

BOQ
for

Name of Work: Electrical works of CMDR Office at Biotech Park Room No-1 of TC Building in IITG Campus.

NIT No: IITG/IPM/NIT/FY21-22/10; Dtd-12/07/2021

Sl. No.	Description of Item	Unit	Qty.	Rate (in Rs.)	Rate in Words	Amount (Rs.)
1.0	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed steel conduit, with piano type switch, phenolic laminated sheet, suitable size MS box and earthing the point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable etc. as required					
	Group-B	Point	12			
2.0	Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed medium class PVC conduit as required.					
	a).2 X 2.5 sq. mm + 1 X 2.5 sq. mm earth wire	Mtr	90			
	b).2 X 4 sq. mm + 1 X 4 sq. mm earth wire	Mtr	270			
	c). 2 X 6 sq. mm + 1 X 6 sq. mm earth wire	Mtr	35			
	d). 4 X 10 sq. mm + 2 X 6 sq. mm earth wire	Mtr	65			

3.0	Supplying and fixing of following sizes of medium class PVC conduit along with accessories in surface/recess including cutting the wall and making good the same in case of recessed Conduit as required.					
	a). 25 mm	Mtr	150			
	b). 32 mm	Mtr	270			
	c). 40 mm	Mtr	165			
4.0	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required.					
	a). 5/6 A switch	Each	15			
	b). 3 pin 5/6 A socket outlet	Each	60			
	c). 15/16 A switch	Each	25			
	d). 6 pin 15/16 A socket outlet	Each	5			
	e). Telephone socket outlet	Each	1			

5.0	Supplying and fixing following size/ modules, GI box alongwith modular base & cover plate for modular switches in recess etc. as required.					
	a). 3 Module (100mmX75mm)	Each	20			
	b). 6 Module (200mmX75mm)	Each	13			
	c). 12 Module (200mmX150mm)	Each	1			
6.0	Supplying and drawing of UTP 4 pair CAT 6 LAN Cable in the existing surface/ recessed Steel/ PVC conduit as required.					
	a). 1 run of cable	Mtr	1500			
7.0	Supplying and fixing 5 A to 32 A rating, 240/415 V, 10 kA, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required.					
	a). Single pole	Each	36			
	b).Triple pole	Each	2			
	c). Triple pole and neutral	Each	3			

8.0	Supplying and fixing following way, horizontal type three pole and neutral, sheet steel, MCB distribution board, 415 V, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/Isolator)					
	a). 6 way (4 + 18), Double door	Each	1			
	b). 8 way (4 + 24), Double door	Each	1			
9.0	Supplying and drawing following pair 0.5 mm dia FRLS PVC insulated annealed copper conductor, unarmored telephone cable in the existing surface/ recessed steel/ PVC conduit as required.					
	2 Pair	Mtr	450			
10.0	Providing, fitting and fixing of RJ-45 point (of Approved Brand) with compatible box	NO	30			
11.0	Supply of 36watt LED 2 ft X 2 ft surface/recess light fitting as per approved brands. (Makes-Philips/Syska/CG/Bajaj/Jaquar)	Each	12			
12.0	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.	Each	12			

13.0	Supplying and fixing 30 A, 415 V, TPN Industrial type socket outlet, with 4 pole and earth, metal enclosed plug top alongwith 30 A "C" curve, TPMCB, in sheet steel enclosure, on surface or in recess, with chained metal cover for the socket out let and complete with connections, testing and commissioning etc. as required	Each	1			
TOTAL AMOUNT						
Discount@.....%, if any						
GRAND TOTAL AMOUNT						

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N.B: Quoted rate should be inclusive of all Taxes.

Date:

Place:

Seal & Signature of Bidder