

BHARATHIAR UNIVERSITY: COIMBATORE – 641 046

TENDER NOTICE

No. BU/RUSA 2.0/2022/R3-R17/BCTRC/2642-2

Date: 23.06.2022

Sealed Tenders are invited by the Registrar, Bharathiar University, Coimbatore 641 046 upto 3.00 P.M on 27.07.2022 (Separate Technical bid and Commercial bid) from the reputed ISO Certified Firms for the supply of 1 No. of HPTLC with all accessories to the RUSA Lab under RUSA 2.0 BCTRC Project.

TENDER COST:-	Rs.10,620/-	EMD COST:-	Rs.50,000/-
LAST DATE FOR SUBMISSION OF TENDERS		27.07.2022 up to 3.00P.M.	
TECHNICAL BIDS OPENING DATE		27.07.2022 at 4.00 P.M.	

The Tender documents and details of terms & conditions can be downloaded from our website www.b-u.ac.in from 27.06.2022 to 27.07.2022

**REGISTRAR i/c
BHARATHIAR UNIVERSITY**

Copy to:

1. PS to Vice-Chancellor.
2. PA to Registrar.
3. The Finance Officer, BU.
4. Dr.J.Angayarkanni, Convenor, Associate Professor & Head, Dept. of Microbial Biotechnology, B.U.
5. The P.R.O., BU-with a request to publish in News Papers and in Government site.
6. University Datacentre, BU- with a request to host the above in the Univ.Website & Government site.

BHARATHIAR UNIVERSITY – COIMBATORE 641 046.

TENDER TERMS AND CONDITIONS FOR THE SUPPLY AND INSTALLATION OF

1 No. of HPTLC with all accessories to the RUSA LAB under RUSA 2.0 BCTRC Project

1. Sealed Tenders will be received by the **Registrar, Bharathiar University from the ISO Certified Firms up to 3.00 p.m. on 27.07.2022** in two bids (Technical & Commercial) for the **supply and installation of 1 No. of HPTLC with all accessories to the RUSA LAB under RUSA 2.0 BCTRC Project as specified in the schedule.**
2. Tender should be addressed to the Registrar, Bharathiar University and should be only in sealed covers by Registered post or in person. Tenders received in ordinary covers without seal will not be considered.
3. The tender shall be submitted in a sealed cover with **Ref. No. and superscribed** as “Tender for the supply and installation of the **1 No. of HPTLC with all accessories** for the **RUSA Lab**, under RUSA2.0 BCTRC Project. **Due on 27.07.2022** with the **tenderers full address and contact number (MOBILE Number). Separate sealed covers should be used for technical and price bid and please be superscribed on the cover.** The covers received without such superscription will be rejected summarily.
4. **Technical Bids will be opened on 27.07.2022 at 4.00 p.m. by the Registrar or his/her nominee in the presence of the tenderers** or their representatives may be present at the time of opening. The representatives of the tendering firms who attends during opening of the tenders must produce their identification proof and authorization letter from the tendering firms.

If the tenderers are unable to participate at the time of tender opening kindly be informed through mail rusabharathiar@gmail.com

5. **Price bids will be opened after technical evaluation of bids which will be informed later.**
6. **Faxed Bids are liable to be rejected**
7. The tender shall be accompanied with the requisite Tender Cost of **Rs.10,620/- and EMD of Rs.50,000/-** in the form of **DD drawn in one of the Nationalized Banks** in the name of “**Registrar, Bharathiar University**” payable at Coimbatore. **Bank Guarantees or Cheques will not be accepted.**
8. Tenders without EMD shall be summarily rejected. EMD will not carry any interest. If tenderers specifically exempted by the Government from the payment of earnest money deposit /tender cost, necessary certificate (NSIC & MSME) in respect of the item for which the registration certificate has been obtained. Copy of the Registration Certificate alongwith the terms and conditions including validity time period should be enclosed and highlighted to considered the exemption. Offers submitted without proper Registration Certificate shall be rejected summarily.

9. The tenderer should meet the eligibility criteria laid down in the tender documents and the tender document should be duly signed in each page.

The tender should be substantially responsive to the technical specifications and commercial conditions set out in the tender documents.

10. Tenders which are found not to be substantially responsive under any of the above clauses shall be rejected for further scrutiny.

- 11. The University is not responsible for any postal delay in receipt of tender. Delayed/Late bids will not be accepted at any circumstances. Any tender received after the due date will be returned to the tenderer.**

12. The tender shall be valid for a **maximum period of 180 days** from the date of opening of the tender in acceptance. If the tender validity is less than **180 days** the tender will be rejected as non-responsive tender.

13. Tenderer should not withdraw his tender after the tenders are opened. In case the tender is withdrawn after it is opened, the EMD will be forfeited and black listed.

14. The EMD of the unsuccessful tenders will be refunded after the tenders are disposed off by the competent authority.

- 15. The technical bids should fulfill the following conditions:**

- a. The brief description of the equipment with make and model should be mentioned.
- b. A tenderer should be a manufacturer possessing a valid manufacturing license from the competent authority for manufacturing the items. (Documentary evidence to be furnished)
- c. Manufacturer (OEM) / Authorized Dealer / Distributor / Supplier can also bid with authorization letter from the manufacturer.
- d. Manufacturer should not authorize more than one dealer / distributor for participating in the tender.
- e. ISO Certified Firms
- f. Company Profile
- g. Copy of the GST Registration Certificate and PAN
- h. Average turnover in the last 3years & IT Return.
- i. CE certification or any other relevant certification must be enclosed
- j. The tenderer should not have been blacklisted or debarred from participating in tenders by any Central/State Government agencies or autonomous bodies or universities / institutions. (An undertaking to this effect should be furnished)

16. The bidders who fulfil the eligibility criteria will be considered for technical evaluation. The price bid of the technically qualified bidders will be opened for negotiation.

- 17. PRICE BID:** Price shall be quoted as per the format given in Appendix-.

The tenderer shall not carry out any alteration in the format prescribed for Price Bid. The tenderer shall not enclose any other document or statement that will influence the price. In such an event, the tender inviting authority shall summarily reject the tender.

Imported: The tenderer shall quote the price in all Currencies for CIP Chennai / **FOR Coimbatore** up to the destination and should be indicated clearly both in words and figures.

Indigenous: The tenderer shall quote the basic price plus GST, Packaging and Transportation. No separate charges for warranty period will be considered.

18. The rate should be quoted for item with specification and model if applicable and should be indicated clearly both words and figures. Any scoring or overwriting in the price bid should be attested by the bidder with full signature. The rate quoted should be firm and should not be subject to any variation clauses.
19. The rate should include excise duty, surcharge, sales tax, freight, insurance, delivery, installation and commissioning of the above work and such other levies that may be applicable. The bidder should clearly mentioned the details of their tax, customs and other charges, etc.
20. If the equipment is imported, Customs Duty, Clearance, delivery, transportation, Insurance charges should be mentioned clearly. The firm has to arrange the authorised customs clearing agent on behalf of University for customs clearance.
21. University shall not pay any increase in duties, taxes and surcharges on account of any revision by the Government at the time of supply and installation.
22. Supply shall be as per the specifications mentioned in the Appendix and accordingly at the time of supply.
23. The tender form (Annexure I & II) should be completed in all respects. Wherever the information is not relevant to your bid, the space should be appropriately filled with 'NA or NIL'. No space shall be left blank. All pages of the tender documents should be enclosed otherwise the tenderers are likely to be rejected.
24. The commissioning and installation should be getting completed within the stipulated period mentioned in the supply order. If the supply is not made within the period, the supply order will be cancelled and the EMD & Security deposit will be forfeited.
25. Successful tenderer has to remit the **Security Deposit 6.5%** to the order value in the form of **Demand Draft drawn in favour of "The Registrar" Bharathiar University** payable at Coimbatore. The EMD of the Successful Bidder will be adjusted towards Security Deposit (SD). Security Deposit will be refunded at the end of warranty period as per the purchase order subject to the satisfaction of the University.
26. **Agreement:-** Successful tenderer shall execute an agreement for the fulfilment of contract in Rs.100.00 Non judicial stamp paper of Tamil Nadu Government or any State Government. If failed to execute the agreement, the EMD will be forfeited. The conditions stipulated in the form should be strictly adhered to and violation of any of the conditions will entail termination of the contract without prejudice to be right of the University and to recover any consequential loss from the successful tenderer.
27. The materials are to be guaranteed for the warranty period mentioned as per the given specifications from the date of installation and commissioning against manufacturing defect

and bad workmanship. The period of warranty and the Annual Maintenance Contract (AMC) are as per the given specifications and the specified period shall commence from the date of installation.

28. PAYMENT

Imported: 100% payment will be made through Irrevocable Letter of Credit (LC) in favour of the Principal Supplier, Foreign Demand Draft (or) Currency wire transfer after supply in favour of the Principal supplier. Advance payment is not applicable

Indigenous: The payment will be made only after supply and installation of the equipment either by Cheque or RTGs.

29. CUSTOMS DUTY & TAXES :

Imported: The equipment purchased is for Research and Development activities. University is registered with DSIR and exempted from customs duty for all research equipments as per the Government Notification No: 51/ 96 Customs Dt.23.7.1996.and Government Notification No.10/97 Central Excise Dt: 1.3.1997.

Indigenous: The GST and IGST will be paid \ as per Govt Notification No.45/2017 –Central Tax (Rate) & 47/2017-Integrated Tax (Rate) dated 14.11.2017: NO. 9/2018-Central Tax (Rate), No.09/2018- Union Territory Tax (Rate) & No.10/2018 – Integrated Tax (Rate) dated 25.01.2018: and State Tax (Rate).

- 30.** If the equipment has Customs Duty as per Customs Tariff of India, the tenderer should mention HSN Code for the said equipment.
- 31.** The customs clearance, transportation and delivery charges has to be borne by the supplier. Local supplier shall arrange an authorized customs clearing agent on behalf of the University. The University shall provide all the necessary documents under this notification to enable the supplier to clear the goods whenever required after receipt of invoice, airway bill /shipping notice and packing list from the principal supplier.
- 32.** No demurrage will be paid by the University for Customs clearing delay.
- 33.** Any dispute arising out of this contract shall be settled only at the court having jurisdiction of Coimbatore.
- 34.** The authority competent to accept the tender reserves the right to reject or accept any tender without assigning any reasons thereof.
- 35.** Regarding the acceptance of supply with reference to the specification and quality of materials supplied, the decision of Registrar shall be final.
- 36. Loss or Damage:** External damages or shortages that are prima facie the results of rough handling in transit or due to defective packing will be intimated within a fortnight from the date of receipt of the material, Internal defects, damages of any internal parts that cannot ordinary be exhibited on superficial inspection though due to bad handling in transit or defective packing

will be intimated within two months from the date of receipt of the stores. In either case the damaged or defective stores will have to be taken back at supplier's cost and risk.

37. **Guarantee:** The Supplier shall undertake to repair free of charge or replace any defective part of the equipment supplied due to defective or faulty design or bad workmanship during the warranty period from the date of installation of the equipment.
38. **Leaflets and Descriptive Literature:** Full descriptive particulars and manuals of the equipment offered should accompany the tender. Information regarding the country of manufacturer or origin of materials in the manufacture of articles should be furnished.
39. **Tests:** Manufacturer's certificate for the routine tests specified in the BSS of the test issue or as per manufacturer's standard practice should be forwarded in duplicate. The materials will be rejected, if the test results are not satisfactory.
40. **Penalty Clause:** The delivery should be guaranteed by the tenderer under the penalty clause mentioned hereunder:

“When delivery is delayed by strike, lockouts, fire accidents or any cause whatsoever, beyond the reasonable control of the contractor and whether such delay or impediment occurs before or after the time or extended time for dispatch or completion, a reasonable extension time shall be granted.

If the contractor fails in due performance of this contract, within the time fixed by the contractor the extension thereof, the contractor is liable at discretion of the purchaser to a penalty of 4% per month of the contract value of such portion only of materials as cannot, in consequence of the delay, be used during each month between the appointed or extended time as the case may be and the actual time of acceptance, and such penalty shall be in full satisfaction of the contractor's liability for the delay but shall no in any case exceed 25 % of the contract value of such portion of the materials”.
41. The material should be supplied strictly in accordance with the specifications given in the Appendix and should fulfil the successful tests carried out by the Competent Authority of the University. The supply and installation should be made as per the delivery schedule. The guarantee period shall take effect from the date of installation. Successful tenderer shall be liable to change any defective part during the warranty period. In either case the damaged or defective items will have to be taken back at supplier's cost and risk.
42. The installation and training charges if any are to be borne by the firm.
43. **Incomplete Tenders:** Tenders without the complete particulars will not be considered.
44. No communications from any tenderer adding to/adhering or explaining any terms of the tender will be considered prior to the submission or after opening of the tenders by the competent authority.

45. Amendment:

Tender Inviting Authority may amend the tender wherever it is felt that such an amendment is absolutely necessary.

46. In case of any modifications in specifications/terms and conditions/ any clarifications to the bid document it will be uploaded in the website only and bidders are requested to verify the amendments before the submission of the tender provided no such change could be effected 48 hours prior to the time fixed for opening of the tender

47. The tender shall be submitted along with the downloaded tender documents subject to and agreeing the above conditions duly attested and certified.

Place:

Date:

SIGNATURE OF THE TENDERER WITH SEAL

Name & Designation:-

Mobile No:-

SPECIFICATIONS FOR HPTLC SYSTEM with all accessories

Integrated HPTLC system for quantification, identification, finger printing and micro-preparative separations. High Performance Thin Layer Chromatography

HPTLC SOFTWARE –

- New generation complete system & data acquisition, single software to link, control, integrate, manage the individual instruments for application, development, scanning and image documentation.
- Guides the user through chromatography steps.
- Numerous methods library available for internet download for lifetime.
- Client-server system for flexibility.
- Powerful database tracks individual samples and ensures data integrity.
- Automatic System Suitability detection and check.
- Built-in automatic back-up and restore tool for data.
- Produces a comprehensive GLP compliant analysis report with instrument, analyst, date, time, place, method parameters etc. and complete details.
- Communicates in both directions with instruments.
- Random and unique report ID given to each printout.
- Stores infinite number of methods and downloads them to instruments, when called for.
- Data security achieved through access control, customizable user Management, defined access levels to success.
- Safe database prevents accidental alteration / deletion.
- Essential for GLP & optional 21 CFR Rule 11 compliance and electronic data storage security and transmission.

SEMI AUTOMATIC SPOT / BAND APPLICATOR

- 5th Generation.
- Sprays sample to layer.
- Stand alone or System Manager Control.
- 4 mode applicator 1) Quantitative analysis 2) Micro-preparative chromatography (190mm band length & 500µl sample in one go) 3) Superimpose – int. std or derivatization reagent in same method 4) in – situ clean-up (sample application at 110mm on y axis).
- Sample syringe – 100µl (for analytical work) 500µl (for micro preparative work).
- Sample position on X & Y axis freely selectable.
- Automatic rate of sample dispensing.
- Method storage – 10 built-in or infinite through system manager.
- Method entry – Manual or download from System Manager.
- Can auto – test instruments (self-diagnosis).

CHROMATOGRAM DEVELOPMENT CHAMBERS

- All glass, moulded, one piece, bubble free chamber for TLC/ HPTLC. Bottom divided into two equal halves with a sloping divider.
- Chamber top and bottoms (both outside the chamber and inside the two troughs) should be perfectly parallel to each other.
- Chamber ground finish on top for good seal and at bottom for perfect level.
- Heavy chamber to minimise effects of vibration.

- One piece joint less moulded chambers prevent leakage and tough to handle while cleaning. Stainless steel rust proof lid with overhang to completely seal the chamber.
- Appropriate sizes for 20x20 cm, 20x10 cm and 10x10 cm plates.

TLC / HPTLC PLATE HEATER

- For in-situ derivatization and layer activation.
- Stain resistant ceran glass top; temp range 25 to 200°C.
- Uniform heating of plate.
- Digital display of set & actual Temp. Display remains on as long as plate is hot.
- Upto 20 x 20 cm size plates.

PHOTO RECORDING UV CABINET:

- UV Cabinet with a digital camera mount.
- Enables to inspect the plate as well as keep a record by photodocumentation.
- Images transferrable to PC.
- Digital camera required.
- Image can be attached to System Manager Report. Image annotation software included.
- Dual wavelength 254 nm + 366 nm with guaranteed minimum intensity, as follows: UV lamp at 17 cm distance.
- Short wave UV (254 nm) 1600, long wave (366 nm) 1000,. Visible light (<400nm) 0.4.
- Full protection to viewer's eyes and skin from UV light for safety.
- High tech 50 kHz power supply for flickerless, instant illumination.
- Portable darkroom. Auto switch off after 10 min. Thermal sensor and tilt sensor built in.

20 X 10 CM ONE PIECE, MOULDED DIP TANK WITH LID FOR DERIVATIZATION

MULTIPURPOSE CHAMBER FOR METHOD DEVELOPMENT

- Multipurpose Chamber for a) Method development b) Rapid screening of samples c) Horizontal development.
- Chamber comprises layer scraping module and development module.
- Uses 10 x 10 cm glass plates.
- Can run six mobile phases on one plate, side by side at the same time, with or without saturation.
- New method developed in 3 – 4 runs.
- With mobile phase creation guide.
- For screening, run same sample with 6 different mobile phases.

SOLVENT FRONT MONITORING DEVICE

- An electronic device to detect & monitor solvent front position during chromatography.
- Notifies acoustically & visually that mobile phase has reached the preset developing distance during chromatogram development.
- Works with glass plates being developed in glass chambers of different sizes 20 x 20 cm, 20 x 10 cm, 10 x 10 cm. Batteries included.

TLC / HPTLC SCANNER WITH DATA EVALUTION:

- System Manager controlled Scanner / Densitometer for automatic spectrum scanning for identity check as well as purity check;
- Automatic quantitative measurement by absorbance & fluorescence;
- All facility plate sizes acceptable; Reproducibility of positioning better than 50µm in Y direction & 100µm in X direction.
- Scan speed 100mm/sec @ 25µm resolution; Quick scan facility;
- Wavelength range 190-900 nm; Wavelength accuracy better than 1nm and reproducibility better than 0.2nm.
- Monochromator flushing by nitrogen; Data sampling rate – 4000 / sec;
- Special Macro optics for TLC & Micro optics for HPTLC.
- Apochromatic suprasil – fluorite lens system.
- Spectrum scan speed 100 nm / sec; Max 999 spectra / plate;
- Visible pilot slit image / scan compartment illumination with UV to check sample alignment with scan beam;
- D2, Hg, W lamps built-in.
- Self diagnostic + Service dialog + Universal filter for fluorescence also built-in; scan slit size variable; bandwidth selectable 5 or 20 nm. 16 bit, 2 channel interface, 100mg per double conversion.
- Data evaluation 32 bit software (latest version),
- Excellent S/N ratio.
- High reproducibility;
- Controlled by System Manager, Automatic / Manual data integration,
- Auto baseline correction.
- Spot check facility.
- 3D display with data storage and auto calculation of each peak at its λ_{max} .
- Sub-component evaluation.
- Calibration - single level, multilevel, linear / non-linear. Limit test support.
- Track profile subtraction.
- Statistics CV / CI. Reproducibility check facility.
- Auto calculation of data from wts and dil. factors ,
- Computer generated random no. for each report (GLP compliance).
- Lamp use tracking. 2 level digital user manual.
- Service Dialog + self-Diagnostics + Tutorial all built – in. Meets GLP.
- Optional IQ-OQ and 21 CFR Rule 11 certification.

ESSENTIAL SOFTWARE FOR SCANNER

- a) Spectrum Scanning option
- b) Scanner Quantification
- c) Scanner Multi Wavelength

General conditions: -

Specifications should be confirmed from the website of the manufacturer.
Good support from India is essential.

Maintenance: A good team of service engineers, trained by the manufacturer is essential. Complete HPTLC CV should be within 2% analysis scanning. Detailed information of service engineers and their product training to be provided. AMC or CMC rates should be offered reasonably.

Live product demo, with our samples is necessary. The same may be arranged at supplier's cost.

Analysis support: Since we deal with complex samples, support for analysis should be given by the supplier by sending their application specialist.

Equipment should be future proof and manufacturer is expected to offer upgrade whenever available rather than change models.

Warranty period: 3 years desirable. After sales services must be described in detail. After sales support through Application Lab is very essential.

Training: 3 levels – 3 days during installation. Subsequently at supplier's Application lab and in our lab. Please provide full details of after sales services staff and application lab.

- Demo of various specifications should be given by the successful bidder before placing order.
- A live demo nearby and analysis of our samples will have to be done by bidders at their cost.
- Please provide complete details of your customer support lab. in India and training charges, if any in the next three years after the installation.
- The winning bidder will have to prove compliance with specifications before placing order!
- All the essential items Viz:
 - N2 cylinder with regulator,
 - Online 3 KVA UPS with tubular batteries supporting Minimum 1 hour backup.

System configuration:

Minimum i7 with advance processor, windows 10 original and supporting Nvidia Graphics Card, 27 inch 4k curved Monitor, SSD 1TB Hard Disk

ANNEXURE - I**BHARATHAIR UNIVERSITY: COIMBATORE – 46****TECHNICAL BID**

Tender reference No :- _____

1. Name and address of Bidder
2. TENDER Cost : Rs. _____, DD No. _____, dt.
Amount of EMD : Rs. _____, DD No. _____, dt.
Bank: _____
3. Due Date of bid :
4. The bid shall remain valid for acceptance for 180 days, from the date of tender opening.
5. Schedule of Requirements:

Sl. No	Brief description of stores				Qty Required	Qty Offered	Delivery	Unit price (Rs)	Total Cost (Rs)
							At Bharathiar University Coimbatore	To be filled in Annex:II	To be filled in Annex:II
(i)	GST		%		-	-			
(ii)	Warranty:-	3Years Comprehensive Warranty							
(iii)	Other charges, if any					-	-		
Grand total cost in Rs.									
Total cost (in words)		Rupees.							

Note:-

1. All columns must be filled up.
2. Adhering to the format given above is a pre- requisite for considering your bid.
3. Please indicate applicability.

I/certify that I/We have completely read and understood and agree to all the terms & conditions given in Part II.

Date: _____ Signature of Bidder :-

Office Stamp _____ Signing as :-

Name in block letters :-

Tele No.

Fax No.

e-mail:-

ANNEXURE: II

BHARATHAIR UNIVERSITY: COIMBATORE – 46**PRICE BID**

Tender reference No: _____

1. Name and address of Bidder

2. TENDER Cost : Rs. _____, DD No. _____, dt.

Amount of EMD : Rs. _____, DD No. _____, dt.

Bank: _____

3. Due Date of bid :

4. The bid shall remain valid for acceptance for 180 days, from the date of tender opening.

5. Rates for items given in Techno-commercial offer at Schedule of requirements are as follows:

Sl. No	Brief description of stores				Qty Offered	Delivery	Unit price (Rs)	Total Cost (Rs)
						At Bharathiar University Coimbatore		
(i)	GST		%		-	-		
(ii)	Other charges, if any				-	-		
Grand total cost in Rs.								
Total cost (in words)		Rupees.						

Note:-

1. All columns must be filled up.
2. The base price of the product and the GST rate should be mentioned separately. DSIR will be provided for the concessional rate of 5% along with the purchase order, since our university is an educational institution.
3. Adhering to the format given above is a pre- requisite for considering your bid.
4. Please indicate applicability.

Date:-

Signature of Bidder :-

Office Stamp

Signing as :-

Name in block letters :-

Tele No.

Fax No.

e mail:-

LETTER OF ACCEPTANCE

Tender No.

Date:

To
THE REGISTRAR
BHARATHIAR UNIVERSITY
COIMBATORE – 641 046.

I/We agree to furnish required supplies / services as detailed in the Tender schedule or such portions thereof as you may specify in the Acceptance of Tender in accordance with the General Terms and Conditions governing the contract / supply order enclosed hereto duly accepted on receipt of the order for the same.

I /We agree to hold this offer open until _____ and shall be bound to supply / omission /erect the equipment and despatch the same within the specified period.

I/ We agree to supply and commission /erect the equipment and complete the whole of the work and hand over to the purchaser within the period of _____ weeks. From the date of receipt of intimation from you regarding acceptance of this tender / receipt of supply order.

Signature of the bidder
With office stamp
Name & Address

Station:-

Date :-