy duty exhaust fan (1400 RPM) i/c all accessories complete as required make Havells or equivalent	each	10			
11.0	Supply of 15 Watt surface downlight, round shaped 300 mm dia make JAQUAR/SYSKA/CROMPTON/PHILLIPS or equivalent	each	10			
NB: Quoted Rates are inclusive of GST						-
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