

Bill of Quantity
for

**Electrification work for newly Installed Paoer cutter Machine and other Associate equipment at
Green Office Section in 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	6.00			
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					
	ii) 2 x 4 sqmm + 1x 4sqmm earth wire	mtr	190.00			
	iii) 4X6sqmm +2X6sqmm earth wire	mtr	21.00			
	v) 4x 10sqmm + 2x 6sqmm earth wire	mtr	45.00			
3	Supplying and fixing following modular type switch/socket on the existing swith box/cover including connection etc.as required make legrand or equivalent					
	(a) 15 Amp Switch	pcs	10.00			
	(b) 15 Amp socket	pcs	5.00			
	c) 5 amps switch	pcs	33.00			
	d) 5 amps socket	pcs	3.00			
4	Supplying and , fixing of following modules GI boxes along with modular base & cover plate for modular switch in recess etc as required make havels crabtree					
	i) 1 or 2 Module	nos.	4.00			
	i) 3 module	nos.	3.00			
	iii) 6 module	nos.	5.00			
	iv) 8 module	nos.	5.00			

	v) 12 module	nos.	1.00			
5	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			
6	Supply and fixing following way single pole and neutral sheet steel MCB distribution board240V 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)					
	12 way , double door	nos.	1.00			
7	Supply and fixing 30amp 415V TPN industrial type socket outlet with 4 pole and earth metal enclosure plug top along with 30A C curve TP 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			
8	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.	8.00			
	ii) Double pole	nos.	1.00			
	iii) Tripole and neutral	nos.	2.00			
9	Supplying and laying of CAT-06 computer cable in existing conduit steel/PVC conduit and termination etc. as required make D-link	mtr	190.00			
10	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	90.00			
11	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.	3.00			
12	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	80.00			
13	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.	6.00			
14	Supplying and fixing of computer point RJ-45 modular type in compatible box along with cover plate etc. complete make legrand or equivalent	nos.	5.00			
15	Supply of 18 W LED 1x1 surface light fittings as per approved brand (Approved Make: Syska/Philips/Havells/CG/Bajaj)	nos.	6.00			
TOTAL AMOUNT						
Discount @%, if any						
GRAND TOTAL						

Seal
Date :

Signature of the Tenderer