

**DEPARTMENT OF BIOTECHNOLOGY
ALL INDIA INSTITUTE OF MEDICAL SCIENCE
ANSARI NAGAR, NEW DELHI-110029**

JST/
Rate Enquiry No. 01/ Biotech./Sonicator/17-18

Terms & Condition:

1. The quotation should be submitted to 'Professor & Head, Department of Biotechnology, Room No. 103, 1st Floor, AIIMS, New Delhi-110029' and send by post/per bearer **by_16-06-2017_ at 12:00 p.m.** Quotations should be sealed in an envelope and the "Name of the item" clearly written of top of the envelop. The submitted quotations will be opened on **_16-06-2017_ at 03:00 pm_** in the Seminar Room Second Floor Biotechnology Department AIIMS New Delhi- 110029.
2. The make of the article offered should invariably be quoted. Quotation should be typed written in ink. All overwriting and erased entries will be deleted from the quotation. The rates should be valid for at least SIX MONTHS. Should be submitted relevant literature/original catalogue of quoted model of equipment.
3. VAT/Sales tax or any other kind of tax(s) must be separately mentioned against each item. \in case no sales tax is chargeable, prices must be quoted as NET PRICE.
4. **Warranty/Guarantee:** Five years, the bidders must submit their quote (Rates) for CAMC for the next subsequent three years from 6th to 10th year including all spare and labor.
5. **Installation:** The firm install the equipment on the site, free of cost.
6. The firm should be able to give demonstration of the item if required within 5 days of requisition.
7. Authority letter from manufactures/principal for supplying item.
8. Price reasonable certificate.
9. An undertaking that the firm has been blacklisted in the past by any Institution Government/ Private.
10. The successful bidder firm has to be deposit a 10% Performances Bank Guarantee of total value of item, in favour of 'Director, AIIMS, Delhi' in form of Account Pay DD/FDR/Bank Guarantee should be valid for two additional moths on warranty periods, before releasing the payment.
11. Information for electronic payment viz RTGS/NEFT-Name of the beneficiary, Account number of the beneficiary, IFCS code of the bank/branch.

31/5/17

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12. The Professor & Head the Department reserves the right to cancel/ reject full of any part of rate enquiry which generally do not fulfil the conditions stipulated in the rate enquiry.
13. No extra transportation charge will be given to the firm.
14. Earnest Money Deposite (EMD) of Rs. 10,000/- in favour of Director , AIIMS Delhi in the form of Accounts Payee Demand Draft, Fixed Deposit Receipt, banker Cheque or Bank Guarantee in acceptable with Technical Bid. Submission of EMD is mandatory in acceptable form, failing which their bid will be summarily rejected and no correspondence will be entertained in future in this regards.

Handwritten signature: 31/5/17
(Dr. Jaya S. Tyagi)

Chairman, Deptt. Of Biotechnology

Stamp: Dr. Jaya Shrivastava Tyagi
Associate Professor / Prof. & Head
of Institute / Deptt. of Biotechnology
AIIMS, New Delhi

Handwritten signature: Sumit Rathore

(Dr. Sumit Rathore)

Asstt. Prof. (Contract) Dept. of Biotechnology

Handwritten signature: Kalpana Luthra

(Dr. Kalpana Luthra)

Prof. Deptt. of Biochemistry

Handwritten signature: Punit Kaur

(Dr. Punit Kaur)

Prof. & Head Deptt. of Biophysics

Handwritten signature: Medical Superintendent

Rep. of Medical Superintendent

Technical Specification for Sonicator

Quantity required: 01

Sonicator with Digital control to enable precise control and parameter measurement is required to generate adequate power (300-500 W) for producing eukaryotic and prokaryotic lysates, of yeast cells, and pathogenic mycobacterium, etc. With LCD display to monitor parameters. At a fundamental frequency of at least 20 kHz, including automatic amplitude control, auto-tune and additional features such as:

- Multiple mode operation (continuous, pulsed, manual, timed, temperature end-point)
 - Setup menus, Timer (up to at least 9 hrs)
 - Digital parameter settings with automatic range validation
 - Automatic end-of-cycle shutoff using limit parameters
 - Self diagnostics in start up
 - Programmed presets for convenience
- Sound proof box with transparent door for visual observation
- Decontamination of horns after use by suitable procedures (for e.g. autoclaving etc.)
- Complete set of wrenches for interchanging of horns, chambers etc.
- Unit to be supplied operational including power supply and converter.
- Standard and additional horn with Titanium alloy tips, for volumes ranging from <1 ml, 5-20ml, and 20-50ml.
- Height Adjustable stand for keeping sample inside sound proof box.
- Pulse mode for preventing heat build-up in temperature sensitive samples.
- Adjustable pulse on/off should be in the range of 1 second to 1 minute.
- System should have elapsed time indicator, displaying duration of sonication and real-time energy monitoring.
- Should provide appropriate Servo Stabilizer.
- The equipment should have all the fixtures, cables/accessories required to operate the equipment and use of all features.
- Should have quality certification.

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- Proven record of equivalent system operation at other sites should be provided along with 5 end users satisfactory reports.

Handwritten signature: Jaya S. Tyagi 31/5/17

(Dr. Jaya S. Tyagi)

Chairman, Deptt. of Biotechnology

Dr. Jaya Sivaswami Tyagi

अध्यक्ष एवं विभागाध्यक्ष/Prof. & Head

जीव प्रौद्योगिकी विभाग/Deptt. of Biotechnology

अ.भा.अ.सं., नई दिल्ली / A.I.I.I.S., New Delhi.

Handwritten signature: Sumit Rathore

(Dr. Sumit Rathore)

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Handwritten signature: Medical Superintendent

Rep. of Medical Superintendent