



# Government College of Engineering

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No. GECA/EED /2019-20/2792  
To,

Date  
**28 AUG 2019**

GECA Notice Board/ GECA Website

## Subject :- Quotation for Equipment of Electrical Department.

Dear Sir, You are requested to send your competitive quotations for the supply of the following items subject to the following conditions.

### Terms & Conditions -

- 1 Rates quoted should be FOR AURANGABAD or free delivery at the Institute inclusive of all lead and Lift.
- 2 Detailed specifications of the articles you intend to supply should be given. If not according to the specification, laid down here under.
3. The material should be supplied within (07) days from the date of order. List of material is given below.
4. The earliest delivery period should be quoted if you cannot supply within the period mentioned above.
5. Quotation should be in sealed cover and superscripted as **“Quotations” for Equipment of Electrical Department.** Due on : **06-09-2019**, at 5.00 P.M. **(06-09-2019)**
6. Quotation should be valid for 31.03.2020
7. Right to reject any or all quotations are reserved with the under signed.
8. Rates quoted must be inclusive of All applicable Taxes.
9. Delivery of the material will be carried out free of cost at our institute in EED Dep. 1<sup>st</sup> Floor in
- 10 **Installation of the material will be carried out free of cost at our institute by the supplier.**
11. Demonstration & Training Must be given to Staff
12. No advance shall be paid and No part payment shall be made.
13. Quotation not complying with the above conditions and incomplete once will not be considered

1. Relay Testing Kit with Fuse, MCB testing facility		
Sr. No.	Specifications	Quantity
1	<b>A) Relay Testing Kit:</b> Suitable for testing of Various relays for their Time-Current characteristics. Specification: Input: 230V AC, single phase. Output : 1) Voltage source: AC Voltage source: 0-230V AC, 2A and/ or DC Voltage source: 0- 230V DC, 2A. 2) Current source: 0- 5-25-50A with various taps for selection. 3) Time interval meter for time measurement.	01
	<b>B) Fuse base with fuse wire:</b> (Sample 5 nos. Each with different ratings).	01
	<b>C) MCB, 2 Pole, 10Amp. Make: ABB/BI/ L&amp;T</b>	01
	<b>D) Numerical Under/ Over Voltage Relay:</b> 1 Pole, Under/Over Voltage relay, Numerical type. 110V PT. With various tappings. Make: AEPI /BI/L&T	01
	<b>E) Static Over current relay:</b> Single Pole, 1A or 5A, with PSM setting range: 50% to 200% in steps. Make: L&T/AEPI/BI.	01

2. Simulation model for protection schemes for 3 Phase Induction Motor		
Sr. No.	Specifications	Quantity
2	<p>a) 3 Phase Induction Motor: 1HP, 3Phase, 415V AC.</p> <p>b) Various Protective relays as under:</p> <ul style="list-style-type: none"> <li>* Definite time over current relay.</li> <li>* Over heating protection relay or Thermal Protection relay.</li> <li>* Single Phase Preventer.</li> <li>* Under/ Over Voltage Relay.</li> </ul> <p>The above relays will be a composite or separate relays.</p> <p>c) Testing Panel:</p> <ul style="list-style-type: none"> <li>* Input: 3 Ph, 230V AC.</li> <li>* 3 Pole MCB for input side.</li> <li>* DOL Starter.</li> <li>* Aux. supply for relays.</li> <li>* Fault simulation facility.</li> <li>* ON/OFF switches/ MCB.</li> <li>* Accessories: Indicating lamps, Digital Ammeter, Voltmeter, AC and DC.</li> </ul> <p>d) Construction: All the above components shall be fitted in an MS enclosure duly powder coated with self-standing facility. All the components shall be duly labeled. With insulated termination for external connections of relay and test set for study use.</p>	01

Yours faithfully



Head of Electrical Engineering  
Govt. College of Engineering  
Aurangabad