

Annexure - I
BILL OF QUANTITY

Electrification works in the newly constructed security shed at IITG campus

Sl. No.	Description of Item	Unit	Qty.	Rate (Rs.)	Rates in word	Amount (Rs.)
1	Supply of following types and sizes of 1.1 kV grade PVC/XLPE insulated aluminium conductor unarmoured underground cable make Havells/RR Kabel/KEI/Finolex					
	i) 4Cx 4 sqmm	mtr	1033			
2	Supply of 10W 2 ft integral sleek extruded polycarbonate LED chanel with white acrylic cover make Bajaj ofr equivalent.The LED fittings shall have warranty for minimum period of 5 years.	nos	15			
3	Supply of Padestal fan 400mm (16 inch) sweep stand 32 make Orient or equivalent	nos	15			
4	Suplly 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) 2x2.5 sqmm + 1x2.5sqmm earth wire	mtr	30			
5	Supplying and fixing following modular type switch/socket on the existing swith box/cover including connection etc.as required make legrand or equivalent					
	l) 5amps switch	nos	45			

	ii) 5amps socket	nos	30			
6	Supplying and , fixing of following modules GI boxes along with modular base & cover plate for modular switch in recess etc as required make havelis crabtree					
	i) 8 module	nos	15			
7	Supplying and fixing DP sheet steel enclosure on surface/ recess along with 25/32 A 240 V "C" curve DP MCB complete with connections, testing and commissioning etc. as required.	nos	15			
8	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.	nos	15			
9	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	1117			
10	Supply and embedding following GI pipe (medium class) in ground including trenching (75cm deep) and refilling etc as required					
	i) 50 mm dia	mtr	60			
11	Laying of one number PVC insulated armoured telephone cable of following sizes in the existing RCC/HUME/METAL pipe as required					

	Up to 35 sqmm	mtr	60				
12	Supplying and fixing cable route marker with 10cmx10cmx5 mm thick GI plate with description there on bolted/welded to 35 mmx35mmx6mm angle iron 60cm long and fixing the same in the ground as requierd	nos	10				
13	Supply of 5 pair 0.50mm dia armored jellyfilled telephone cable make polycab or equivalent	mtr	1117				
						Total =	
						Rebate if any =	
						Grand Total =	
						Rounded to =	