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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