

**Bill of Quantity**

for

**Miscellaneous Electrical works in the Alga Biorefinery Laboratory and Laboratory No-182 under Sector in IITG Campus**

Sl. No.	Description of Item	Unit	Qty.	Rate in Figure (in Rs.)	Rate in Word	Amount (Rs.)
1	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 2.5 sqmm earth wire	mtr	30.00			
	ii) 2 x 4 sqmm + 1x 4 sqmm earth wire	mtr	55.00			
	ii) 2 x 6 sqmm + 1x 6 sqmm earth wire	mtr	70.00			
2	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 amps switch	pcs	6.00			
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3	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) 3 module	nos.	6.00			
4	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 commissioing etc as required					
	i) Single pole	nos.	3.00			
	ii) Triplle Pole	nos.	6.00			
	iii) Triple pole and neutral	nos.	3.00			
5	Supply and fixing 30amp 415V TPN industrial type socket outlet with 4 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.	4.00			

6	Laying one 1100V power cables of following sizes direct in ground including excavation, sand cushioning, protective brick covering and refilling etc. as required					
	i) Up to 35 sqmm	mtr	35			
7	Supply of 1.1KV grade PVC / XLPE Insulated Armored Aluminium underground cable (Approved Make-Havells,KEI, polycab,RR Kabel,RPG,NICCO,Finolex,CCI, incab)					
	i) 35 sqmm 31/2C	mtr	35			
<b>TOTAL AMOUNT</b>						
Discount @ .....%, if any						
<b>GRAND TOTAL</b>						

Seal

Signature of the Tenderer

Date :