

INDIAN INSTITUTE OF TECHNOLOGY, DELHI
Department of Chemical Engineering

Date of Submission: 02-04-2012

Final Due Date: 11-04-2012

Reference No.: IITD/CHE/2012-13/SR/Sonicator

Department of Chemical Engineering wishes to purchase an ultra-sonicator (probe type) unit as per the specifications given below. Technical specifications and financial offer (in separate sealed envelopes, which must be placed inside another single sealed larger envelope with **IITD/CHE/2012-13/SR/Sonicator** superscribed on it) must reach the Department Office by **11.04.2012, 4:00 pm.**

The sealed envelope containing the sealed technical and financial bids (each in individual sealed envelopes) should be addressed to the undersigned.

Specifications and Desired Features:

- Ultra-sonicator to sonicate volume of **500 ml**. However, if alternate models allow to sonicate upto **2000 ml (2 litres)**, then that should be specified as alternate models (with appropriate costs in the financial bid).
- Sonication probe: please provide details like probe diameter and actual volume that it can sonicate.
- Mention the mode of sonication (pulsed or continuous) with working details in the technical bid.
- Indicate if sonication in continuous flow mode is possible with a flow cell, and also quote for that as an accessory.
- Other typical accessories like the sound protection box, stand, timer etc. should be mentioned.
- Please specify wattage and frequency of sonication (specify ranges if applicable).
- Please specify pulse and amplitude of sonication ((specify ranges if applicable).

Terms and Conditions:

- Quote should be CIF, New Delhi.
- Order must be delivered and installed within 4 weeks of receipt of order (alternatively, provide delivery schedule).
- Validity of quotation must be at least one month.
- Payment will be made on satisfactory installation and operation, within 15 days of successful installation and operation.
- Warranty conditions should be clearly specified.



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