



# Central University of Punjab

City Campus, Mansa Road, Bathinda-151001, Ph: 0164-2864155

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Website: [www.cup.ac.in](http://www.cup.ac.in), [www.cup.edu.in](http://www.cup.edu.in)

Ref. No.: CUPB/SPO/18-19/NIQ/ 1194 (Notice Inviting Quotation)

Dated: 5/10/2018

**Subject:** Quotation for chemicals.

Dear Sir/Madam,

1. You are requested to send the sealed quotation complete in all respects required for teaching /research activities or both at CUP, Bathinda as follow:

S. No.	Product Name	Qty.
1.	Lattice Dynamics Kit (Detailed specification attached)	01 No.
2.	Curie Temperature Kit (For Ferroelectric) with Dielectric Constant Kit (Detailed specification attached)	01 No.

2. The envelope must be superscribed "NIQ- #2. Last date is 26/10/2018 by 5:30PM".  
Quotation should reach at the following address:

**The Registrar,  
Central University of Punjab,  
City Campus, Mansa Road,  
Bathinda- 151 001(Punjab)**

3. Kindly mention make and model of quoted item(s).

4. **Terms & Conditions as follows:**

1. **Prices:** Quoted prices of equipment(s) / item(s) should be firm, inclusive of insurance and FOR Central University of Punjab (CUPB), City Campus, Mansa Road, Bathinda unless specified otherwise by the bidder) and complete break up of all charges, taxes and duties payable by the University should be clearly defined otherwise it will be presumed that the rates quoted are inclusive of all these charges/taxes/duties and nothing extra will be paid. **Special Discount/ Rebates, whichever applicable, keeping in view that the supplies are being made to an educational Institutions, may please also be indicated.**

2. **Payment terms:** The 100% payment will be made through RTGS/by cheque after delivery, installation (if any) and demonstration of goods in good condition and inspection.

3. **Validity:** Quotations should be valid for 03 months from the last/due date of tender its submission.

4. **Incomplete or Misleading quotations:** Quotations duly sealed and sent only by post/courier will be considered. Quotations received late or without earnest money or misleading will be out rightly rejected. However, in those cases where -required documents are not submitted or tender is incomplete in any respect, Central University of Punjab, Bathinda, reserves the right to reject such tenders. No Responsibility with regard to postal delays due to any reason whatsoever will be accepted.

5. **Right to reject:** The CUPB reserves right to accept/reject any or all the Quotations at any time without assigning any reason.

6. **Warranty:** Please mention warranty clause clearly.

7. **Delivery Schedule:** Delivery schedule should be clearly mentioned in Quote. The material will be supplied within stipulated time period as given in the supply/ work award letter. In case of imported item, the supplier/ their Indian agent will be responsible for delivery of the material from the place of discharge of material to final point.

8. **Arbitration:**

1. If it any time any question dispute or difference of what so-ever nature arise between the purchaser/University and the bidder/contractor/supplier, upon or in relation to or in connection with purchase order/contract, either party may forthwith give to the other notice in writing of the existence of such question dispute or difference and the same shall be referred

to sole arbitration of a nominee of the purchaser/University, who shall give a reasoned/speaking awards. The award of the sole arbitrator shall be final and binding on the parties under the provisions of the Indian Arbitration Act-1996(Amended up to date) and of the rules, there under. Any statutory amendment, modification or re-enactment thereof for the time being in force, shall be deemed to apply and be incorporated in the contract/purchase order. The sole Arbitrator shall be any officer of the University whose name is approved by the Vice Chancellor. It will not be objectionable if the Sole arbitrator is an officer of the university and he has expressed his views on all or any of the matter in question of dispute or difference.

2. Upon every or any such reference, the cost of and incidental to the reference and award respectively shall be in the discretion of the sole arbitrator so appointed who may determine the amount there of or direct the same to be fixed as between the solicitor and client or as between party and shall direct by whom & to whom and in what manner the same is to be borne and paid.

9. **Penalty for non/late delivery of material:** If the supplier fails to deliver and install the material/equipment within the stipulated delivery period of the purchase order/contract the same is liable to pay penalty charges @0.5% per week of the cost of goods/ services not supplied/installed, not exceeding maximum limit of 10% of the cost of complete equipment/material so delayed to be installed.

10. **Custom Duty Exemption:** The University being a public funded and non-commercial research institution is exempted from paying Custom Duties vide notification no. 51/96-custom and the provision of the said notification will apply. University will provide DSIR certificate, Custom Duty Exemption Certificate (CDEC), road permit and other necessary certificates. Since the University does not have any Clearing Agent, the Supplier is required to get the consignments cleared on behalf of the University. The admissible duties, as applicable will be reimbursed to the Supplier on production of documentary evidence of payment made. In case of direct supply by overseas Principal/OEM the equipment should come straight from the nearest Airport to the University and not be taken to any local warehouse/ Godown. In case of inspection by the Customs, legible seal of Custom Officials should be present along the tearing of consignment.

11. **Civil Suit Jurisdiction:** All legal proceedings in connection with this Purchase order/Contract shall be subject to the territorial jurisdiction of the local Civil Courts at Bathinda only.

12. **Cancellation :** The purchaser reserves the right to cancel the purchase order as a whole or in part at any time or in the event of default on the part of the Supplier prior to the receipt of information regarding taking in hand of the manufacture of material against the Purchase order/dispatch of material to the consignee.

13. **Acceptance of order:** On behalf of \_\_\_\_\_, I \_\_\_\_\_ state that I have read all the above terms & conditions given in the NIQ. I agree & hereby give my consent to comply with the same.

Thanking you,

Yours sincerely,

*Sunil Mittal*  
4/10  
Purchase Officer ✓

Copy to

1. Computer Centre (To upload on University websites).
2. Dispatch section (Registrar office).
3. File.

1. Specification For Lattice Dynamics kit

It should full fill following Objectives:

1. Study of the dispersion relation for the mono-atomic lattice-Comparison with theory.
2. Determination of the cut-off frequency of the mono-atomic lattice.
3. Study of the dispersion relation for the di-atomic lattice – ‘acoustical mode’ and ‘optical mode’ energy gap. Comparison with theory.

Consists of an audio oscillator with amplitude control and facility to vary the frequency from 0.9 KHZ to 90 KHZ , standard power supply, Transmission line. frequency counter 6 unit and standard manual.

2. Curie Temperature Kit (For Ferroelectric) with Dielectric Constant Kit

It should full fill following Objectives:

1. Determination of dielectric constant of PZT material with Temperature variation and thus determining Curie temperature.
2. Determination of dielectric constant of solids

Main unit of Curie temperature with dielectric constant kit consists of:

- a) Digital voltmeter (0-9.99 V ac)
- b) Audio oscillator ( 1 KHz)
- c) Standard Capacitors (pf, nf)
- d) Dielectric cell consists of 25mm dia. or above, Gold plated brass discs fitted in between the cell holder.
- e) Standard samples 02 numbers for each Curie temperature and Dielectric constant kit
- f) Furnace: PID Controlled (RT – 170 degree C or above)
- g) Thermocouple
- h) Standard manual



