



**INDIAN INSTITUTE OF TECHNOLOGY KANPUR**  
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**Enquiry Letter No. CE/EEM/2013/NC/UH/14**  
**Last Date: September 9, 2013**

**Date: August 29, 2013**

**Letter Requesting Quotation for Ultrasonic Homogenizer**

Quotation is sought for a *Ultrasonic Homogenizer* with minimum specifications given in the list below. The quotation has to be submitted in two separately sealed envelopes, one containing the technical specifications and marked as "Technical Quote" on the envelope and the other containing the price and marked as the "Price Quote" on the envelope. Please apply the discounts admissible to the educational institutes such as IIT Kanpur and also note that IIT Kanpur is exempted from paying duties for imported items.

Minimum Specification Required:

- Power Output: Controllable Variable Power Output in the range of 0-150 W, frequency 20 kHz
- Operation Modes: constant power mode, pulser power mode in the range of 10-90%, automatic tuning.
- Timer: 0-15 min
- Sample Volume Handling: 0.2 mL to 50mL. Appropriate probes for handling these volumes must be included.
- Probes: Should have solid tips made of titanium or similar non-reactive materials.

We have an existing Ultrasonic Homogenizer (Microson XL 2000). We are interested in the buy-back offer and appropriate buy back discount from all companies.

All quotations should be in the currency of the country of origin of the instrument and CIF, Delhi. The quotation should reach the address mentioned in this letterhead no later than **September 9, 2013**.

(Vinod Tare)