



# COLLEGE OF ENGINEERING MUTTATHARA

(Under the Co-operative Academy of Professional Education, Estd. by the Government of Kerala)

No.C-57/2022/CEMT/...184


Thiruvananthapuram

Date: 24.03.2023

## QUOTATION NOTICE

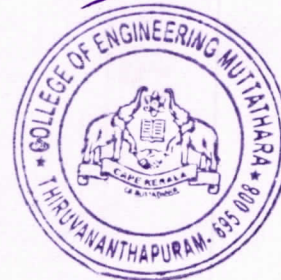
Quotation is invited from qualified firms/individuals for executing electrical work in Academic Block No.2 of College of Engineering Muttathara, Vallakadavu P.O. Thiruvananthapuram. The '**Schedule of Work**' is attached herewith for quoting rate by intending tenderers. The duly signed quotations in sealed envelope should reach the undersigned on or before 31/3/23 <sup>3</sup> A.M./P.M.

Encl:- **Schedule of work**

  
Dr.C.Sreekanth  
PRINCIPAL(i/c)

  
24/3

- To,
- 1) Website - cemuttathara.ac.in
  - 2) Notice Board
  - 3) Corporation Notice Board.



Sl.No	Description of work
I	<b>DISTRIBUTION BOARD</b>
1	Supplying and fixing 8 way, Double door, 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. as required. (But without MCB/RCCB/Isolator)
2	Supplying and fixing 6 way (4 + 18), Double door, 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)
3	Supplying and fixing 40A, double pole, 240 V, isolator in the existing MCB DB complete with connections, testing and commissioning etc. as required.
4	Supplying and fixing 40A, double pole, (single phase and neutral), 240 V, residual current circuit breaker (RCCB), having a sensitivity current 30 mA in the existing MCB DB complete with connections, testing and commissioning etc. as required.
5	Supplying and fixing 40A, four pole, 415 V, isolator in the existing MCB DB complete with connections, testing and commissioning etc. as required.
6	Supplying and fixing 40A, four pole, (three phase and neutral), 415 volts, residual current circuit breaker (RCCB), having a sensitivity current 30 mA in the existing MCB DB complete with connections, testing and commissioning etc. as required.

	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.
II	<b>CONDUITS</b>	
	1	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)	20 mm
	b)	25 mm
	2	Supplying and fixing of 20/25 mm sizes of flexible conduit along with accessories as required.
III	<b>WIRING</b>	
	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.
	a)	4 X 6 sq. mm + 1 X 4 sq. mm earth wire
	b)	2 X 4 sq. mm + 1 X 2.5 sq. mm earth wire
	c)	2 X 1.5 sq. mm + 1 X 1.5 sq. mm earth wire
	2	Supplying and drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the existing surface/ recessed steel/ PVC conduit as required.
	a)	1.5 sq.mm
	b)	2.5 sq.mm
	c)	4 sq.mm
	3	Supplying, fixing and testing 6 modules, good quality PVC surface box along with modular base & cover plate with 2 Nos. of 6A socket controlled by 2 Nos. of 6A switches and required materials in recess etc. as required.
	4	Supplying, fixing and testing 3 module, good quality PVC surface box along with modular base & cover plate with 1 No. of 16A socket controlled by 1No. of 16A switch and required materials in recess etc. as required.

5	Supplying, fixing and testing 3 module, good quality PVC surface box along with modular base & cover plate with 1 No. of 6A socket controlled by 1 No. of 6A switch and required materials in recess etc. as required.