

**INDIAN INSTITUTE OF TECHNOLOGY - KANPUR
DEPARTMENT OF BIOLOGICAL SCIENCES & BIOENGINEERING**

Enquiry Number: IITK/BSBE/AKS/NC/2015-16/06, dated: 09-02-2016

SUB.: INQUIRY FOR SONICATOR

Opening date: February 09, 2016 at 10:00 AM

Closing date: February 23, 2016 at 05:00 PM

Sealed quotes (technical bid and price bid separately sealed) are invited for the above mentioned laboratory products as per the specifications given in the next page.

Your quote should mention/include the following:

- Maximum discount if any should be offered and mentioned.
- Quoted price should include the cost for installation, warranty and required accessories
- (See below).
- Validity of the quote at least for 90 days.
- FOB (indicating port of shipment) and CIF (New Delhi) values should be quoted separately if import is required. For quotes in INR, the price quote should be for delivery at Kanpur.
- The quote should cover insurance for transport up to Kanpur.
- Indian agency commission if applicable (should be certified by the principal if no agency commission is applicable) in case of import.
- Authorization certificate from the principal if you are a local agent.
- Terms and conditions for the payment, including the banker's name of the principal and the account number, if any, for electronic transfer.
- Include proprietary item certificate if applicable.
- Technical literature to support your product (in technical bid).
- Users' list with contact address in technical bid.

Note: Only principal manufacturers or authorized representatives are requested to send the quote along with proper certificates. The envelope should be marked as **"QUOTATION FOR SONICATOR"**.

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Item Name: SONICATOR [Quantity: 1]

Essential components and features:

- Temperature Monitoring, High Intensity, Ultra Sonic Liquid Processor for volumes ranging from 250uL to Liters.
- 700 watts and above, 20KHz, automatic tuning, energy monitor, digital wattmeter, temperature controller, microprocessor based, programmable, LCD screen with user prompts, real time alpha-numeric display, at least 10 program storage capability, at least 10 hour process timer, variable amplitude control, full function pulser – ON and OFF cycle independently controllable from 1 second to 10 seconds, overload protection circuit, remote actuation connector, quick disconnect converter cable with appropriate Tool Kit with Non-slip laboratory mat.
- The instrument should also include a VCX temperature probe, branded sound abating enclosure, support rod, heavy duty converter clamps, LABORATORY JACK and TWO Couplers for fixing Tips.
- It should also include folling TIPS:
 - i) TWO ½" (13 mm) threaded end replaceable tip for large sample volumes
 - ii) One 3 mm (1/8") stepped micro tip for medium volume
 - iii) One 2 mm (5/64") Stepped micro tip for small volume
 - iv) One 6 mm (1/4") Tapered Micro Tip for medium volume
 - v) One 5 mm (3/16") Tapered Micro Tip for medium volume

Warranty and accessories: Minimum two year warranty, appropriate voltage stabilizer/UPS for the equipment included in the quotation (without any additional charge).

Vendors submitted the quotations should have several installations in and around anpur and must have service center at Kanpur/Lucknow area.

Important: Please attach a summary table to highlight the compatibility of your set-up against specific features mentioned here. Absent this table, quotations will not be considered