

BOQ**Electrification Work and Network connectivity for workstation at Research Scholar Section of Centre for Sustainable Water Research**

Sl. No.	Description of Item	Unit	Qty.	Rate (in Rs.)	Rate in Words (in Rs)	Amount (Rs.)
PART-A						
1	Wiring for circuit/Submain wiring along with earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/recessed medium class PVC conduit as required.					
	2 x 4 sq.mm + 1 x 4 sq.mm earth wire	Metre.	270.00			
	2x 10 sq.mm + 1 x 6 sq.mm earth wire	Metre.	20.00			
2	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.					
	20mm	Metre.	130.00			
	25mm	Metre.	100.00			
3	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required.					
	15/16 A Switch	Nos	24			
4	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required.					
	3 pin 5/6 A socket outlet	Nos	74			
5	supplying and fixing following size / modules, GI box alongwith modular base and cover plate for modular switches in recess etc. as required.					
	ii) 8 Module (200mmX75mm)	Nos	24			
6	Supplying and fixing following way, single pole and neutral, sheet steel, MCB distribution board, 240 V, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. asrequired. (But without MCB/RCCB/Isolator)					
	12 way , Double door	Each	2.00			
7	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.					
	Single pole	Each	10.00			
	Double pole	Each	2.00			
8	Supplying, drawing, Installation, Testing and commissioning of CAT6 UTP LSZH 23AWG Twisted Pair Cable in existing conduit/ on surface, Category 6 Unshielded Twisted Pair, 4 pair should be complied as b per UL/ETL verification program for compliance with ANSI/TIA-568.2-D standard. Outer diameter should be in the range of 6.1mm nominal with Operating Temperature Range : -5° to +60°C, Bending Radius : < 4 X Cable Diameter at -5°C ± 1°C and Pulling Force: 11.5Kg etc. complete as required.					
	1 run of cable	mtr	590			
PART-B						
9	Installation of 6 U Wall mounted rack for Patch Panel	Nos	1			
10	Supplying and fixing of computer point RJ-45 modular type in compatible box along with cover plate etc. complete make legrand or equivalent	Nos	24			
Total Amount = Rs						
Discount @.....% = Rs						
Grand Total = Rs						

Seal

Date

Signature of the Tender