



ASSAM UNIVERSITY, SILCHAR

NOTICE INVITING TENDERS

Assam University, Silchar, a Central University invites SEALED BIDS from reputed manufacturers/authorized distributors/ authorized firms with sound technical capabilities for supply, installation and commissioning of the following items to be procured under Project entitled “Rhizosphere Microbiome for Improving Symbiotic Nitrogen Fixation and yield of lentil in North Eastern States of India” (PI- Prof. Piyush Pandey) DBT Major Research Scheme in the Department of Microbiology, Assam University, Silchar.

Sl.no	Instruments	Description and specification of the item	Quantity required	Last date of submission of sealed tender
1	Ultra Sonicator system	1) Ultrasonic processor, for hand-held or stand operation suitable for volume up to 250 ml. 2) Output: around 50 Watts, Frequency : 30 kHz or more Should be with automatic frequency scanning system. 3) Should be adjustable amplitude 20% or lower to 100% and pulse adjustable 0-100% 4) Dry running protection must be present. Should be completed with storage box and Tools sets. 5) Sonotrodes should be made of Titanium and solid type that is without replaceable tip. 6) Two sonotrodes for samples 2ml to 50 ml and 0.1 ml to 5ml. Cost of the sonotrodes should be mentioned separately. Timer from 0 to 99 mins 59 secs.	One	Given below

		7) Option for PC control for all parameter, Aquasticen closer with vertically adjustable table should be quoted as optional.		
2	Incubatory Shaker	<p>1) Body should be thick stainless steel sheet (SS 304 grade)</p> <p>2) Top lid should be made up of transparent see through plexi glass.</p> <p>3) A variable speed rotary shaker platform should be fitted with IMPORTED DC DRIVEN MOTOR for Continuous operation units should also fitted with MICROPROCESSOR DIGITAL RPM/SPEED INDICATOR</p> <p>4) The shaking platform should accommodate 16 flasks of 250/500 ml or 25 flasks of 100 ml or 36 flasks of 50 ml must be provided at the base of incubator so as to shake Erlenmeyer flasks.</p> <p>5) The variable speed motor should be fitted outside of the inner chamber, at the base.</p> <p>6) Complete unit should be mounted on a sturdy angle iron frame.</p> <p>7) Temperature should be controlled by microprocessor based PID digital temperature indicator cum- controller from ambient to 70°C ±0.5°C.</p> <p>8) The unit should be fitted with air circulation fan for temperature uniformity. Should work on 220/230 volts A C supply. Platform size:450 x 450 mm Cap:200 liter For 12 flask of 250 ml Should also include Spare set of Lotus Clamps of 50ml, 100ml, 250ml, 500ml.</p>	One	Given below

Closing date and time for submission of tenders: 06-Feb-2017, 11: 00 am

Date and time for opening of tenders: 06-Feb-2017, 02:00 pm

Venue for opening of tenders: Department of Microbiology, Assam University, Silchar

Terms and conditions

1. The tenders complete in all respects should be addressed to Prof. Piyush Pandey, PI, DBT, Major Research Project, Department of Microbiology, Assam University, Silchar-788011, Assam.
2. The tenders for equipments must submit the bid(s) in two bid-system (Technical and Financial) packed in separate envelopes with clear mention of same.
3. Tenders by e-mail, Fax, Telex, Telegram will not be accepted. Tenders must be submitted in sealed envelope only clearly indicating "TENDER FOR ITEMS FOR DBT-Major Research Project/Microbiology-2017/PP".
4. In case of any modifications in specifications/terms and conditions/ any clarification to the bid document, it will be hosted in the university website only and the bidders are requested to log to our website from time to time and no separate corrigendum will be issued in this regard.
5. The rate should be exclusive of taxes and **applicable tax** should be **clearly** indicated.
6. The rates should be quoted along with supporting documents of specifications, technical features, list of users and authorized dealership documents (if applicable). A valid and updated original equipment manufacturer (OEM) authorization form to be submitted to the tendering authority, if authorized distributors/suppliers/firms are participating.
7. Details of availability of after sale support will have to be furnished.
8. The University is exempted from paying customers and excise duty.
9. Propriety items should be quoted with sole manufacturer/ Dealership certificate. Without dealership or manufacturer's certificate no bids will be accepted.
10. No advance payment will be made.
11. Items of foreign origin should have insurance up to installation site.
12. If any item/equipment delivered in damaged condition, the equipment should be replaced with new one immediately.
13. In case of equipment of foreign origin, the Indian agent should submit one undertaking in nonjudicial stamp paper, stating that if any equipment delivered in damaged conditions they will be liable to replace the same with a new one (applicable only when order is placed).
14. The University reserves the right to accept or reject any or all the bids without assigning any reason whatsoever.

Date: 14. Jan. 2017

Sd/-
Prof. Piyush Pandey (PI)
Department of Microbiology
Assam University, Silchar-788011, INDIA
(contact: ppmicroaus@gmail.com)

Copy to:

1. Copy to secretary to VC , AUS for VC's kind information.
2. The Head, Department of Microbiology, AUS
3. The Registrar, AUS
4. The Finance Officer, AUS
5. Convener, Sponsored Research Project Cell, AUS
7. File for record