

**Department of Chemistry**  
**Indian institute of Engineering Science and Technology (IEST), Shibpur**  
**Howrah-711 103**

**Project Code: DRC/DST/CHEM/MKB/020/14-15**

**Notice Inviting Quotations**

Sealed quotations are invited for the supply of **Branson, USA** make ultrasonic bath as per the following technical specification. The relevant bidding document can be downloaded from the website. The document can be also obtained from the Department of Chemistry (contact: Dr. Mrinal K. Bera) between 10.30 a.m. and 3.00 p.m. on all working days **from 29<sup>th</sup> February, 2016 to 4<sup>th</sup> March, 2016**. Last date of submission of sealed quotation is **six working days from the date of advertisement by 3.00 p.m.**

**Dean (R & D)**

(A. Code DRC-T108/15-16)

*This is downloadable*

**Indian Institute of Engineering Science and Technology (IEST),  
SHIBPUR**



**BIDDING DOCUMENT**

**(Project Code: DRC/DST/CHEM/MKB/020/14-15)**

*For Supply of*

**Ultrasonic Bath**

**Under**

DST-SERB Project Scheme  
Govt. of India (New Delhi)

**Department of Chemistry**

**February 29, 2016**

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

1. Bidders are to invited to submit sealed quotation as per the technical specifications for tendered item to Dr. Mrinal K. Bera, UGC-Assistant Professor, Department of Chemistry, **within six working days from the date of advertisement** between **10.00 a.m. to 3.00 p.m.** except Saturday, Sunday and other public holidays.
2. The last date of receipt of tenders is **six working days from the date of advertisement by 3.00 p.m.** The quotations received later will not be entertained under any circumstances.
3. Date and time of opening of bid is **Last date of submission at 4.00 p.m.** and the place of opening of bid is office Room of the Department of Chemistry, Indian Institute of Engineering Science and Technology (IEST), Shibpur, Howrah-711103.
4. Bidders are to submit the quotations in Sealed Cover to the Department of Chemistry in the following address:

**Dr. Mrinal K. Bera  
UGC-Assistant Professor  
Department of Chemistry  
IEST, Shibpur  
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 a place within IEST premises between 11.00 a.m. and 4.00 p.m. The supplier/vendor 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 3 months from the placement of the formal work order or opening of the LC failing which appropriate action will be taken as per university 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. 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.

**11. Customs Duty & Excise Duty**

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

**12. Indian Institute of Engineering Science and Technology (IEST), 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

## **SECTION II: TECHNICAL SPECIFICATIONS**

1. **Ultrasonic Bath:** Ultrasonic bath with chemical resistant type plastic body with below mentioned technical specification  
Display: LCD display for multi-parameters.  
Volume: 2.5 -3.0 litre  
Inner bath dimension: 24 cm x 15 cm x 10 cm.  
Frequency: 40 KHz  
Temperature: Up to 70 oC (water medium) with high temperature safety alarm  
Timer: Up to 99 min.  
In built DEGAS mode of operation: Up to 99 min.  
In built programmer: To start sonification/degas after desired temperature is achieved with option of selecting time for both degas and ultrasonic processing  
Power supply: 230 V AC/50 Hz  
Lid and Mesh basket: Unit must be provided with lid and Mesh basket  
Weight: Approx. 4 kg