

BOQ

Provision for Electrical connection needed for Central UPS system in Central Instrument facility at IITG campus

Sl. No.	Items	Unit	Quantity	Rate		Amount (Rs.)
				In Fig	In words	
1	Supplying and making end termination with brass compression gland and aluminium lugs for following size of PVC insulated and PVC sheathed / XLPE aluminium conductor cable of 1.1 KV grade as required.					
2	3½ X 150 sq. mm (50mm)	nos	10			
3	Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed steel conduit as required.					
	50 sq mm Multi Strand Copper Wire	meter	95			
	150 sq mm Multi Strand Copper Wire	meter	55			
4	Providing and fixing following rating and breaking capacity and pole MCCB with thermomagnetic release and terminal spreaders in existing cubicle panel board including drilling holes in cubicle panel, making connections, etc. as required.					
	125Amp 3 pole MCCB	nos	1			
	125 Amp 4 pole MCCB	nos	1			
	250Amp 4 Pole MCCB	nos	1			
5	Supply and fixing of 4 way enclosure on surface /recess(125/250Am without MCCB)	nos	3			
6	Supply and fixing of 400 Amp 4 pole Copper Bus bar Box	nos	3			
7	Supplying and making end termination with Copper lugs for following size of PVC insulated multistrand copper wire					
	50 sq mm	nos	45			
	150 sq mm	nos	24			
Total						
Note: Quoted Rates are inclusive of GST						