

**Office of the Dean Research and Development  
Indian Institute of Engineering Science & Technology (IEST), Shibpur,  
Howrah-711 103**

**Project Code: DRC/NMPB-MoA/CHST/CDM/028/16-17**

**Centre for Healthcare Science and Technology  
Indian Institute of Engineering Science & Technology  
P.O.: Botanic Garden, Dist: Howrah, West Bengal, India- 711103**

**Notice Inviting Quotations**

Complete sealed quotations are invited for the supply of items listed below as per specification mentioned. The quotation should include the delivery charges of the items to Indian Institute of Engineering Science & Technology, Shibpur, and should mention a firm delivery period. Preferences will be given to the suppliers who can supply ex-stock & can supply all the items mentioned below.

The relevant bidding document can be downloaded from the website.

Last date of submission of sealed quotation is **21 days from the date of publication and tender will be opened on the next working day at 12 noon.**

**ITEMS**

Probe sonicator

**Dean (R & D)**

**(A. Code DRC-T063/17-18)**

*This is downloadable*

**INDIAN INSTITUTE OF ENGINEERING SCIENCE & TECHNOLOGY  
PO: BOTANIC GARDEN, DIST: HOWRAH, WEST BENGAL, INDIA-  
711103**



## **BIDDING DOCUMENT**

**(Project Code: DRC/NMPB-MoA/CHST/CDM/028/16-17)**

*For Supply of*

### **ITEMS**

1. Probe Sonicator

**Under**

**NMPB-MoA funded Project  
Govt. of India (New Delhi)**

**Centre for Healthcare Science and Technology**

**September 20th, 2017**

**SECTION I: TERMS & CONDITIONS AND IMPORTANT INSTRUCTIONS**  
**FOR BIDDERS**

1. Bidders are invited to submit sealed quotation as per the technical specifications for tendered items addressed to Dr. Chitragada Das Mukhopadhyay, Centre for Healthcare Science and Technology, within 21 days of publication in the web site.
2. Quotations received after the last date will not be entertained under any circumstances.
3. Date and time of opening of bid is **next working day followed by last date at 12.00 noon** and the place of opening of bid is Seminar Room of the Centre for Healthcare Science and Technology, Shibpur, Howrah-711103.
4. Bidders are to submit the quotations in Sealed Cover in the following address:

**Centre for Healthcare Science and Technology,  
IEST, Shibpur  
PO Botanic Garden  
Howrah-711103, India**

5. All bids should be submitted in ONE-BID (TECHNO-COMMERCIAL BID) Format in covers (Enquiry Number must be mentioned on cover).

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. along with PRICE BID - giving full Prices in Indian Rupees (only) for

- (a) Tendered item.
  - (b) Essential Accessories & Spares.
6. The price quoted should be inclusive of all Taxes, duties and levies. Inclusion of Tax/Levy at a latter stage will not be accepted. Freight, Insurance charges should be clearly indicated.
  7. The materials are to be supplied at CHST, IEST, Shibpur premises between 11.00 a.m. and 4.00 p.m. on working day. The tenderer will be responsible for any breakage, damage or defect in the items detected subsequently. The installation should be completed within a period not exceeding 3 months from the placement of the formal work order or opening of the LC failing which appropriate action will be taken as per rules.
  8. 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.

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

- 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.
- Proprietary certificate if any.

**11. Customs Duty & Excise Duty**

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

**12. IEST, Shibpur reserves the right to accept or reject any or all tenders at its sole discretion without assigning any reason thereof and its decision in this regard shall be final.**

We accept the above terms and conditions.

Signature of Bidders/Suppliers With date & Seal

## **SECTION II: TECHNICAL SPECIFICATIONS**

### **PROBE TYPE ULTRASONICATOR**

Purpose: Isolation of protein from cells and tissue samples by cell disruption and lysis, isolation of DNA and RNA, emulsifying, mixing, homogenizing, de-agglomeration of nanomaterials, dispersing powders into liquids etc.

1. Ultrasonic processor, preferably for operation suitable for volume up to 200 ml.
2. Power: 250 Watts, Frequency : 20 kHz.
3. Automatic frequency & adjustable pulse tuning system.
4. Variable amplitude, sonication should be carried out in pulsed mode or continuous mode.
5. Must be supplied with sound proof box case and mounting Tools.
6. Probe: Should be ideal for crushing samples in eppendorf or test tubes by using various replaceable probes having diameters, specifically probes for lowest sample volume should be quoted.
7. Price for accessory items may be clearly mentioned.
8. Preferably should have suitable display on LCD monitor and key to set parameters for sonication.

**FOR destination price should be mentioned including all handling charges.**