

**TENDER DOCUMENT**

**Last Date for submission of the Bids : 3<sup>rd</sup> March 2022 up to 12.00 pm**

**Sealed Bids are invited for ‘Computer Colour Matching System (Spectrophotometer Dual-beam spectrophotometer illumination Source- pulsed xenon)’**

Chairman Purchase Committee - NITRA invites sealed bids for procurement of the above subjected Equipment for NITRA Ghaziabad office. The specifications of the equipment are as below:

**Computer Color Matching System (spectrophotometer dual-beam spectrophotometer illumination source - pulsed xenon) Qty: 1 No.**

**i) Spectrophotometer:**

- Wavelength range - 360 nm to 700 nm reporting interval - 10 nm
- Photometric range: 0% to 200%
- Measurement mode: Reflectance & Transmittance
- Viewing geometry: D/8
- UV Filter: Adjustable
- Large area view and small area view facility
- Specular component included/excluded facility.
- Facility to measure fabric and fibre (fibre holder should be provided)
- Hank yarn holder
- Transmission Cuvette
- Yarn board making facility

**ii) Software**

- Colour quantification, colour difference spaces, colour difference calculation,
- Facility to provide results using different illuminants (D65, A, C, F3, CWF/F2, TL 84/F11, D50, D75, UL30, Horizon with observer angle 2° and 10°
- Provide plot between % RFL vs wavelength, K/S Vs wavelength, LogK/S vs wavelength
- Strength analysis ,
- Whiteness indices (Stephensen, Harrison, Berger, CIE, ASTM E313, Hunter, Stensby, Ganz,
- Yellowness Indices- ASTM D 1925, ASTM E313
- Brightness Indices- TAPPI452 or ISO 2470
- Facility to determine OBA fluorescence component
- CIE diagram
- Opacity: ISO Opacity/Tappi
- 555 shade shorting facility in LAB and LCH
- Grey scale and staining scale as per AATCC and ISO standard
- Groupings in one and two dimensional, strength groupings

**Packing and Submission of the bid/bids**

- A.** The tender shall be submitted on or before 03-03-2022 (up to 12.00 PM) and at the address given in appendix-TF. Any tender received after this date and time shall not be accepted. Tenders shall be packed, marked and sealed and submitted in original with documents listed

below. **Tender shall be submitted in two separate sealed cover e.g. “Technical Bid” & “Financial Bid”.**

**B. Sealed cover “Financial Bid” shall contain financial Specification**

- i. Bill of Quantities duly completed with price.
- ii. Covering letter in duplicate bringing out the tenderer’s reservations, if any, regarding compliance with the tender document and his own specific assumption, if any.
- iii. Bills/Schedule of Quantities duly completed with price which will be inclusive of all taxes (GST, Excise Duty, Custom Duty etc.) any other Govt. levies & all other charges (packing, forwarding, loading-unloading, erection and commissioning, insurance and any other incidental charges by whatever name called). Break-up of the taxes/levies/all other charges will also be mentioned.
- iv. It is necessary to fill the Tender Value precisely. In case, all individuals’ items are not quoted, it will be deemed that that Tender Value is inclusive of quotes of all the individual items as per the tender document.

**C. Sealed cover “Technical Bid” shall contain**

- i. EMD - DD Favoring ‘Northern India Textile Research Association’, of Rs.10,000/- (Ten Thousand only) is to be submitted from any Scheduled Bank, which should be payable at Ghaziabad. The applicant without EMD will be out rightly disqualified.
- ii. SSI Certificate if the Manufacturer/supplier, are registered as small industries with the Government. The SSI Manufacturer/supplier are exempted to deposit EMD. (Self attested copy of the Registration Certificate is to be submitted).
- iii. Profile of the Bidder’s Organization.
- iv. Copy of the PAN Card of the Organization.
- v. Copy of Registration Certificate of the organization.
- vi. If the bidder does not manufacture the equipment, authorization of the manufacturer to the bidder for marketing and servicing the equipments in India should be enclosed along with the tender. In the absence of such authorization, the tender will not be considered.
- vii. Technical Specifications in details of equipment for which bid has been submitted.
- viii. List of items including spare parts and required accessories with quantities for which the financial bid has been submitted.
- ix. The equipment for which bid has been submitted should contain the list of clients to whom the respective equipment with same specifications has been supplied.
- x. Tender documents, which shall be signed by the authorized person(s) and seal affixed.

**D. The sealed envelope containing covers ‘Technical Bid’ & ‘Financial Bid’ as above shall be marked in the name of the Chairman Purchase Committee, NITRA, Ghaziabad clearly indicating the name of the item for which the bid is submitted.**

**Terms & Conditions:**

1. Modifications if any of the tender documents will be made by addenda / corrigenda. One copy shall be signed, sealed and submitted packed along with the tender documents.
2. No Bids/Quotations shall be entertained, if it is not sealed properly, sent through e-mail, fax, telex or telegraphic mode.
3. The quoted price should be written both in words and in figures. In case of conflict between the figures and words in the rates, the latter shall prevail.
4. Disqualified bidder/bidders will get back their EMD within 30 days from the date of opening of financial bid/bids. Demand Draft submitted towards EMD shall be returned after receipt of performance Bank Guarantee from successful bidder or within 30 days from the installation and commissioning of the Equipment.
5. Warranty should be of at least for three years.

6. The suppliers of the equipment should provide both theoretical and practical training after commissioning the equipment at an appropriate stage.
7. The pre-installation requirements are to be mentioned clearly in the technical bid.

**Terms of Payment:**

1. 20% advance will be paid against confirmation/acceptance of orders.
2. 70% payment will be made after successful installation and commissioning of the Equipment.
3. 10% payment will be made within one month from the date of installation & submission of Performance Guarantee (valid for 12 months). If Performance Bank Guarantee is not submitted, then after one year from the date of installation and commissioning of the Equipment.
4. In case of Import, 100% Payment will be made through Irrevocable Letter of Credit.

**TENDER OPENING DATE & TIME: 03-03-2022, 03.00 pm at NITRA Ghaziabad**

**Email: [mail@nitratextile.org](mailto:mail@nitratextile.org)** (for any query/clarification)

**Phone Nos.: 0120-2807390/91/92/93/94/95**

## TENDER FORM

To,  
**The Chairman**  
**Purchase Committee**  
**NITRA**  
**Sector-23, Raj Nagar**  
**Ghaziabad – 201 002 (U.P.).**

**Sub : Supply of ‘Computer Colour Matching System (Spectrophotometer Dual- beam spectrophotometer illumination source- pulsed xenon’ as per specifications and quantity mentioned in the tender**

Dear Sir,

- a. Having examined the conditions of Tenders / Specifications of the equipment, we, the undersigned, offer to supply equipment as per specifications given in the tender.
- b. We agree to abide by this tender for the period given in Appendix TF from the opening date fixed for receiving the same and it shall remain binding upon us for a mutually extended period agreed in writing by us.
- c. If our tender is accepted, we undertake to supply the Equipment and install the same in Nitra, Ghaziabad mentioned in the tender within the specified periods in Appendix-TF on receipt of written order from the Purchase Committee, NITRA.
- d. If our tender is accepted we will, obtain and arrange:
  1. Transit insurances
  2. Any other statutory obligation, if any, prior of commencement of supply of equipment.
- e. We agree to your right to cancel the order or stop payment without prejudice to any other right or remedy for the following failures on our part.
  1. Changes to tender are made within Validity Period as specified in Appendix-TF.
  2. Supply and installation of equipment is not commenced within specified period as given in Appendix-TF.
  3. Obligations under (e) above are not fulfilled.
- f. Unless and until a formal agreement/purchase order is prepared and executed, this tender together with your written acceptance thereof, shall constitute a binding contract between us.
- g. We understand that you are not bound to accept the lowest or any tender you may receive.
- h. We agree to make a presentation of the products to be supplied by us, before the Purchase Sub-Committee on the date specified by it.
- i. Fluctuation in foreign exchange rates in respect of the imported equipment shall be borne by the equipment suppliers / authorized Agents.
- j. We hereby declare that the rates quoted by us are the lowest rates.
- k. In case of Imported Items, Please quote Free On Board value (at nearest foreign Airport/ Sea port) & Also quote separately CIP charges up to IGI Airport, New Delhi or ICD Patparganj / Tughlakabad, Delhi (whatever applicable). Also specify compulsorily the packing dimension, Nos. of Box / Cartoon & gross weight of each Box/Carton (Packing list). Please specify the name of the port & Country, from where the goods will be dispatched.

Authorized Signatory

to tenderer

Signature dated

Designation / Capacity

Name

Address

WITNESS 1

Signature

ADDRESS

Name

DATE

WITNESS 2

Signature

ADDRESS

Name

DATE

## APPENDIX - TF

Sr. No.	Particulars	Remarks
1	Validity of Tender	180 days
2	Address, date and time of submission of the Tender Documents.	<b>The Chairman, Purchase Committee, NITRA, Sector-23, Raj Nagar, Ghaziabad, U.P.- 201002, India.</b> <b>(03-03-2022 up to 12.00 PM)</b>
3	Supply, installation and commissioning of the equipment etc.	Within 3 months from the date of placement of order or advance paid failing which order may be cancelled.
4	Period of warranty / performance guarantee of Equipment.	3 Years
5	Submission of the Programme for delivery.	Within 21 days from the date of the acceptance of the order placed.

**SEAL AND SIGNATURE OF TENDERER**

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