

BOQ

for

Name of Work: Installation of switch board and LAN port at newly installed Cubicles in Library and Gym Room of Dhansiri Hostel in IITG Campus.**NIT NO: IITG/IPM/NIT/C/2024-25/54; Dtd-18/12/2024**

Sl. No.	Description of Item	Unit	Qty.	Rate in Figure (in Rs.)	Rate in Words	Amount (Rs.)
1.0	Supplying and drawing of UTP 4 pair CAT 6 LAN Cable in the existing surface/ recessed Steel/ PVC conduit as required.					
	a). 2 run of cable	Mtr	450			
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 4 sq. mm + 1 X 4 sq. mm earth wire	Mtr	270			
	b). 4 X 10 sq. mm + 2 X 6 sq. mm earth wire	Mtr	120			
3.0	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required.					
	a). 15/16 A switch	Each	20			
	b).3 pin 5/6 A socket outlet	Each	90			

4.0	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	250			
5.0	Supplying and fixing following size/ modules, GI box alongwith modular base & cover plate for modular switches in recess etc. as required.					
	a). 8 Module (125mmX125mm)	Each	20			
6.0	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)					
	8 way (4 + 24), Double door	Each	2			
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	5			
	b). Double pole	Each	10			
	c). Triple pole and neutral	Each	2			

8.0	Providing, fitting and fixing of RJ-45 point (of Approved Brand) with compatible box	NO	34			
9.0	Installation of 6U wall mounted rack for Patch Panel including all required accessories.	NO	2			
TOTAL AMOUNT						
Discount@.....%, if any						
GRAND TOTAL AMOUNT						
<i>(Rupees.....)</i>						

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

Place:

Seal & Signature of Bidder