

INDIAN INSTITUTE OF ENGINEERING SCIENCE AND TECHNOLOGY, SHIBPUR  
Howrah -711103.

**Advt. No.DE/D(AA)/16/69 (PHY)**

**Date 05.12.2016**

**Tender**

Sealed quotations are invited to supply equipments in the Dept. of **Physics**. The last date of submission of tender is **15 working days** after publication For details see [www.iiests.ac.in](http://www.iiests.ac.in).

Dean (Administrative Affairs)

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## INDIAN INSTITUTE OF ENGINEERING SCIENCE AND TECHNOLOGY, SHIBPUR

P.O. Botanic Garden, Howrah – 711 103, West Bengal, India



**Tender Notice No. :**

*For Supply of*

**Various Laboratory Equipment**

**Under**

**Department of Physics**

**December 2016**

**Ref. Advt. No. DE/D(AA)/16/69(PHY), Published in "Times of India" "Bartaman" & "Sanmarg" Dated :**

**06.12.2016**

## Department of Physics

**Indian Institute of Engineering Science & Technology, Shibpur**

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### **Notice Inviting Quotations**

ADVT. NO. **DE/D(AA)/16/69(PHY)**, Date : **06.12.2016**

Sealed quotations are invited from bonafide suppliers for the supply of laboratory equipment in the Department of Physics. Details are available from Department of Physics, IEST Shibpur. The sealed quotations should be addressed to the **Head, Department of Physics, Indian Institute of Engineering Science and Technology, Shibpur, Howrah -711103**. Indicating enquiry no. with date on the top of the sealed envelope.

The **last date of submission** of tender is **15 working days** (excluding Saturday and Sunday) after the date of publication. The sealed quotations should be dropped in the Drop Box at the office of the Department of physics.

**Date and time of tender opening is 29<sup>th</sup> December, 2016 at 3:00 p.m.** and the place of the opening is HOD's Room of the Department of Physics, Indian Institute of Engineering Science and Technology, Shibpur, Howrah-711 103.

The quoted price should be inclusive of all Taxes, duties and levies. Inclusion of Tax/Levy at a later stage will not be accepted.

1. All bids will be submitted in TWO-BID Format in separate sealed covers (Enquiry Number must be mentioned in both covers).
  - (i) **PART I: TECHNO-COMMERCIAL BID** - giving Detailed Specifications, International Standards (BIS/INTERNATIONAL), Catalogues, List of users & Technical Details / Operating Parameters, Pre-Installation Requirements, payment terms, warranty, etc.
  - (ii) **PART II: PRICE BID** - giving full Prices in Indian Rupees and/or in Foreign currency for
    - (a) Main Equipment: **Bidders should provide prices of all major parts of the each item separately.**
    - (b) Essential Accessories & Spares

2. All Vendors / Agents must submit full details and requirements for Installation & Commissioning of the Equipment as per Technical Specifications submitted by them.
  - (i) Civil Works including Foundation, Flooring.
  - (ii) Mechanical and Fabrication work required.
  - (iii) Ambient Temperature Control (if required, as applicable).
  - (iv) Cooling requirement (if any).
  - (v) Electrical and Power requirements.
  - (vi) Space and Dimensions for Installation of the equipment as per the Quotation of the Vendor.
  - (vii) Any special requirements for installation of the equipment at the designated place.
3. Equipments & Accessories supplied should be as per specification and finally approved by any authorized Officer of the IEST, Shibpur, Howrah.
4. The manufacturer selected shall provide Training in operation and application of the equipment for the R&D work to user Scientists at IEST Shibpur if required.
5. Installation & Commissioning will be the sole responsibility of the Supplier/Indian Agent.
6. The price quoted should be inclusive of all Taxes, duties and levies. Inclusion of Tax/Levy at a later stage will not be accepted. Freight, Insurance charges should be clearly indicated. For imported equipment, Letter of Credit may be opened against proforma invoice received from the Principal Vendor. In case of imported equipment the local agents are to quote the price in foreign currency.
7. The equipments and Accessories are to be supplied at a place within IEST Shibpur premises between 11.00 a.m. and 4.00 p.m. The bidder will be responsible for any breakage, damage or defect in the equipment detected subsequently. The supply and installation of the equipment should be completed within a period not exceeding 2 months from the placement of the formal purchase order or opening of the LC, failing which appropriate action will be taken as per Institute rules.
8. If the supply is not completed within the stipulated period as indicated in the Work Order, a Liquidated Damage @ ½ per cent per week will be imposed subject to maximum of 5% of the value of work order.
9. (a) For Indian purchase (*This clause is applicable only for Indian purchase and not applicable for foreign purchase*):

Bills in triplicate should be presented for payment within 15 days of Supply/Completion of work. No Advance Payment can be made. All bills are to be accompanied by Order copies and Challan Receipt. The Order Number is to be noted on both the Challan and the Bill. **Or**

(b) For Foreign purchase (This clause is applicable only for foreign purchase and not applicable for Indian purchase):

Payment will be made through Letter of Credit/Bank Transfer. AWB, Packing list, Warranty certificate, etc should be provided.

10. **Earnest Money Deposit**

- a) Earnest money deposition @ 1% of the quoted price in the form of Demand Draft / Pay Order drawn in favour of the “**Registrar, IEST, Shibpur**” and payable at **Kolkata** shall have to be paid together with the Price Quotation, failing which, unless otherwise exempted by any rule, shall not be entertained.
- b) Tender has to be kept valid for acceptance for a period of 6 months without any modifications in its terms and conditions. Failure to comply with the same, the authority may forfeit the Earnest Money Deposit.
- c) Earnest Money Deposit of the successful bidders will be converted to Security Deposit.
- d) Earnest Money Deposit / Security Deposit will be refunded after successful completion of supply or after expiry of Guarantee period. No interest is payable on Earnest Money Deposit / Security Deposit.
- e) For release of Draft of the Earnest Money Deposit , the bidders should contract at the office in person

11. **Documents to be submitted with the tender:**

- a) Tender Documents/Terms & Conditions in Original duly signed by the Proprietor/ Partner/Director of the Company as a token of acceptance of Terms & Conditions of Tender.
- b) Registration no. of Income Tax, Sales Tax /VAT, Professional Tax and copy of Valid Trade License. (This clause is applicable only for Indian purchase and not applicable for foreign purchase)
- c) Demand Draft/ Pay Order for Earnest Money Deposit.

12. **Customs Duty & Excise Duty**

- The Institute will not issue any C or D form availing of concessional Sales Tax/ VAT.
- The Institute will issue Customs Duty Exemption Certificate or Excise Duty Exemption Certificate for foreign purchase, if required.

13. **Warranty:**

- Warranty/guarantee for all the item of equipment/furniture supplied shall be on ‘all comprehensive’ basis (i.e., including repairs, replacements, maintenance, etc.).

- The minimum applicable period of all comprehensive warranty for all items of **equipment and furniture** shall be at least 12 (**twelve**) **months** from the date of acceptance by the Institute.
14. **Only those bidders will be considered for procurement who will bid/supply all the parts and accessories of a particular item; and parts and accessories of particular items should be compatible with each other. Otherwise the bid will be rejected.**
  15. **The setups /equipment may be procured in a phase- wise manner depending on the availability of the fund.**
  16. **Indian Institute of Engineering Science and Technology, Shibpur, Howrah reserves the right to accept / reject all or any of the tenders without assigning any reason whatsoever.**

We accept the above terms and conditions.

Dated:

Signature of Bidders/Suppliers

With date & Seal

# Department of Physics

## SPECIFICATIONS FOR TENDER

**Name of Equipment:** Computer Controlled Autoclave with accessories & software

**Specification:**

Variable Volume: 50 ml to 250 ml

Maximum Temperature: 300°C

Maximum Pressure: 20 kg/cm<sup>2</sup>

**Inertness to the following chemicals:**

Tetra ethyl orthosilicate (TEOS), Boron Trioxide, Titanium iso-propoxide, Acetic acid glacial, Silicate, Acidic (HCl, HNO<sub>3</sub>), Poly Ethylene glycol, Ethanol, methanol, acetone, n-heptane, piperidine, N,N-dimethylformamide (DMF), Urea, Rare-earth chlorides, Rare-earth oxides, Rare-earth Nitrate, Sodium hydroxide, Potassium hydroxide, Distilled water, (NH<sub>4</sub>)<sub>2</sub>HPO<sub>4</sub>, H<sub>2</sub>O<sub>2</sub>, NaH<sub>2</sub>PO<sub>4</sub>.

**Accessories:**

Temperature Control System (computer integrated)

Data Acquisition System

Software (Lab VIEW based)

Constant Voltage Source: 0 ~ 24 V DC

Constant Current Source: 0 ~ 1A DC