



[BY EMAIL & POST]

To

Open Invitation

www.ptu.ac.in

Subject: Request for quotations to supply equipment for PCB Lab

Dear Sir,

This is in reference to purchase of equipment for PCB Lab the Department of ECE at IKG Punjab Technical University, Main Campus, Kapurthala.

1. You are invited to submit your most competitive quotations for the following goods with item wise detailed specifications given at **Annexure-I**
2. **Quotation:**
 - a) Overwriting in quotation should be avoided.
 - b) All duties and other levies payable by the supplier shall be included in the unit price.
 - c) Applicable taxes shall be quoted separately for all items.
 - d) Quotation shall remain valid for **45 Days** after the last date of quotation submission.
 - e) Each bidder shall submit only one quotation.
 - f) The prices should be quoted in Indian Rupees only.
3. **Evaluation of Quotations:** The Purchaser will evaluate and compare the quotations determined to be substantially responsive, i.e., which
 - a) are properly signed and
 - b) confirm to the terms and conditions, and specifications.
 - c) The quotations would be evaluated for all items together.
4. **Award of Purchase Order:**

The Purchaser will issue the Purchase Order to the bidder whose quotation has been determined to be substantially responsive and who has offered the lowest evaluated quotation price.

 - a) Notwithstanding the above, the Purchaser reserves the right to accept or reject any quotations and to cancel the bidding process and reject all quotations at any time.
 - b) The bidder whose bid is accepted will be issued Purchase Order by the Purchaser prior to the expiration of the quotation validity period. The terms of the accepted offer shall be incorporated in the purchase order.
5. **Payment Terms:** All goods will be delivered to Department of ECE at IKGPTU Main Campus, Kapurthala. Payments shall be made in Indian Rupees as follows:

a) Delivery and Installation	—	90% of total cost
b) Satisfactory Acceptance	—	10% of total cost
6. **Warranty:** All supplied items under purchase must have warranty of **12 Months** from the date of successful acceptance of items.
7. **Last Date & Time:** You are requested to provide your offer latest by **17-June-2019, 17:00 hours**.

"Propelling Punjab to a Prosperous Knowledge Society"

I.K. Gujral Punjab Technical University

Jalandhar-Kapurthala Highway, Kapurthala-144603 [Website: www.ptu.ac.in]

Page 1 of 3

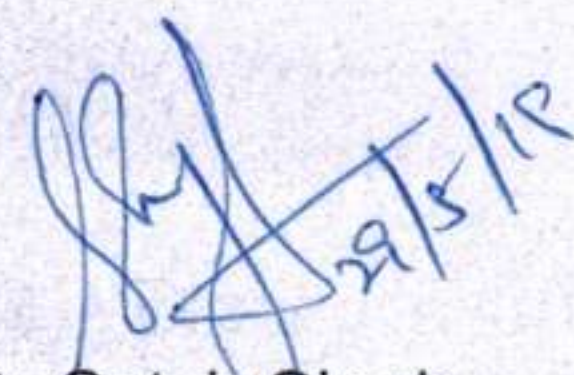


7. **Last Date & Time:** You are requested to provide your offer latest by **17-June-2019, 17:00 hours**.
8. Training Clause (if any) **Yes**
9. Testing/Installation Clause (if any) **Yes**
10. Information brochure/product catalogue, if any must be accompanied with quotation clearly indicating the model quoted for.
11. **Sealed Quotations:** Quotations sent via email should be summarily rejected. Only sealed quotations to be submitted/delivered at the address mentioned below:

[QUOTATIONS FOR PCB LAB || MUST REACH BEFORE 17.06.2019, 5pm]

To
Department of ECE, 3rd Floor CB-1
Main Campus, IKG Punjab Technical University,
Jalandhar-Kapurthala Highway, Kapurthala-144603 (PB)

We look forward to receiving your quotation and thank you for your interest in this project.


Dr Satvir Singh
Chairman Purchase Committee
(Authorized Signatory)

Head
Department of Electronics & Communication Engineering
IK Gujral Punjab Technical University
Main Campus, Kapurthala (Punjab)-144603

ANNEXURE-I

S. No	Items under purchase with specifications	Qty	Unit Rate	GST Rate	Total Cost (INR)
1.	PCB Curing Machine (Oven): Table-top, Timer controlled heating system, PCB Size 10" x12", Power 230V/5A	01			
2.	Dip-Coating Machine: Table-top, PCB size 10" x12", Tank Capacity 2 litres, Power 230V/5A	01			
3.	Double-sided UV Exposure: Table-top, UV Tubes 2x4 (8W), 0-10min electronic timer, PCB size 10" x12", Power 230V/5A	01			
4.	Etching Machine: Single & Double-sided PCB etching, PCB size 10" x12", Tank Capacity 10 litres, Corrosion free, Thermostat control, Timer 0-4min, Power 230V/5A	01			
5.	PCB Drilling Machine: Table-top, High-speed PCB drilling machine with DC motor (No belt & pulley), 3-Step Speed Control, Motor Speed 12000-20000 rpm, Drill size 0.6-3mm, Power 230V/5A	01			
6.	Shearing Machine: Table-top, Cuts PCBs/laminates, Cutting width 12"	01			
7.	Dye/Developer Machine: Table-top, Dying and Developing two-in-one, Tank Capacity 2 Litre, PCB size 10" x12", Timer 0-4min.	01			
8.	PCB Holder: Adjustable for prototype and production work, Max work area 230x170mm	01			
9.	PCB Holder with Magnifier: Lens diameter 3", Adjustable Lens angle, Jaws for holding PCB	01			
10.	Consumable Chemicals/Items: (a) Developing Trays (3No.) (b) Safe Lamp (01No.) (c) Lith-Film 10"x12" (10No.) (d) Lith-Film A&B Developer (5L) (e) Lith Film Fixer (1Bottle) (f) Single Sided PCB Laminates (05No.) (g) Liquid Photoresist (2L) (h) Photoresist Thinner (1L) (i) Photoresist Developer (5L) (j) Photoresist Dye (5L) (k) Etching Crystals (5Kg) (l) 0.8mm, 1mm Drill Bits (02 each)				

Dr Satvir Singh
Chairman Purchase Committee
(Authorized Signatory)

Head
Department of Electronics & Communication Engineering
IK Gujral Punjab Technical University
Main Campus, Kapurthala (Punjab)-144603

"Propelling Punjab to a Prosperous Knowledge Society"

I.K. Gujral Punjab Technical University

Jalandhar-Kapurthala Highway, Kapurthala-144603 [Website: www.ptu.ac.in]

Page 3 of 3