



**Department of Life science and Bioinformatics,
ASSAM UNIVERSITY, SILCHAR**

(A Central University constituted under the Act of Parliament of India in 1994)

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www.aus.ac.in

Ref. No- DBT-Twin/LS/Garcinol/Equipment/01

Date- 01-03-2018

INVITATION FOR TENDER

Assam University, Silchar, a central university invites sealed **tender in a two bid system** (Technical Bid and Financial Bid) from reputed manufacturers/ authorized distributors / authorized firms with sound technical capabilities for supply, installation and commissioning of the following items to be procured under DBT-Twinning project in the Department of Life science and Bioinformatics, Assam University, Silchar. The bids (labeling technical and financial) should be enclosed in separate envelope duly sealed. The sealed bids to be inserted in a single cover envelope mentioning the reference number. Details including make/model/accessories and price including taxes should be quoted against each item separately.

Serial No	Particulars of the equipments with minimum specifications
1	Research Microscope and accessories <ul style="list-style-type: none">• Stereo zoom microscope• Zoom ratio 7.5:1• Zoom range-0.67X-5X• Total magnification 6.7X-50X• 1X objective, Working distance of 115mm and 10X eye piece• LED stand• Colour Microscope camera with not less than 5MP, exposure- 100microsec to 30 sec., C-mount , USB connector for PC• Image software- live image capture, multi dimensional file format.• CFI Plan Acromat UW-1X, N.A. 0.04, W.D. 3.2• CFI Plan Acromat UW-2X, N.A. 0.06, W.D. 7.5• A suitable desktop with high end processor (i5 or i7 preferable)
2	Gradient PCR (Thermal cycler) <ul style="list-style-type: none">• Dual block with independent operation and separate run status• Asymmetric block with 64 / 32 x 0.2 mL and 45 /17 x 0.5 mL tubes• Gradient PCR with gradient temperature of 30-99°C• Block temperature control from 4-99°C• Peltier technology with heating and cooling rate of 2-3 °C/s• Minimum of two USB port, Technology with Thermal sample Protection• Auto restart facility• Graphic programming with display

	<ul style="list-style-type: none"> • Instrument should be provided with 5KVA backup. • Two years of warranty • A suitable desktop with high end processor (i5 or i7 preferable)
3	<p>Spectrofluorimeter</p> <ul style="list-style-type: none"> • Excitation and emission monochromators for fluorescence applications • Excitation and/or emission range: 300-730nm range; at 1nm increment • Temperature controlled system • Microplate/multiplate as well as cuvette enable reading • Selectable excitation and emission bandwidth • Analysis software with unlimited user license • Compatible computer system with software • Instrument should be provided with a 5KVA backup with stabilizer • Two years of warranty • A suitable desktop with high end processor (i5 or i7 preferable)
4	<p>Western blot transfer system with image software</p> <ul style="list-style-type: none"> • Fast blotting system with four gel simultaneously • Two different protocol at same time • Input power: 100–250 VAC, 276VA, 50–60 Hz, 175 W maximum • Output power: 0–26 VAC (1 V increments), 0–2.6 A DC (0.1 A increments) for each cassette • Inbuilt power backup (PowerPac) • User Interface with keypad and display • Programmable more than 20 methods • Audible alarm and notification of power fail and no load • Image laboratory software for gel documentation and image analysis • Two years of warranty
5	<p>Minus 20°C freezer</p> <ul style="list-style-type: none"> • Vertical Laboratory grade freezer • Minimum 200-300 Liters capacity • Temperature range: -16°C to -25°C • Auto defrost technology • Number of shelves- minimum three, Pull out drawers • Integrated controller with high/low temperature sensitivity • Standard door locks • Digital display • Instrument should be provided with a voltage stabilizer • Two years of warranty

Opening of tenders: **28-03-2018**

Last date of submission of bids: **27-03-2018**

TERMS and CONDITIONS:

1. The tenders complete in all respects should be addressed to **Dr. Anupom Borah, Principal Investigator, Department of Life science and Bioinformatics, Assam University, Silchar-788011, India.**
2. The tenders for equipments must be submitted in two-bid system (Technical and Financial).
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-Twin/LS/Garcinol/Equipment/01”** .
4. 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 visit 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. Payments will be made on successful installation of the equipments.
7. The rates should be quoted along with supporting documents of specifications, technical features, list of users and authorized dealership documents (if applicable).
8. The university is exempted from paying Customs and Excise duty.
9. Proprietary items should be quoted with sole Manufacturer / Dealership certificate. Without dealership or manufacturer’s certificate no bids will be accepted.
10. No advance 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. The University reserves the right to accept or reject any or all the bids after recording proper reason for the same.
14. The equipment will have to be installed by the supplier /Agent in the Department of life-science & bioinformatics within 4 weeks, from the receipt of equipment, free of charges.
15. Price quoted for the material/equipment shall be firm and valid for 60 days from the date of opening.
16. Details of availability of after sales support will have to be furnished.
17. All terms and conditions will be as per Assam University, Silchar rules, regulations and decisions.

Sd/-

Dr. Anupom Borah
Principal Investigator
Department of Life science and Bioinformatics
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,

Dr. Anupom Borah
Principal Investigator,
Department of Life science and Bioinformatics,
Assam University, Silchar-788011, India.

With reference to your advertisement _____ 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

S.NO	TECHNICAL SPECIFICATION	DETAILS TO BE FILLED BY BIDDER

Date:

(Signature of the Offerer)

OFFICE SEAL

(This format shall be sent in a separate sealed cover super scribing - **"TECHNICAL BID FOR EQUIPMENT _____ for Ref No DBT-Twin/LS/Garcinol/Equipment/01)**

PROFORMA FOR SUBMISSION OF FINANCIAL BID (FB)

From

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To,

Dr. Anupom Borah
Principal Investigator,
Department of Life science and Bioinformatics,
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 items mentioned separately, whichever is applicable:

S.NO	SPECIFICATION ITEMS	DETAILS TO BE FILLED BY BIDDER
1	Name of the equipment with model no. etc	Price in /\$/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 Offerer)
OFFICE SEAL

(This format shall be sent in a separate sealed cover super scribing - "**FINANCIAL BID FOR EQUIPMENTS _____ for Ref No DBT DBT-Twin/LS/Garcinol/Equipment/01**)