**BHARATHIAR UNIVERSITY: COIMBATORE - 641 046**

**No. BU/R-D2/Nano/Equip/19466/2021-22 Date: 31.12.2021**

**TENDER NOTICE**

Sealed Tenders are invited by the Registrar, Bharathiar University, Coimbatore 641 046 upto **3.00 P.M on 28.01.2022** (Separate Technical bid and Price bid) from the reputed ISO Certified Firms for the supply of **1 No. Fourier Transform Infrared Spectrometer and its Accessories (FTIR)** to the Department of Nanoscience and Technology, Bharathiar University, Coimbatore.

|  |  |  |  |
| --- | --- | --- | --- |
| **S. No** | **Name of the Equipment** | **Tender Cost Rs.** | **E.M.D. Rs.** |
| 1 | **Fourier Transform Infrared Spectrometer and its Accessories (FTIR)**  | 6,300/- | 18,000/- |
| **LAST DATE FOR SUBMISSION OF TENDERS : 28.01.2022 upto 3.00 P.M.****TECHNICAL BIDS OPENING DATE : 28.01.2022 at 4.00 P.M.** |

**Note:**

1. The tender cover should be superscribed as “Tender for the supply of **1 No. Fourier Transform Infrared Spectrometer and its Accessories (FTIR)** to the Department of Nanoscience and Technology, BU.”
2. The Tender Fee & EMD of the quoted value against each to be enclosed in the form of DD drawn in favour of the Registrar, Bharathiar University, payable at Coimbatore and shall be submitted in separate cover.
3. For Tender Terms, Conditions and Detailed Specifications – log on to our website <http://www.b-u.ac.in> and can be downloaded

4. The tender is governed by the Tamilnadu Tender Transparency Act 1998 and 2000 as amended from time to time.

 **REGISTRAR i/c**

 **BHARATHIAR UNIVERSITY**

**Bharathiar University, Coimbatore 641 046**

**Tender Conditions and Instructions for the supply of 1 No. Fourier Transform Infrared Spectrometer and its Accessories (FTIR) to the Department of Nanoscience and Technology, Bharathiar University**

1. Sealed Tenders will be received by the Registrar, Bharathiar University, up to **3.00 p.m. on 28.01.2022 for the supply of 1 No. Fourier Transform Infrared Spectrometer and its Accessories (FTIR)** to the Department of Nanoscience and Technology**,** of this University as specified in the schedule (Appendix).
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 cover should be superscribed as “**Tender for the supply of 1 No. Fourier Transform Infrared Spectrometer and its Accessories (FTIR)** to the Department of Nanoscience and Technology of the University. The covers received without such superscription will be rejected summarily.

1. **Technical Bids only will be opened on 28.01.2022 at 4.00 p.m in the presence of the tenderers. The price bids will be opened after technical evaluation. Date of opening of Price Bids will be intimated later.**
2. Each tender shall be accompanied with the requisite **EMD noted below against each in the form of DD drawn in one of the Nationalised Banks in the name of “Registrar, Bharathiar University” payable at Coimbatore. Cheques and Bank Guarantees will not be accepted.** Tenders without EMD shall be summarily rejected. EMD will not carry any interest.

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| --- | --- | --- | --- |
| **S.No.** | **Name of the Equipment** | **Tender Cost Rs.** | **E.M.D.** **Rs.** |
| **1.** | **Fourier Transform Infrared Spectrometer and its Accessories (FTIR)**  | 6,300/- | 18,000/- |

1. Tenders received late will be returned to the tenderer unopened.
2. a) The tender should contain particulars like the name and addresses of the Tenderers, Net rate including excise duty, surcharge, sales tax, freight, octroi, insurance, delivery, installation and commissioning of the above work and such other levies that may be applicable.

b) The rates will be kept firm for One hundred and Eighty days from the date of the opening of the Tenders in acceptance.

c) The rate should be quoted with specification and model if applicable and should be indicated clearly both in words and figures. Any scoring or overwriting should be attested by the tenderers with full signature. The rate quoted should be firm and should not be subjected to any variation clauses.

d) US Dollar/EURO/Yen/CHF Swiss Franc billing can also be quoted for the required Equipments.

e) University shall not pay increase in duties, taxes and surcharges on account of any revision by the Government at the time of supply and installation.

f) Supply shall be as per the specifications mentioned in the Appendix and according at the time of supply.

g) The tenderer should quote as per the tender specifications of the equipment only. Option shall be given separately.

h) 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.

i) If the given space is in sufficient to give required information, additional sheets may be added. Each such additional page shall be numbered consecutively and shall bear our tender reference number and signature of bidder or his/her authorized agent.

**Faxed Bids are liable to be rejected.**

1. **Tenders will be opened on 28.01.2022 at 4.00 p.m. by the Registrar or his nominee in the presence of Tenderers or their representatives who may be present at the time of opening. The representatives of the tendering firms who are attending during opening of the tenders should bring a letter of authorization from the tendering firms, which they represent to identify their bonafied.**
2. The tender shall be valid for a period of 180 days from the date opening. Tenderer should not withdraw his tender after the tenders are opened. In case the tender is withdrawn after it is opened, the EMD paid by him will be forfeited.
3. The EMD of the unsuccessful tenders will be refunded immediately after the tenders are disposed of by the competent authority.
4. Successful tenderer shall execute an agreement for the fulfillment of contract in the stamp paper in the model form. 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.
5. Successful tenderer shall remit a 6% Security deposit of the order value (excluding EMD already remitted). Security Deposit will be refunded at the end of warranty period subject to the satisfaction of the University. The EMD may be adjusted towards Security deposit payable.
6. If the tenderer failed to act upto the tender or backs out when his tender accepted, security deposit will also be forfeited to department.
7. The material should be supplied strictly in accordance with the specifications given in the Appendix and should fulfill the successful tests carried out by the Competent Authority of the University. The supply and installation should be made as per the delivery schedule to be sent by the Registrar along with the exact location of the work. The guarantee period shall take effect from the date of trial run. 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.

1. 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.
2. 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.

1. The materials quoted shall confirm to ISI standard. The make of the materials shall be mentioned in the tender.
2. Any dispute arising out of this contract shall be settled only at the court having jurisdiction of Coimbatore.
3. The authority competent to accept the tender reserves the right to reject or accept any tender without assigning any reasons thereof.
4. Regarding the acceptance of supply with reference to the specification and quality of materials supplied, the decision of Registrar shall be final.
5. Prices: The Prices shall be quoted in Currency US Dollars/Japan Yens/EURO/CHF /UK Pounds.
6. **If the tenderer quotes the price with GST, should mention the valid GST registration number along with the copy of the registration Certificate.**
7. The University is registered with DSIR and eligible for exemption towards customs duty as per the Government Notification No: 51/ 96 Customs Dt.23.7.1996, Notfn No. 28/2003 – Customs dt. 01.03.2003, Notfn. No. 43/2017 – Customs dt. 30.06.2017, & Notfn. No. 47/2017 – Integrated Tax (Rate) dt. 14.11.2017, Notfn. No. 10/2018 – Integrated Tax (Rate) dt. 25.01.2018, and Notfn. No. 45/2017 – Central Tax (Rate) dt. 14.11.2017, Notfn. No. 45/2017 – Union Territory Tax (Rate) dt. 14.11.2017 & Notfn. No. 9/2018 – Central Tax (Rate) dt. 25.01.2018, Notfn. No. 9/2018 – Union Territory Tax (Rate) dt. 25.01.2018. The University will be given necessary exemption certificates.
8. 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.
9. 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 a period of three years from the date of commissioning of the equipment.
10. 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.
11. Tests: Manufacturer’s certificate for the routine tests specified in the BSS of the latest 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.
12. Penalty Clause: The delivery should be guaranteed by you under the penalty clause mentioned hereunder:

“Should delivery be 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.”

1. Additional Documents: Please also attach with the quote the following documents:
	* ISO Certificate
	* Number of service centres of the supplier in Tamilnadu/India.
	* Number of years standing in the business.
	* Average turnover in the last two years.
	* Backup facility for the warranty period.
	* TIN and CST Number, whenever required.
	* Certificates attained by the manufacturer.
	* Company Profile.
	* Any other relevant details in support of the items specified.
2. Incomplete Tenders: Tenders without the complete particulars will not be considered.
3. Tenders will be considered only from the ISO certified Manufacturers / authorized distributors with sound technical and financial capabilities.
4. The University’s general rules for the supply of the materials and works will apply on this purchase also.
5. In case of foreign bidders, the shipping charges be stated separately.
6. The custom’s clearance charges, transportation upto the University have to be borne by the firm’ account.
7. The installation and training charges if any are to be borne by the firm.
8. Indian firms can only quote against the Open Tender and shall quote in Indian Rupee on FOR Coimbatore basis.

1. Foreign firms having their own office in India can quote in respective country currency.
2. 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
3. In case of any modifications in specifications/terms and conditions/ any clarifications to the bid document it will be hosted in our website only and bidders are requested to log on to our website from time to time regularly for any amendment and no separate corrigendum will be issued in this regard.
4. The tender is submitted subject to and agreeing the above conditions duly attested and certified.

**TO BE FILLED IN BY THE TENDERER:**

|  |  |  |
| --- | --- | --- |
| **S.No.** | **Tender Cost – Rs.** **DD /Banker’s Cheque No/ Date** | **EMD Details Rs.** **DD No/Banker’s Cheque No/ Date** |
|  |  |  |
|  |  |  |

 **SIGNATURE OF THE TENDERER**

**BHARATHIAR UNIVERSITY: COIMBATORE – 641 046**

**SCHEDULE**

**1 No. Fourier Transform Infrared Spectrometer and its Accessories (FTIR)**

|  |  |  |  |
| --- | --- | --- | --- |
| **S. No** | **Specifications** | **Qty****Req.** | **Total Amount****Rs.**  |
| **1** | Basic System: High performance, high resolution **Fourier Transform Infrared** **Spectrometer** should be fully automated with PC/software. Spectral Range: **7800 to 350 cm-1** with an optional update to **220 cm-1**Resolution: **0.7 cm-1** or better**25000:1** peak to peak for **1 min** data acquisition Interferometer **(Non-air bearing)** with KBr Beam splitter with high stability Built in diagnostics. Spectrometer components like source, laser, detector, and interferometer must be continuously monitored for operation within factory specifications. Optical components like detector and source must be electronically coded.Standard Detector: DLATGS with peltier temperature control Optional Detectors : MCT, InSb, InGaAsTwo detectors can be installed simultaneously in the instrument.The main sample compartment should have a center focus to accommodate the complete range of accessories and large customized accessories. Sampling accessories which are placed in the sample compartment must be automatically identified and spectral test routines must automatically start to verify Accessory performanceThe instrument should include a software controlled aperture wheel for optimization of throughput ZnSe single bounce ATR Automatic alignment through software should be available.  Spectral library for organic/inorganic and polymer additives. The spectral files should be exportable to commercially available software.\*\*Essential Accessories: 13 mm Die set, Liquid mountable cell for KBr windows, Agate mortar and pestle. Liquid sampler Latest Branded desktop PC With core i3 processor, 8 ` GB RAM, 1TB HDD, Monitor, Keyboard & Mouse- 1 set The instrument software should include diagnostics, test routines, performance qualification and data functions for spectral interpretation, quantification, peak picking, and smoothing and baseline correction. Upgradation for Microscope and software should be available.Installation and service supports:* Clearly specify the after sales service and application support capabilities.
* Provide all pre-installation requirements to have the system installed in ideal room conditions.
* Provide a detailed list of users of the quoted system in India with contact details.

Warranty* Comprehensive Warranty for 3 years and AMC should be mentioned

 Maintenance* The supplier shall provide uninterrupted supply of spares and accessories for a period of 10 years after warranty.

Up-gradation* The supplier shall supply a software for system operation whenever they are upgraded during the warranty period.

Training* Onsite training should be provided

Manuals* The following manuals in English should be supplied free of cost along with the system:
* Detailed user instruction manual, operation / instruction manual, troubleshooting manual, CDROM tutorials

Application notes* The supplier shall provide detailed application notes of FT-IR in hard and soft copies.

Compliance statement* Compliance statement should be prepared separately against each items specified above with detailed information and submitted along with **Technical Bid**

List of references in India, where similar systems have been installed, are to be provided with technical bid, which will be considered seriously by the technical committee for qualification of technical bids. Post sales service feedback will be certainly a deciding factor, will be considered. | **1No.** |  |
|  |  **GST**  |  |
|  | **Nett amount Rs.** |  |

**NOTE:**

1. Please quote the price with make and model of the items, without make the tender the tender will not be considered.
2. The University is eligible for exemption of Central Excise Duty as per Government Notification No: 51/ 96 Customs Dt.23.7.1996, Notfn No. 28/2003 – Customs dt. 01.03.2003, Notfn. No. 43/2017 – Customs dt. 30.06.2017, & Notfn. No. 47/2017 – Integrated Tax (Rate) dt. 14.11.2017, Notfn. No. 10/2018 – Integrated Tax (Rate) dt. 25.01.2018, and Notfn. No. 45/2017 – Central Tax (Rate) dt. 14.11.2017, Notfn. No. 45/2017 – Union Territory Tax (Rate) dt. 14.11.2017 & Notfn. No. 9/2018 – Central Tax (Rate) dt. 25.01.2018, Notfn. No. 9/2018 – Union Territory Tax (Rate) dt. 25.01.2018.
3. The material quoted shall conform to ISI standard.
4. Incomplete tenders: Tenders without the complete particulars will not be considered.
5. **The net price (including tax) of each item may be indicated.**

**BHARATHIAR UNIVERSITY: COIMBATORE – 46**

**TECHNICAL BID**

 **ANNEXURE - I**

Tender reference No:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Name and address of Bidder
2. The details of EMD

Amount of EMD Rs.\_\_\_\_\_\_\_\_\_\_\_, DD No. \_\_\_\_\_\_\_\_\_\_\_\_ dt

Bank:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Due Date of bid :
2. The bid shall remain valid for acceptance for 90 days, from the date of tender opening.
3. Schedule of Requirements:

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Sl.No | Brief description of stores | QtyRequired | QtyOffered | Delivery | Unitprice(Rs) | Total Cost(Rs) |
|  |  |  |  | At Bharathiar UniversityCoimbatore | To be filled in Annex:II |  |
| (i) | GST |  | % |  | - | - |  |  |
| (ii) | Other charges, if any | - | - |  |  |
| Grand total cost in Rs. |  |
| Total cost (in words)Rupees. |

Warranty:

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**

PRICE BID

Tender reference No:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Name and address of Bidder
2. The details of EMD

Amount of EMD Rs.\_\_\_\_\_\_\_\_\_\_\_, DD No. \_\_\_\_\_\_\_\_\_\_\_\_ dt

Bank:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Due Date of bid :
2. The bid shall remain valid for acceptance for 90 days, from the date of tender opening.
3. Rates for items given in Techno-commercial offer at Schedule of requirements are as follows:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Sl.No | Brief description of stores | QtyOffered | Delivery | Unitprice(Rs) | Total Cost(Rs) |
|  |  |  | At Bharathiar UniversityCoimbatore |  |  |
| (i) | GST  |  | % |  | - | - |  |  |
| (ii) | Other charges, if any  | - | - |  |  |
| Grand total cost in Rs. |  |
| Total cost (in words) Rupees. |

Warranty:

Note: (1) Price must be quoted in Indian Rupees only on FOR Bharathiar University Coimbatore basis with customs duty/excise duty excluded as necessary exemption certificate will be issued as indicated. Taxes and other levies excluded price to be quoted and percentage of the same to be indicated separately.

 (2) Adhering to the format given above is a pre-requisite for considering your bid.

(3) Separate list should be attached where required in the same format giving details of each item and cost.

Date : Signature of Bidder :

Office Stamp Signing as :

 Name in block letters :

Tele No. :

Fax No. :

e mail :

**BHARATHIAR UNIVERSITY: COIMBATORE – 46**

**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:**

**BHARATHIAR UNIVERSITY: COIMBATORE – 46**

**SPECIFIC INSTRUCTIONS:**

1. Please Quote the Price for the instruments with make; without the mention of the make the tenders will not be considered.
2. The firm may quote the rates as per the tender specification, the rate quoted by the firm will be considered if it is only as per the tender specifications. If there is any deviation of specification from the tender specification, the tender will not be considered.
3. The Original tender form should be submitted to this office along with the tender schedules.
4. Quote the Price with Warranty and annual maintenance contract (AMC) periods mentioned in the specifications. Separate charges for warranty and AMC will not be considered at any cost.
5. The Instruments should be supplied at University Campus. Customs duty @ Govt.Concesional rate for Educational institutions will be borne by the University. However, the successful tenderer shall accept to pay the Customs duty for clearance after receipt of Airway bill, Invoice & etc. so as to avoid demurrage. Necessary clearing documents will be handed over to the Supplier within 3 working days after the receipt of Airway bill, Invoice & etc. The permissible Customs Duty paid by the Tenderer will be reimbursed by the University.
6. Freight Clearance charges, packing, forwarding charges , transportation charges will have to be borne by the firm Please quote the price for free delivery at University Campus .
7. No demurrage will be paid by the University for clearing delay.
8. The tender shall be submitted subject to and agreeing the above conditions duly attested and certified.

 **SIGNATURE OF THE TENDERER**

**No. BU/R-D2/Nano/Equip/19466/2021-22 Date: 31.12.2021**

**NOTE TO THE PUBLIC RELATIONS OFFICER:**

With reference to the above, necessary arrangements may please be made to release the enclosed Tender Notice in the following news papers towards purchase of **1 No. Fourier Transform Infrared Spectrometer and its Accessories (FTIR)** to the Department of Nanoscience and Technology, Bharathiar University, Coimbatore.

Copy of the approval order obtained from the Vice-chancellor and the Tender Notification are enclosed.

 **One Tamil Paper (District Editions) : Daily Thanthi**

 **REGISTRAR i/c**

**Encl: As above**

**Xg;ge;jg;g[s;sp bra;jp kyh;**

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| t. vz; | ghujpahh; gy;fiyf;fHfk; |
| 1 | Xg;ge;jg;g[s;sp nfhUk; mYtyh; bgah;/gjtp kw;Wk; Kfthp | gjpthsh; ghujpahh; gy;fiyf;fHfk; nfhit – 641 046 |
| 2 | m) jpl;lj;jpd; bgah;/ bfhs;Kjy;bra;ag;glt[s;s gzpfs; rk;ge;jkhd tpguk; | Department of Nanoscience and Technology - **1 No. Fourier Transform Infrared Spectrometer and its Accessories (FTIR)** |
|  | M) gzpfs; my;yJ bfhs;Kjy; eilbgWk;khtl;l';fspd; bgah;fs; | nfhit khtl;lk; |
| 3 | ve;j ,lj;jpy; ve;j njjp tiu vd;dtpiyf;F xg;ge;jg;g[s;sp rk;ge;jkhf gotk; fpilf;Fk; vd;w tpguk; | [www.b-u.ac.in](http://www.b-u.ac.in) vd;w ,izajsj;jpy; gjptpwf;fk; bra;J bfhs;syhk;. |
| 4 | brYj;jg;gl ntz;oa Kd;itg;g[bjhif tpguk; | Rs.18,000/- |
| 5 | epiwt[ bra;ag;gl;l xg;ge;jg;g[s;spfs; bgwg;gLtjw;fhd filrp ehSk;/ neuKk; kw;Wk; ,lKk; | 28.01.2022gpw;gfy; 3.00 kzp tiu,lk; - gjpthsh; miw/ ghujpahh; gy;fiyf;fHfk;. |
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