

Bill of Quantity
for

Renovation of Electrification works and up-gradation of light fittings in the classroom of Centre for Disaster Management and Research at IITG Campus

Sl. No.	Description of Item	Unit	Qty.	Rate in Figure (in Rs.)	Rate in Word	Amount (Rs.)
1	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	10.00			
2	Supply and drawing following sizes of FR PVC insulated copper conductor, single core cable in the existing surface/recess/pVC conduit as required make Havells/Finolex/RR Kabel or equivalent					
	i) 2 x 2.5 sqmm + 1x 2.5sqmm earth wire	mtr	70.00			
	ii) 2 x 4 sqmm + 1x 4sqmm earth wire	mtr	450.00			
	v) 4x 10sqmm + 2x 6sqmm earth wire	mtr	65.00			
3	Supplying and fixing following modular type switch/socket on the existing switch box/cover including connection etc.as required make legrand or equivalent					
	(a) 15 Amp Switch	pcs	8.00			
	(b) 15 Amp socket	pcs	8.00			
	c) 5 amps switch	pcs	66.00			
	d) 5 amps socket	pcs	70.00			
4	Supply and fixing modular backing plate on the existing modular plate & switch box excluding modular plate as required	pcs	10.00			
5	Supplying and , fixing of following modules GI boxes along with modular base & cover plate for modular switch in recess etc as required make havel crabtree					
	i) 1 or 2 Module	nos.	3.00			
	i) 3 module	nos.	6.00			
	iii) 6 module	nos.	12.00			

	iv) 8 module	nos.	1.00			
	v) 12 module	nos.	1.00			
6	Supply and fixing following Modular base & Cover Plate on Existing modular metal box etc as required					
	i) 6 module	nos.	21.00			
7	Supply and fixing following way horizontal three pole and neutral sheet steel MCB distribution board 415V on surface/recess complete with tinned copper busbar neutral busbar , earth bar, din bar interconnection powerder paintyed including earthing etc as required (But without MCB/RCCB/Isolator)					
	8 way (4+24) double door	nos.	1.00			
8	Supply and fixing 20amp 214V SPN industrial type socket outlet with 2 pole and earth metal enclosure plug top along with 20A C curve SP MCB MCB in sheet steel enclosure on surface or in recess with chained metal cover for the socket outlet and complete with testing and commissioining etc as required	nos.	1.00			
9	Supplying and fixing TP sheet steel enclosure on surface/ recess along with 16/25/32A 415V C Cureve TP MCB complete with connection testing and commissioining etc as required	nos.	1.00			
10	Supply and fixing 5amps to 32amp 240/415V 10KA C curve miniatutre ckt braker suitable for inductive load of following poles in the existing MCB DB complete with connection testing and commissioining etc as required					
	i) Single pole	nos.	21.00			
	ii) Double pole	nos.	1.00			
	iii) Tripole and neutral	nos.	2.00			
11	Supplying and laying of CAT-06 computer cable in existing conduit steel/PVC conduit and termination etc. as required make D-link	mtr	820.00			
12	Supply and drawing following pair 0.50mm dia FRLS PVC insulated annealed copper conductor unarmored telephone cable in the existing surface/ recessd steel/PVC conduit as required					
	i) 2 pair	mtr	120.00			
13	Supplying and fixing following modular type switch/socket on the existing swith box/cover including connection etc.as required make Anchor/ Goldmedel/Kolor or equivalent					
	i) Telephone socket outlet	nos.	1.00			

14	Supply and fixing of following sizes of medium class PVC conduit along with accessories in the surface/recess including cutting the wall making good the same in case of recess conduit required					
	i) 20mm dia	mtr	180.00			
15	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.	16.00			
16	Supplying and fixing of computer point RJ-45 modular type in compatible box along with cover plate etc. complete make legrand or equivalent	nos.	33.00			
17	Supply of 2'x2' recess mounting type 36W LED flat panel with PDC aluminium housing and PMMA diffuser makes it a robust luminaries CAT no- SSK-TVP-6060-36W (Make-SYSKA) or equivalent	nos.	16.00			
TOTAL AMOUNT						
Discount @%, if any						
GRAND TOTAL						

Seal

Signature of the Tenderer

Date :