**BHARATHIAR UNIVERSITY : COIMBATORE 641 046**

 **TENDER NOTICE**

**Ref.No. C7/Chemistry /TANSCHE/ 850-1/ 2021 Date : 10.11.2021**

 Sealed Tenders are invited by the Registrar, Bharathiar University, Coimbatore 641 046 up to **3.00 P.M on** **29.11.2021 from** the reputed firms for the supply of **UV-Visible Spectrophotometer to the TANSCHE Project, Dept.of Chemistry .**

 Tender Documents can be downloaded from our website: [www.b-u.ac.in](http://www.b-u.ac.in). from **12.11.2021 to 29.11.2021 The tender cost of Rs. 1,575/- and EMD Rs. 16,000**/- in the form of DD drawn in favour of The Registrar, Bharathiar University, Coimbatore has to be enclosed while submission of tender **.**

 **REGISTRAR i/c**

 **BHARATHIAR UNIVERSITY**

 **BHARATHIAR UNIVERSITY –COIMBATORE 641 046**

**TENDER TERMS AND CONDITIONS**

1. Sealed Tenders will be received by the **Registrar, Bharathiar University from the reputed firms** up to **3.00 p.m. on 29.11.2021**  for the **supply and installation of UV-Visible Spectrophotometer** TANSCHE Project, Dept.of Chemistry 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 with **Ref.No. should be superscribed as “Tender for the supply of UV-Visible Spectrophotometer ,**TANSCHE Project, Dept.of Chemistry **”Due on 29.11.2021** . The covers received without such superscription will be rejected summarily.
4. Tender shall be accompanied with the **requisite tender cost of Rs. 1,575/-- and EMD Rs.16,000/- 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 Guarantee will not be accepted**

 5 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 should be enclosed for exemption otherwise it will be liable for rejection

 6 **The tenders will be opened on 29.11.2021 at 4.00 p.m. by the Registrar or his/her nominee in the presence of the 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

 If the tenderers are unable to participate at the time of tender opening kindly be informed to the

 Registrar through mail **purchasesection4@gmail.com**

 Tenders received late i.e. after 3.00 p.m. on due date will be returned to the tenderer unopened.

1. he tender shall be valid for a maximum period of 180 days from the date of opening of the tender in acceptance .
2. If the tender validity is less than 180 days the tender will be rejected as non-responsive tender. Tenderer should not withdraw his tender after the tenders are opened. In case the tender is withdrawn after it opened, the EMD will be forfeited and black listed.
3. The rate should be quoted for item with specification and model if applicable and should be indicated clearly both in words and figures. Any scoring of overwriting should be attested by the tenderers with full signature. The rate quoted should be firm and should not subject to any variation clauses.
4. The EMD of the unsuccessful tenders will be refunded immediately after the tenders are

 disposed of by the competent authority.

1. Successful tenderer shall execute an agreement for the fulfillment of contract in the Rs.100/- stamp paper of TamilNadu as per the model format. 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.. If failed to provide the agreement, then the EMD and Security deposit will be forfeited
2. .**Successful tenderer shall remit a** **Security deposit 5.5% to the order value**. The EMD will be refunded to the successful firm after remittance of security deposit or it may be adjusted towards Security deposit. Security Deposit will be refunded at the end of warranty period as per the purchase order subject to the satisfaction of the University.
3. If the Successful tenderer failed to act up to the tender or backs out when his tender accepted the EMD will be forfeited
4. a) The material should be supplied strictly in accordance with the specifications given in the Schedule 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 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.
5. The installation should be 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.
6. The materials are to be guaranteed as per the required warranty period . The warranty period specified will commence from the date of installation .
7. The materials quoted shall confirm to ISI standard. The make of the materials shall be mentioned in the tender.
8. Any dispute arising out of this contract shall be settled only at the court having jurisdiction of Coimbatore.
9. The authority competent to accept the tender reserves the right to reject or accept any tender without assigning any reasons thereof.
10. Regarding the acceptance of supply with reference to the specification and quality of materials supplied, the decision of Registrar shall be final.
11. . Price:

**For Imported:**  The Price shall be quoted in Currency for CIF Chennai /CIP Chennai / FOR Coimbatore..

**b)For Indigenous** : Quote the price in INR +GST, packing , transportation and warranty. Separate charges for warranty will not be considered at any cost ,

1. 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.and Central excise duty as per Government Notification No.10/97 Central Excise Dt: 1.3.1997. Central Excise Dt: 1.3.1997. 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).
2. The customs duty after providing duty exemption certificates if applicable as per customs tariff for the said equipments shall be paid by the local supplier /Clearing agent at the time of Customs clearance which will be reimbursed subject to the condition on submission of original customs bills to the University after delivering the equipment to the department concerned..

The Customs clearance , transportation and delivery charges up to the University have to be borne by the firm. Necessary documents will be provided after receipt of original invoice/Cargo Arrival/Shipment notice from the Principal Supplier

 25**PAYMENT** :

a)If the quoted price in currency . The payment will be made by irrevocable Letter of Credit (LC) (OR) Currency wire transfer in favor of the Principal Supplier (only after supply ) Advance Currency Wire transfer is not applicable

**b)**If the quoted price in INR, the payment will be made after supply and installation. No advance payment will be made .

**26. Additional Documents required**

1. GST Number along with the copy of the registration Certificate
2. PAN Number along with the copy of PAN
3. Company Profile.
4. Copy of the supply order and installation record at reputed institutions /

 organizations and sufficient service back-up in Tamil Nadu

1. Any other relevant details in support of the item specified.
2. Full descriptive particulars and manual of the equipment

27.he University will not offer any explanation to those tenderers whose bid has not been

 found acceptable by the competent authority

 28. Tenders will be considered only from the ISO Certified firms

29.The University’s general rules for the supply of the materials and works will apply on

 this purchase also.

1. 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

1. 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.
2. The tender shall be submitted along with the downloaded tender documents subject to and agreeing the above conditions duly attested and certified.
3. **TO BE FILLED IN BY THE TENDERER:**

|  |  |
| --- | --- |
| **Tender Cost** | **EMD** |
| **DD No /Date** | **Amount** | **DD No/Date** | **Amount** |
|  |  |  |  |

 **SIGNATURE OF THE TENDERER**

**SCHEDULE**

|  |  |  |
| --- | --- | --- |
| **UV Visible Spectrophotometer** | Qty | Price  |
| **Optical System**  | Czerny-Turner mount**,** Single monochromator, Fully symmetrical double beam | 1 |  |
| **Light Source** | D2 Lamp: 190 to 350mm, Halogen Lamp: 330 to 900nm |
| **Light source** **Exchange Wavelength** | user selectable within a range of 330 to 350nm |
| **Detector** | Photomultiplier tube (PMT) |
| **Wavelength Range** | Should cover the range from190 - 900nm |
| **W.L.Accuracy** | +/-0.2nm or Better |
| **W.L.Repeatablity** | Should have at least +/-0.05nm |
| **Scanning Speed** | 10 to 4000nm/min and more |
| **Slew Speed**  | 12000nm/min |
| **Spectral Bandwidth** | 0.1, 0.2, 0.5 1, 2, 5,10nm, L2, L5,L10nm (low stray light mode) M1, M2nm (micro cell mode) |
| **Photometric Range** | -5 to 5Abs |
| **Photometric Accuracy** | +/-0.0015 Abs (0 to 0.5Abs), |
| **Stray Light**  | 1% (198nm KCL 12 g/L aqueous solution) 0.005% (220nm Nal 10 g/L aqueous solution)  |
| **Baseline Stability** | +/-0.0003 Abs/hour |
| **Baseline Flatness** | +/-0.0002 Abs |
| **RMS Noise**  | 0.00003 Abs |
| **Warranty**  | Two years |

**SOFTWARE SPECIFICATIONS;**

**Measurement Modes:** Quantitative Analysis

Wavelength scan, Time scan: (Abs, %T, %R, sample reference)

Fixed Wavelength : (up to 8 wavelength)

Abs/%T monitor, validation program

Should have basic and advance modes for parameter setting for routine measurement and advance measurement.

Data Processing: spectral Manipulation, overlay peak picking, peak height, peak area, peak width, Derivatives, smoothing, Data Truncation, Arithmetic, Base line connection, subtraction, Deconvolution, vertical axis conversion, Horizontal axis conversion.

Other standard functions should include: Enzyme activity calculation. Film Thickness measurement, color analysis software

Instrument should be upgradable to be used with Micro volume of samples less than 1µl.

Should supply the following items along with the instrument:

1. Quartz Cuvettes, 10mm - 1 Pair

2. PC with Core i3 Processor, 4 GB RAM, 1TB HDD, Monitor, and Keyboard & Mouse - 1 Set

3. Integrated diffuse and specular reflectance attachment and angle incident from zero degree     to eight degree. (**Optional**)

 SIGNATURE OF THE TENDERER