



Department of Ecology and Environmental Science
ASSAM UNIVERSITY, SILCHAR
(A Central University constituted under the Act of Parliament of India in 1994)
Tel: +91-9435740809 Fax: +91-3842-270806
www.aus.ac.in

INVITATION FOR TENDER
Ref. no. AUS/ECOL/JR/DBT-Twinning/2017-18

Assam University, Silchar, a central university invites sealed Tender from reputed manufacturers authorized distributors / authorized firms with sound technical capabilities for supply, installation and commissioning of the following items to be procured under a DBT funded project, in the Department of Ecology and Environmental Science, Assam University, Silchar. Detailed technical specifications for make/model/accessories and price including taxes should be quoted against each item separately. All terms and conditions will be as per Assam University, Silchar rules, regulations and decisions.

Serial No.	Name of the equipment	Minimum specifications
1	Photo Bioreactor 400 ml	<ul style="list-style-type: none">• Cultivation Vessel<ul style="list-style-type: none">- Flat Panel configuration.-Vessel volume scalable upto 400 ml and autoclavable.-Air pump with bubble interruption valve for air-aided mixing.-pH and temperature measurement with temperature control.-Programmable light, temperature, gas and medium regime. Time spent from milliseconds to hours.-Both static and chargeable temperature in the range of 15 -55 °C• Lighting<ul style="list-style-type: none">-White-Red, Blue-Red, white standard panel with maximum intensity of 1500 μ mol (photon)/m².s-Illumination software controlled and enabling both static and fluctuation light regime. Timing enabling day/ night cycles.• Monitoring<ul style="list-style-type: none">- pH and temperature measurement with probe / module with continuous temperature control-Integrated Double Modulation Fluorometer with online measurement and recording of basic fluorescence parameters – Ft, Fm, QY-Integrated online optical density measurement –

		<p>measured at 560, 680, 750 nm.</p> <ul style="list-style-type: none"> • Chemostat module. • Control unit software. • Spare parts kit to be included. • CO₂ electrode (probe included with the electronic module, sensor probe and cables).
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TERMS and CONDITIONS:

1. The tenders complete in all respects should be addressed to Prof. Jayashree Rout, Principal Investigator, Department of Ecology and Environmental Science, Assam University, Silchar-788011, India.

2. The tenders for equipments must be submitted in two-bid system (Technical and Financial).

The tenders shall be submitted item-wise in two separate sealed covers clearly mentioning on the envelope the details of items for which bid is submitted. ONLY TECHNICALLY accepted competitive bids will be considered for placing Purchase Order.

Last date and time for receipt of Tenders: One month from the date of call for invitation of tenders till 1.00 pm.

Date of opening Tenders: 2pm on the last date of receipt of tender at Department of Ecology & Environmental Science

3. The technical bids should include all the specification for each part complete with part numbers of main equipments and accessories. The technical details should be supported by original brochure/documents for each component.

4. Tenders by e-mail, Fax, Telex, Telegram will not be accepted. Tenders must be submitted in sealed envelope only clearly indicating “TENDER REF. NO. - “AUS/ECOL/JR/DBT-Twinning/2017-18” addressed to the undersigned. The University shall not be responsible for any delay in receiving tenders.

5. In case of any modification 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 in to our website from time to time and no separate corrigendum will be issued in this regard.

6. The rate should be exclusive of taxes and applicable tax should be clearly indicated. The rates should be quoted along with supporting documents of specifications, technical features, list of users and authorized dealership documents (if applicable).
7. A certificate from vendors mentioning the place of manufacturing of the components of the equipment along with a certificate that the equipment supplied is new without any defect must be supplied to qualify for Technical bid.
8. AFTER SALES SERVICE: Details of availability of after sales support will have to be furnished. The offer shall clearly state full details of the service after sales facility available for the equipment. The details shall include & qualification of service personal stationed at the service centre, response time in case emergency, availability of spares, etc. The offer shall also give the amount and other terms & conditions for annual service contract of the equipments after the expiry of the guarantee/warranty period.
9. The university is exempted from paying Customs and Excise duty.
10. Proprietary items should be quoted with sole Manufacturer / Dealership certificate. Without dealership or manufacturer's certificate no bids will be accepted.
11. No advance payment will be made. However, if items are of foreign origin, advance payment can only be made in the form of vide LOC. Performance Bank Guarantee must be submitted as per rules covering warranty period.
12. If any item / equipment delivered in damaged condition, the equipment should be replaced with new one immediately.
13. Items of foreign origin should have insurance up to installation site. In case of equipment of foreign origin, the Indian dealer/agent should submit one undertaking on non-judicial stamp paper, stating that if any equipment delivered in damaged condition they will be liable to replace the same with a new one (applicable only when order is placed).
14. The invitation for bid is open to all OEM (original equipment manufacturer) or their authorized dealers. The principal company may authorize their dealer to participate in the quotation and authorization letter must be attached with the quotation document.
15. Copies of valid Central/State sales tax registration certificate, Income tax clearance certificate, proof of manufacturing unit/dealership & general order suppliers and copies of two major supply orders executed during the preceding two years for Govt. depts. /PSUs and Central Autonomous bodies have to be submitted.

16. The equipment will have to be installed by the supplier /Agent in the Department of Ecology and Environmental Science within 5 weeks from the receipt of equipment, free of charges.

17. Price quoted for the material/equipment shall be firm and valid for 60 days from the date of opening.

18. The suppliers must be GST registered & details of registration be mentioned in the tender submitted.

19. All applicable taxes will be deducted as per GOI rules.

20. Tenders not conforming to the terms and conditions and procedure so outlined or Tender incomplete in any respect is liable to be summarily rejected. The university reserves the right to accept or reject any or all the bids without assigning any reason whatsoever.

21. Special discount/rebate: Special discount/rebate admissible to Educational Institution/Central University may be specifically indicated in the quotation.

22. If there be any dispute, it will be referred to an arbitrator to be appointed by the University for his decision and award. The award or decision of the arbitrator shall be final and binding on both parties.

Those bidders, who accept the above terms and conditions, may submit their tenders in the prescribed format alongwith all relevant documents/brochures to the undersigned. The tender must also submit a certificate in their official letter head duly signed and sealed stating that all above terms and conditions are acceptable to them.

Sd/- Prof. Jayashree Rout

Principal Investigator, DBT-Twinning project
Department of Ecology and Environmental Science,
Assam University, Silchar-788011, India.

Copy to:

1. Copy to Secretary to VC, AUS for VC's kind information
2. The Registrar, AUS
3. The Finance Officer, AUS
- 4 Director, Computer Centre, AUS for uploading in the university website (www.aus.ac.in)
5. File for record

PROFORMA FOR SUBMISSION OF TECHNICAL BID (TB)

From

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To,

Prof. Jayashree Rout
 Principal Investigator, DBT-Twinning project
 Department of Ecology and Environmental Science,
 Assam University, Silchar-788011, India.

With reference to your advertisement dated _____ and posted at Assam University Website, I / We hereby submit the Technical bid for the _____ required by you. I / We confirm that I / We are the owners /authorized person to offer you the item as per the desired specifications.

Fill the appropriate table as applicable for the items separately

1. Photo Bioreactor 400 ml

S.NO.	TECHNICAL SPECIFICATION	DETAILS TO BE FILLED BY BIDDER
1	Flat Panel configuration	
2	Volume: minimum 400 ml	
3	Air pump with bubble interruption valve	
4	pH and temperature measurement with temperature control	
5	Programmable light, temperature, gas and medium regime. Time spent from milliseconds to hours	
6	Both static and chargeable temperature in the range of 15 -55°C	
7	Illumination software controlled and enabling both static and fluctuation light regime	
8	Integrated online optical density measurement – measured at 560, 680 and 750 nm	
9	Chemostat module	
10	Control unit software	
11	CO ₂ electrode (probe included with the electronic module, sensor probe and cables).	
12	Warranty	
13	Future upgradation	

Date:

(Signature of the Vendor)

OFFICE SEAL

(This format shall be sent in a separate sealed cover super scribing - "TECHNICAL BID FOR EQUIPMENT Photo Bioreactor 400 ml for Ref No. AUS/ECOL/JR/DBT-Twinning/2017-18

PROFORMA FOR SUBMISSION OF FINANCIAL BID (FB)

From

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To,
Prof. Jayashree Rout
Principal Investigator, DBT Twinning Project
Department of Ecology & Environmental Science,
Assam University, Silchar-788011, India.

Having read and understood the Technical bid, I am / We are furnishing the desired information and submitting our Technical Bid duly signed by our Authorized person. Now we hereby submit (in separate sealed cover) our Financial Bid for the purchase of equipments.

Please fill up for the item mentioned separately, whichever is applicable:

S.NO	SPECIFICATION OF ITEMS	DETAILS TO BE FILLED BY BIDDER
1	Name of the equipment with model no. etc	Price in INR/\$/Other currency whichever is applicable (Please mention separately the price of the items, accessories, insurance, etc. under separate heads)
2	Applicable taxes	To be included
3	CIF of FOR Silchar	To be included
4	Special Offer/ Discount	To be included
5	Grand Total	Price in INR/\$/Other currency whichever is applicable
6	Terms and condition	As applicable
7	Warranty and after sales service	As applicable
8	Banking Details (For foreign items)	To be included

Date:

(Signature of the Vendor)

OFFICE SEAL

(This format shall be sent in a separate sealed cover super scribing - "FINANCIAL BID FOR EQUIPMENT Photo Bioreactor 400 ml for Ref No. AUS/ECOL/JR/DBT-Twinning/2017-18)