

Bill of Quantity
for

Renovation of Electrical and Network connectivity work at HOD office of Mathematics Department in IITG campus.”

Sl. No.	Description of Item	Unit	Qty.	Rate in Figure (in Rs.)	Rate in Word	Amount (Rs.)
	Part-A					
1	Wiring for circuit/ submain 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					
	2X4 sq.mm +1X4 sq.mm earth wire	mtr	230			
2	Wiring for circuit/ submain 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					
	2X1.5 sq.mm +1X1.5 sq.mm earth wire	mtr	140			
3	supplying and fixing following size / modules, GI box alongwith modular base and cover plate for modular switches in recess etc. as required.					
	i) 1 or 2 Module (75mmX75mm)	Nos	20			
	i) 3 Module (100mmX75mm)	Nos	4			
	ii) 6 Module (200mmX75mm)	Nos	5			
	iii) 8 Module (125mm*125mm)	Nos	10			
	iv) 12 Module (200mmX150mm)	Nos	2			
4	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box inclding connections but excluding modular plate etc. as required.					
	6 pin 15/16 A socket outlet	Nos	17			

5	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box inclding connections but excluding modular plate etc. as required.					
	3 pin 5/6 A socket outlet	Nos	61			
6	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box inclding connections but excluding modular plate etc. as required.					
	5/6 A Switch	Nos	46			
7	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box inclding connections but excluding modular plate etc. as required.					
	15/16 A Switch	Nos	34			
8	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box inclding connections but excluding modular plate etc. as required.					
	Telephone Socket Outlet	Nos	8			
9	Supplying and drawing of UTP 4 pair CAT 6 LAN cable in the existing surface / recessed steel/ PVC Conduit as required					
	1 run of cable	mtr	400			
10	Supplying and drawing following pair 0.5 mm dia FRLS PVC insulated annealed copper conductor, Unarmored telephone cable in the existing surface/recessed steel/PVC conduit as required					
	2 pair	mtr	100			
11	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 withot MCB/RCCB/Isolator)					
	8 way, Double door	Nos	1			

12	Supplying and Fixing 5A to 32A rating, 240/415V, 10KA, "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.					
	Double pole	Nos	2			
13	Supplying and Fixing 5A to 32A rating, 240/415V, 10KA, "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.					
	single pole	Nos	10			
14	Supplying and fixing following of medium class PVC along with accessories in surface/recess including cutting the wall along with making good to same in case of recessed conduit as required					
	i) 25 mm	mtr	200			
15	Wiring for light point/ fan point/exhaust fan point/ call bellpoint with 1.5sqmm FRLS PVC insulated copper conductor single core cable on surface/ recessed medium class PVC conduit with piano type switch , phenolic laminated sheet suitable sizes MS box and earthing the point with 1.5sqmm FRLS PVC insulated copper conductor single core cable etc as required	nos	28.00			
16	Installation testing and commissioning of prewired LED recess type light fittings of all accessories including connection with 1.5sqmm FRLS PVC insulated copper conductor single core cable earthing as required.	nos.	27.00			
17	Installation of of exhaust fan in the opening including making good the damage connection testing commissioning etc as required					
	up to 450 mm sweep	nos.	27.00			
	Part-B					
18	Supply of 36W LED 2X2 surface light fittings as per approved brand (Approved Make Syska/Philips/Havells/CG/Bajaj)	Nos	20			

19	Supply of Wall Bracket 400mm Sweep 3 blade wall fan make orient or equivalent	Nos	5			
20	Suply of five star rated Exhaust fan 300 mm light duty make Havells/Crompton Greaves	Nos	6			
21	Supplying and fixing of computer point RJ-45 modular type in compatiable box along with cover plate etc. complete make legrand or equivalent	Nos	15			
22	Supply of 18W LED 1X1 surface light fittings as per approved brand (Approved Make Syska/Philips/Havells/CG/Bajaj)	Nos	15			
TOTAL AMOUNT						
Discount @%, if any						
GRAND TOTAL						

Seal
Date :

Signature of the Tenderer