

Dated : 19-01--2017

Project Reference: - Short Rate Enquiry No. **1/SRE/ UD/Biophy/16-17**

Subject:- Short Rate Enquiry for purchasing **Ultrasonic water bath for degassing**

Dear M/s

A short rate enquiry is hereby floated/invited for purchasing **Ultrasonic water bath for degassing** required by Department of Biophysics

Technical Specification for **Ultrasonic water bath for degassing**

Date/Time of Closure **9.02.2017 3.00pm**

Date/Time of Opening **10.02.2017 3.00pm**

Ultrasonic water bath for degassing (Approx 2 lakhs)

	Structure design and refrigeration system
1.	Working capacity minimum 4 litres to maximum 5 litres.
2.	External dimensions (hxdxw) in range 30 x 25 x 36 cm to 32 x 27 x 36 cm and internal dimensions should be (hxdxw) 26x23x34 cm to 28x25x36 cm.
3.	It should have LEAP technology for homogeneous ultrasonic waves throughout the tank for degassing, temperature.
4.	Degasser is used for buffer degassing and lipid preparation not for medical use.
5.	Internal water tank bath should be made of stainless steel
6.	Should have ergonomic lid to reduce noises and aerosol escape.
7.	Stainless steel basket with handle should be provided to avoid the contact of container to the base of the tank.
8.	Should have ultrasonic power in range 100 to 200 W and minimum 17 W /litre to 22 W/litre operating power.
9.	Should have operating frequency in range 30 to 40 KHz.
10.	The degasser should have in-built circuit to adjust for light or heavy loads and have the ability to deliver the same ultrasonic power even when load conditions change.
11.	Maximum heating capacity should be 4 degree to 70 degree Celsius.
12.	Heating power should be in range of 150 to 200 W power.
13.	Fast operating options degass, heat temperature, power should be present.
14.	System should have digital control or dial controller for operating.
15.	It should have drain outlet for cleaning.
	It should be fast efficient easy cleaning.
16.	Ultrasonic cleaning solution should be provided (2 x 1 L bottles)
17.	Operating in 220 to 230 V.
18.	The degasser should be certified with atleast by one of this agency: CE/IVD certified or European Union EMC & Safety Compliance Declaration or FCC - North American EMI Verification or UL - North American Product Safety Certification or Demko or VDE - European Union Product Safety Certification. Copy should be provided along with the Quotation.
19.	Five years comprehensive warranty should be provided.

Terms & Conditions

1. The quotations should be addressed to Professor & Head, Department of Biophysics, AIIMS, Ansari Nagar, New Delhi – 110029 and sent by post/courier **by February 9, 2017 upto 3 p.m.** Quotations should be sealed in an envelope and the reference no and item must clearly be written on top of the envelop. (i.e. quotation for the Graphic Workstation).
2. The firm must be registered and having TIN NO./Registration No. (Please mentioned TIN/registration NO. on the bid) or else the quotation will be treated as cancelled.
3. Quotation should only be submitted by authorized dealers/distributors. Authorization certificate must be included with the submission of Quotation. Failure of submission of authorization certificate will render the firm ineligible. Hence the quote of such firm will not be considered.
4. Vendors should provide the product certification by one of this agency: CE/IVD certified or European Union EMC & Safety Compliance Declaration or FCC - North American EMI Verification or UL - North American Product Safety Certification or Demko or VDE - European Union Product Safety Certification.
4. The make and model of the article offered should invariably be quoted. Quotation should be typed/ written in ink overwriting or erased entries should not be there in the quotation. **The rates should be valid for at least three months.**
5. Vat /Sale tax or any other kind of (tax(s) must be mentioned separately. In case no sales tax in chargeable prices must be quoted as net price.
6. **Warranty /Guarantee:** - 5 year comprehensive warranty on site .
7. **Demonstrations:** - If it is required to demonstrate the quoted Model, the firm should get ready for demonstrations the product within one week. There will be and no request entertained for extending time for demonstrations. Failure to demonstrate their offer if requested, will be summarily rejected.
8. **Payment** will be made as per institute rules through electronically viz RTGS/NEFT after delivery, satisfactory installation of the item. The following information should be also mentioned in the invoice:
 1. Name of the beneficiary:
 2. Account No. the beneficiary:
 3. IFCS code of the bank/branch:
9. The Professor & Head of the Department reserves the right to cancel/reject full or any part of the rate enquiry which generally do not fulfill the conditions stipulated in the rate enquiry.
10. The submitted **Quotations will be opened on February 10, 2017 at 3p.m.** in Room No. 15, Department of Biophysics Ground floor , AIIMS , Ansari Nagar, New Delhi – 110029

Dr. Punit Kaur