



“Towards Global Technological Excellence”
GOVERNMENT COLLEGE OF ENGINEERING, AMRAVATI
(An Autonomous Institute of Government of Maharashtra)
Near Kathora Naka, Amravati, (M. S.), India, Pin: 444 604

Phone: 0721-2531929 (office), 2531930

Website: www.gcoea.ac.in E-mail: principal.gcoeamravati@dtmaharashtra.gov.in

No. GCoEA/E&Tc/Enquiry/2023-24/ 1432

Date: 12/4/2023

To,
M/S-----
-----List is attached herewith-----

Subject: - Quotation for the Hands-on training on “**PCB Designing**” in the Department of Electronics Engineering at **Government College of Engineering, Amravati**.

Dear Sir,

Hereby quotations with lowest reasonable rates for the following training content are being called; send your quotation in the sealed cover to reach the undersigned on or before 20/04/2023.

Sr. No.	Content	Details
1.	Training Title	Hands-on training on “ PCB Designing ”
2.	Training Venue	College premises
3.	Training Duration	18 Hours (5/6 Hours per day)
4.	Training Material	Training Material should be handover to the participants on the commencement of the training
5.	Training Certificate	Certificate for all the participants
6.	Training Objectives	a. To learn fundamentals of Electronics components. b. To work with various passive and active components. c. To learn procedure for PCB designing. d. To use PCB designing software. e. To know about PCB packaging.
7.	Target Participant	Third Year B. Tech. (70 - 80 students)
8.	Detailed contents	DAY 1 : <ul style="list-style-type: none">• Overview of various Electronic Components, Electronic Devices, Electromechanical Components and their Specifications, Features, Dimensions / Footprint.

		<ul style="list-style-type: none"> • Basic Material for PCB Boards, Electronic Circuit Diagrams for some Basic Experiments, Schematic Design in PCB Design Software, Tool. • PCB Layout Design for Single Layer PCB having Leaded (Through Hole) Components, Cross Probing, Auto Router Feature. Gerber Generation. <p>DAY 2:</p> <ul style="list-style-type: none"> • PCB Layout Design for Surface Mount Components (SMDs), PCB Layout Design for Double Layer & Multi-Layer PCBs. • CASE STUDY: PCB Fabrication for Single Layer Small & Simple PCB & Process Steps suggested / Recommended for In-House Single Layer PCBs. • PCB Fabrication as applicable for Small & Simple PCB. <p>DAY 3:</p> <ul style="list-style-type: none"> • Study of packaging material. • Process to convert PCB to a finished product.
--	--	---

Note:

- The dispatch number of this office i.e. outward number of the quotation call letter, the name of the department for which the quotation is desired and the heading “Quotation for the training of _____”, should necessarily be superscribed on the main envelope.

TERMS & CONDITIONS

It is proposed to have a Two Envelops System for this Quotation: Envelops should be sealed with a mention of the type of envelop (Technical / Financial) and the outward number of the quotation call letter. These two envelops should be sealed in a third (main) envelop, as mentioned above.

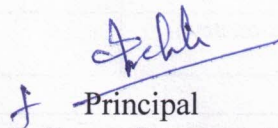
Technical Specifications – Cover should contain Technical specifications document.

- A) **Covering letter** for the quotation on the letter head of the supplier.
- B) **Establishment certificate** must be enclosed.
- C) **ST/CST/VAT/GST registration certificate** along with respective **clearance certificate** for the assessment year is also necessary.
- D) **No-Deviation Statement:** No-Deviation statement for specification of the Training offered giving details of specifications in following pro-forma only (No other format will be accepted).

Supplier must fill the specified pro-forma and mere certifying that 'There is no deviation between Enquiry specifications and specifications quoted by the bidder' is not acceptable and such quotations are likely to be rejected.

(2) **Commercial Quotation** – Cover should contain price quote document.

- A) **Validity:** The rates offered should be valid till 31/03/2024.
- B) **Price:** F.O.R. destination at Government College of Engineering, Amravati. The offer should be firm, inclusive of all taxes. No extra charges will be paid. If needed, taxes, duties, charges etc. should be clearly mentioned.
- C) **Payment:** 100% against satisfactory completion of training.
- D) **Training material** should be supplied at the time of training free of cost.
- E) The undersigned reserves the right to accept or reject any offer or all offers without assigning any reason thereof.
- F) The undersigned shall not incur any liability to pay interest for delay in payment of bills for any reasons what so ever.


Principal
Government College of Engineering, Amravati

Proforma of No-Deviation Certificate

Name of the Supplier:

Specification of Training stated in Enquiry step by step as per specifications mentioned in document	Specification of Training offered by the supplier step by step	Whether there are deviation from the tender specification, Yes / No	If yes, indicate clearly which the deviations are
1	2	3	4
Specification detail 1,			
Specification detail 2...			
etc.			

Signature of Supplier with Seal