



NOTICE INVITING QUOTATION

TU/11-24/Pur/Qtn/2018-19/1481-A Dated: ...06.07.2018

Sealed quotations are invited from reputed manufacturers/authorized dealers/vendors for supply, installation & commissioning etc. of following items required for the CSIR sponsored research Project of Dr. S S. Bhattacharyya, Department of Environmental Science, Tezpur University. Quotation should be submitted in the DROP BOX placed in the reception of the Administrative Building of the University within **3.00 PM of 06.08.2018**. If posted/couriered, should reach within the specified time and date addressed to "The Assistant Registrar-GA, Tezpur University". The Quotation Notice No. and date should be clearly superscribed in the the envelope/packet containing the quotation. The Quotations received will be opened on the **06.08.2018 at 4.00 PM**. The quotationer(s) or their authorised representative(s) may be present while opening the quotations.

LIST OF EQUIPMENT(S) WITH SPECIFICATIONS

Sl. No.	Instrument	Specifications
1	Deep fridge with accessory	<p>Body construction</p> <ul style="list-style-type: none">a) Body design: Robust with horizontal stance. The body should not be rust-prone. The body paint must be powder-coated to resist scratches or corrosion.b) Insulation material: Polyurethane foam, preferable thickness 60-70 mm.c) Lid: The unit must have top lid. The lid must be 'hard-top.' The lid hinges must be heavy-duty made of stain-less steel. Preferably with locking mechanism.d) Interior: The cabinet must be of anodized material (steel/aluminum). The cabinet must have 1-3 baskets with good storage space.e) Casters: The casters should be robust for easy movement of the unit. They must come with locking mechanism. <p>Capacity and dimensions</p> <ul style="list-style-type: none">f) External Dimensions (wxdxh): 1000 x 660 x 770 mmg) Net weight: 40-50 kgh) Capacity: 300 Li) Compartments/Baskets: 1-3j) Operating Electrical range: 230V, 50 Hz <p>Temperature control and cooling system</p> <ul style="list-style-type: none">k) Freezing temperature: -18°C to -20°Cl) Compressors: The compressors must be heavy duty with lower-noise. The refrigerants must be CFC/HCFC free (preferably R134A)m) Circulation: The air-flow must be sound and wide-spread for easy cooling of the cabinet.n) Control: The unit must control switches for easy operation.o) Three Years comprehensive warrantyp) After Sale, Service should be available promptly.



तेजपुर विश्वविद्यालय / TEZPUR UNIVERSITY
(संसद के अधिनियम द्वारा स्थापित केंद्रीय विश्वविद्यालय)
(A Central University established by an Act of Parliament)
कुल सचिव का कार्यालय/ OFFICE OF THE REGISTRAR
नपाम :: तेजपुर - 784028 :: असम
NAPAAM :: TEZPUR - 784028 :: ASSAM

		<p>Hot Air Oven (as accessory)</p> <ol style="list-style-type: none">1. Should be operated on 230V, 50Hz single phase AC supply and having temperature ranging between 50-200°C2. Should be made of double walled chamber -Inner made of stainless steel SS 304 grade and powder coated outer surface.3. Should provide with three heating elements on three sides of the equipment for uniform temperature on all shelves.4. Should be provided with air circulating fan.5. Should provide with a variable microprocessor based digital temperature controller with digital display and thermometer should be provided separate.6. Should have a minimum chamber size of (L*B*H) 450*450*450 with 2 stainless steel trays with holes.7. Should provide with air ventilations.
2	Ultra sonicator	<p>Build</p> <ol style="list-style-type: none">a) System with microprocessor-based controlb) Automatic tuning and frequency controlc) Option to set the time and amplituded) Should capable of simultaneous monitoring and controlling of both the temperature of the sample and the amount of energy that is being deliverede) Pulse mode with full function ON and OFF cycle. Continuous mode up to 30 minutes or preferably more.f) With sound abating enclosure and jack standg) Power rating: 700-750 watt, Frequency: Up to 40 kHz or moreh) Processing Capacity: up to 500/1000 mli) Digital amplitude / Intensity control: Output amplitude can be set from 10 to 100%j) Display: Energy monitor, Watt meter, Amplitude, Time indicator, Pulser and Temperature.k) Probes: suitable for Processing Volume 150 µl to 5 ml and 10 ml to 250 mll) Set of standard tool kits to be provided with Ultrasonic Processorm) Sample preparing device 50-500 ml (inclusive)n) Aerosol barrier probeo) Two Years comprehensive warrantyp) After Sale, Service should be available promptly.q) Additional features/accessories if any that can potentially increase the productivity and safety of the instrument should be quoted as optional items.

GENERAL TERMS & CONDITIONS:

1. No separate tender paper will be issued from the office; one should only download the specifications/List from the website.
2. The rates should be preferably quoted in Indian Rupee and FOR Tezpur University, Napaam basis. Charges for clearing and transportation should be incurred by the supplier.
3. Quotations should be accompanied by i) An EMD (in the form of Demand Draft/Call Deposit/TDR) of ₹. 3000/- (Rupees Three Thousand) only drawn/pledged in favor of Registrar, Tezpur University, payable at Tezpur. **No request for consideration of earlier deposited EMD will be considered.** ii) A non-refundable application (quotation) fee of ₹.1000.00 (Rupees One Thousand) only must be paid only by Demand Draft drawn in favour of Registrar, Tezpur University payable at Tezpur.

