**ODISHA UNIVERSITY OF TECHNOLOGY AND RESEARCH**

**(Formerly College of Engineering & Technology, Bhubaneswar)**

**Techno Campus,Ghatikia, P.O.-MahalaxmiVihar**

**BHUBANESWAR-751029 ODISHA, INDIA**

**Tender Notice No.3533/TE/OUTR Dated: 30.10.2022**

**TENDER CALL NOTICE**

Sealed tenders are invited from Original Equipment Manufacturers (OEM) /Authorized Distributors /Dealers / Registered Firms for supply, installation and commissioning of “**Trinocular Polarizing Microscope”** in the Department of **TEXTILE ENGINEERING** of OUTR, Bhubaneswar in the prescribed format as per the requirements enclosed in the schedule of items given in bid documents. Bid documents with details terms & conditions are to be downloaded from OUTR website “[www.cet.edu.in](http://www.cet.edu.in)”.

The tenders along with the tender cost and EMD as given in bid documents in the sealed envelope should be superscribed with "**Tender for supply, installation and commissioning of Trinocular Polarizing Microscope** at Department of **TEXTILE ENGINEERING**" and should be submitted through Speed Post / Regd. Post only to the OSD, OUTR, PO: MahalaxmiVihar, Bhubaneswar-751029 on or before **21.11.2022at 4:00 P.M**. **No hand/courier delivery will be accepted**. The tenderers must possess valid up-to-date GSTIN /Income tax clearance etc. The authority will not be held responsible for any postal delay. More details are available at our Website: [www.cet.edu.in](http://www.cet.edu.in). The authority reserves the right to accept/reject any or all tenders without assigning any reason thereof. *No correspondence in this regard will be entertained.* The technical bids and financial bids must be submitted separately.

**Sd/-**

**OFFICER ON SPECIAL DUTY**

**BID PARTICULARS AND INSTRUCTIONS OF TENDER NOTICE**

**FOR SUPPLY, INSTALLATION AND COMMISSIONING OF**

**Tender Notice No.3533/TE/OUTR Dated: 30.10.2022**

**“Trinocular Polarizing Microscope”**

**FOR**

**DEPARTMENT OF TEXTILE ENGINEERING**

**ODISHA UNIVERSITY OF TECHNOLOGY AND RESEARCH**

**(Formerly College of Engineering & Technology, Bhubaneswar)**

**Techno Campus,Ghatikia, P.O.-MahalaxmiVihar**

**BHUBANESWAR-751029 ODISHA, INDIA**

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|  |
| --- |
| **ODISHA UNIVERSITY OF TECHNOLOGY AND RESEARCH**  **(Formerly College of Engineering & Technology, Bhubaneswar)**  **Techno Campus,Ghatikia, P.O.-MahalaxmiVihar**  **BHUBANESWAR-751029 ODISHA, INDIA** |

**1.0 TENDER PARTICULARS AND SCHEDULE :**

1. 1.**Last Date of Submission of Bids: 21.11.2022 up to4:00 P.M**

1.2. **Technical Bid Opening Date: 22.11.2022 at4:00 P.M**

1.3. **Price Bid Opening: To be intimated to eligible bidders after evaluation of Technical Bid.**

1.4. **Tender fee (Non-Refundable)**: **Rs. 500/-(**Rupees five hundred only) in the form of a DD/Pay Order favouring **The Principal, College of Engineering and Technology** payable at **Bhubaneswar**.

1.5. **Earnest Money Deposit:** The Bidder shall submit their tender along **with EMD of Rs. 10,000/-**. EMD should be in the form of Demand Draft/Banker’s Cheque/Bank Guarantee favoring:**The Principal, College of Engineering and Technology,**payable at Bhubaneswar. This Bank Guarantee should be valid for Bid Validity period mentioned in **Clause 1 under SECTION** II.

**SECTION I: INVITATION FOR BIDS (IFB)**

Sub: Sealed tenders are invited from Original Equipment Manufacturers (OEM) /Authorized Distributors /Dealers / Registered Firms for supply,installation and commissioning of **“Trinocular Polarizing Microscope”** to the Department of Textile Engineering, OUTR, Techno Campus, MahalaxmiVihar, Bhubaneswar – 751029, Orissa.

**1. 0. Scope of Work & Technical specifications:**

Detailed scope of work and technical Specifications are as per enclosed **Annexure I**

**2.0 Eligibility Criteria for bidders:**

The eligibility criteria for pre-qualification of bidders are as under:

2.1. The bidder should be a registered firm. The bidder should furnish the registration certificate, GSTIN certificate, PAN No. along with the tender paper. Enclose Xerox copyof the supporting documents. In absence of such certificate, the Bid is liable to be rejected.

2.2. The bidder must be a reputed Original Manufacturer and/or the Authorised distributor/ Dealer of a reputed manufacturer. Original Manufacturers should provide all documents relating to their **Manufacturing Capabilities.** If the bidder is an Authorised Distributors/Dealer of a reputed manufacturer, necessary certificate to this effect from his manufacturer must be enclosedfailing which the offer will be summarily rejected.The certificate so furnished should clearly incorporate the firm name and address from where after sales services shall be rendered. In absence of such authorization, the Bid is liable to be rejected.

2.3 All aftersales support should be provided directly by the manufacturer only.

2.4. Thebidder must have the willingness for providing comprehensive maintenance support of the Machine supplied by him.

2.5. Products to be offered should be new, unused and of current design, not declared obsolete or not declared to become obsolete in next 2-years.OEM must not offer any co-branded product (i.e., Product bearing brand shared with other OEM).

2.6The tender(s) should have executed installations of the similar nature work. (Similar nature of work means: **supplyandinstallationsof** “**Trinocular Polarizing Microscope”**shall be treated as similar work). Proofs of the same like PO copies, installation & completion reports, performance certificates, with address & contact details of the reference installation list should be submitted with the bid. In absence of supporting documents, the bid is liable to be rejected.

2.7. The bidder or (principal/ OEM in case bidder is authorized channel partner etc) must have an experience of minimum 05 years or more for Sales, Installation & Service support for execution of projects.

2.9. The bidder should not be black listed in any of the Gov. Organization. Undertaking in this regard must be submitted.

2.10. Before submission of the tender, please verify the eligibility criteria and ensure fulfilling all the terms and conditions.

**3.0. Bid Submission:**

The offer must be submitted in two parts in sealed envelope separately as Part-I (Technical Bid) and Part-II (Price Bid) in separate sealed envelopes. Both the bids shall be enclosed in another sealed envelope superscribed**“Tender for supply, installations of Trinocular Polarizing Microscope** ”in  **Department of Textile Engineering, OUTR,Bhubaneswar”**and the address of the firm should be mentioned in the sender side of the envelope with phone number.

**3.1 Part – I (Technical Bid)** shall contain:

* Technical bid with full details including description of make & model of materials so as to enable technical assessment of the proposal.
* An Undertaking / Authorization certificate as mentioned under Eligibility Criteria.
* **Company Profile (as per PROFORMA I & II) along with all the supporting documents as desired.**
* Non-Refundable Tender cost of Rs. 500/-(Rupees Five hundred only) in the form of DD / Pay Order favouring**Principal, College of Engineering & Technology**, payable at **Bhubaneswar**. (In case the tender document is downloaded from the website). Quotations without Tender Fee shall be rejected.

Refundable Earnest Money Deposit (EMD): The bidder has to submit a Demand Draft/Banker’s Cheque/Pay Order/Bank Guarantee towards EMD amounting to Rs. 10,000/-in favour of **Principal, College of Engineering and Technology** payable at Bhubaneswar in any Nationalised Bank towards EMD. **Without EMD, the tender will not be considered**.

* The warranty services are required at OUTR, Ghatikia, Bhubaneswar. A certificate of warranty as specified in the technical specification should be provided by the OEM in original.
* The detailed technical specifications with Make & Model, Compliance Statement must be as per the technical specifications (as per Annexure-I) which needs to be supported by relevant product brochure etc. Without proper Compliance Statement the bid is liable to be rejected.
* Acceptance to the terms and conditions laid down in the tender document. Any deviation in the general terms and condition will lead to the rejection of the bid.
* All the documents submitted must be in the papers showing signature of the tenderer and printed office name of the tenderer on official seal.
* All the documents must be submitted in a sequential manner with separator/flags to help in quick scanning of the topics. Wherever possible, data in tabular form should be given.

**If the technical offer contains any price information, the offer will be summarily rejected.**

**3.2 Part –II (Price Bid)** should contain Only Price Details in the prescribed format as per **Annexure-II** with proper seal and signature of authorized person. Prices should be given in INR in both figures and words.

#### The sealed cover containing tender documents as per procedure indicated above should be submitted by Registered Post/Speed Post addressing to the OSD, Odisha University of Technology and Research Techno-campus,MahaLaxmiVihar, Bhubaneswar-751029within the due date and time as stipulated in Tender Call Notice. The University is not responsible for postal delay. The sealed envelope must show the name of the tenderer and his address and should be super scribed as “Tender for supply, installations of Trinocular Polarizing Microscope”in Department of Textile Engineering, OUTR, Bhubaneswar on the top of the envelope.

**4.0. Opening of Technical & Price Bid**

Only the technical bids will be opened on the aforesaid date and time. Interested bidders may attend the technical bid opening as per the schedule date and time.

**SECTION II: INSTRUCTION TO BIDDERS:**

1. **Bid Validity**

Bids shall be valid for minimum 120 Days from the date of opening of technical bid. A bid valid for a shorter period shall not be considered. OUTR-Bhubaneswar may ask bidders to extend the period of validity.

1. **Delivery & Installation:**

The complete delivery and installation as per our present requirement must be completed at Laboratory of Dept. of Textile Engineering, OUTR, Techno Campus, Ghatikia within 120 days **from the date of P.O.** to meet the time lines. **The supplier must bear the charges of transportation, insurance, loading and unloading.** However, separate order may be placed for additional quantities on the same rates on “As and When Required” basis within the Bid Validity period as above. OUTR-Bhubaneswar reserves the right to increase or decrease the Bill of material as per the requirement without any change in the rates quoted. **The supplier should provide all necessary raw materials, accessories during installation and training. At least two of our lab staff should be trained at least for 2 days about operation and maintenance during the installation process**.

**3.0. Product Specifications & Compliance Statement**

The bidder should quote the products strictly as per the tender specifications and only of desired / preferred brands. Complete technical details along with brand, specification, technical literature etc. highlighting the specifications must be supplied along with the technical bid. The compliance statements should be supported by authentic documents**. Each page of the bid and cuttings / corrections shall be duly signed and stamped by the authorized signatory. Failure to comply with this requirement may result in the bid being rejected.**

**4.0.** In case of any discrepancy between rates mentioned in figures and words, the later shall prevail. If there is a discrepancy between the unit price and the total price that is obtained by multiplying the unit price and quantity, the unit price shall prevail and the total price shall be corrected.

**5.0.** Materials must be properly packed against any damage and insured up to the destination. The material should be directly supplied to Department of Department of Textile Engineering, OUTR, Ghatikia, Bhubaneswar. All the expenses involved in transportation of the equipment to OUTR, Bhubaneswar shall be borne by the Bidder. All aspects of safe delivery shall be the responsibility of the Bidder. OUTR-Bhubaneswar will have the right to reject the components / equipment as a whole supplied, if it does not comply with the specifications at any point of installation/inspection.

**6.0.** OUTR-Bhubaneswar reserves the right to divide / split the order between more than one technically qualified bidder to meet the **Technical Requirements and Delivery Schedule.**

**7.0.** Earnest Money is liable to be forfeited and bid is liable to be rejected, if the bidder withdraw or amends, impairs or derogates from the tender in any respect within the validity period of the tender.

**8.0.**The Earnest Money of all the unsuccessful bidders shall be returned as early as possible but within the Bid Validity period but not before 30 days from the date of Purchase Order. No interest will be payable by OUTR on the Earnest Money Deposit. The Earnest Money of successful bidder shall be returned after successful performance of the equipment.

**9.0.**If any component / part thereof is lost or rendered defective during transit, the supplier shall immediately arrange for the supply of the software and hardware or part thereof, as the case may be at no extra cost.

**10.0.** The rates should be quoted in Indian Rupees for delivery at the Site **BOTH IN FIGURES & WORDS.** All prices shall be fixed and shall not be subject to escalation of any description during the bid validity period.

**11.0. Price quoted should be FOR OUTR, Bhubaneswar only.**

**The price should be inclusive of all taxes strictly as per the format of Annexure-II. However the bidder may give details of tax components like basic price, GST separately in the price bid in Annexure II. The offers which are not as per the format will be rejected.**

**12.0. OUTR**, Bhubaneswar reserves the right to accept / reject the offers or cancel the whole tender proceedings without assigning any reason whatsoever. Offers through Email / Fax, etc and open offers shall not be accepted. Late / Delayed offers shall not be accepted under any circumstances. Incomplete offers shall be rejected outright. In case the specified date for the submission of offers being declared as a holiday for OUTR-Bhubaneswar, the bid-closing deadline shall stand extended to the next working day up to the same time.

**13.0** Any attempt of negotiation direct or indirect on the part of the Tenderer with the authority to whom he has submitted the tender or authority who is competent finally to accept it after he has submitted his tender or any endeavour to secure any interest for an actual or prospective bidder or to influence by any means the acceptance of a particular tender will render the tender liable to be rejected.

**14.0.** The prospective bidders requiring any clarification about the contents detailed in the tender document may notify to OUTR -Bhubaneswar in writing at OUTR’s address. Clarifications received till 72 hours before the closing date / time of receipt of bids will be responded.

**16.0. Unsatisfactory Performance**

The Parties herein agree that OUTR -Bhubaneswar shall have the sole and discretionary right to assess the performance(s) of the Bidder components(s), either primary and or final, and OUTR -Bhubaneswar, without any liability what so ever, either direct or indirect, may reject the system(s) component(s) provided by the Bidder, in part or in its entirety, without any explanation to the Bidder, if found unsatisfactory and not up to level of the acceptance of OUTR -Bhubaneswar.

**17.0. Penalty:**

If the delivery, installation and commissioning is not carried out in time as specified in other part of the tender document, the tenderer/manufacturer will be charged @ 1 % (one per cent) per week of the total value of the concerned machine / equipment.

**18. Discount:**

Our Institute is a pioneer Institution in the field of Teaching and Research in Engineering and allied disciplines and do not run with profit motive.

As such we are availing price discount for purchase of equipment/instruments.

The rate of discount or any other Institutional benefit arising out of Govt. Policy etc., on each item may also be indicated in the bid specifically.

**19.0. Disclaimer**

This Tender is not an offer by OUTR -Bhubaneswar, but an invitation for bidder’s response. No contractual obligation whatsoever shall arise from the tender process.

**20.0. Solving Disputes:**

The Institution & the Tenderer shall make all efforts to resolve amicably by direct informal negotiation on any disagreement or dispute arising between them under or in connection with this contract.

All disputes arising out of the contract shall be referred to courts under the jurisdiction of the Bhubaneswar court only.

***The above terms and conditions except those otherwise agreed upon shall form a part of the Purchase Order.***

***Sign on each page of this tender document and Return it along with the offer enclosing this part together with the Technical Offer.***

***\*\* \* The OUTR authority has all rights to accept / reject any tender without assigning any reasons there of.***

**SIGNATURE OF THE BIDDER WITH STAMP**

**SECTION III: SPECIAL CONDITIONS OF CONTRACT:**

**1.0. Price Basis**

Price quoted should be in the prescribed format as per Annexure-II. The quoted price will be considered firm and no price escalation will be permitted during the bid validity period.

**2.0. Billing:**

Billing is to be made in the name of **The Principal, Collegeof Engineering and Technology, Techno Campus, Mahalaxmivihar,Bhubaneswar-751029.** The payment would be on the basis of the actual bill of material supplied and duly certified by concerned authority of OUTR.

1. **Payment**

100% of invoice value after successful Supply, installation commissioningat Department of Textile Engineering, College of Engineering and Technology, Bhubaneswar and submission of invoice.

**4. Warranty**

The equipment should cover a comprehensive minimum warranty for 3 year from date of installation.

**SECTION IV: Technical Specifications:**

The list of item with their technical specifications (minimum) is as follows:

|  |  |  |  |
| --- | --- | --- | --- |
| **Sl. No.** | **Items** | **Quantity** | **Specification** |
|  | **Trinocular Polarizing Microscope** | 01 No | **Trinocular Polarizing Microscope (400X) with 12 Mega pixels high resolution digital color camera &documentation system**  ***1. Microscope stand and Stage***  360⁰ rotatable with ball bearing and clampable, Diameter 160 mm or greater,with 2 verniers 0.1°. Attachable XY-mechanical stage with clamp for glass slide  ***2. Eyepiece***  10x focusable, Field of View / Field Number: 22 or more, Crosshair on eyepiece with micrometer scale, Crosshair orientation should be maintained independent of Inter-pupillary distance (IPD) adjustment, Diopter adjustment in both eyepieces.  ***3. Eyepiece tube***  Trinocular tube, Beam splitter for light distribution between eyepiece and camera. The object under the microscope must be visible through the eyepiece and camera simultaneously.  ***4. Nosepiece and objective***  5-position nosepiece (preferably encoded or Software prompted mechanism for error free scaling) with built-in centrable feature for all positions, POL/P antifungus objective lens: 5x/0.12, 10x/0.25, 20x/0.4 and 40x/0.65  ***5. Coarse/Fine focusing***  Co-axial coarse and fine focusing control, Fine focus with 2 µm scale for precise and accurate focus, Course with 14 mm or more per turn for fast and easy focus, Focus / Stage stroke 25 mm or more, Height adjustment, Focus stop and torque adjustment  ***6. Illumination (transmitted)***  Kohler illumination with adjustable field and aperture diaphragms, White light with high intensity light LED 15W or more 12V 100W or more halogen light source, Continuous and variableintensity adjustment with constant color temperature.  ***7. Condenser lens***  Achromatic-aplanatic universal condenser 0.9 Pol with switchable front lens allowing lowest objective magnification 1.25x to 100x, Polarizer for transmitted light and slot for compensators.  ***8. Digital camera***  Digital CMOS/CCD camera, Image size: 12.0 mega pixels or more, Speed: up to 15 FPS, C-mount adapter for maximum field of view, USB 2 or 3 connectivity for PC with necessary cable and interface.  ***9. Imaging software***   1. Basic Image acquisition, HDR acquisition, Imaging parameter recall, Basic image processing tools (crop, resize, sharpening, color adjustment, background filter, median, blur), Basic annotation and measurement, Visual comparison view ,Customizable user interface layout, Documentation reports (customizable, example templates should be included), Measurement & analysis reports (customizable, example templates should be included)   ***10. Accessories:***  Lambda plate for nosepiece compensator slot, Rotatable analyzer 180/360° with scale, Dust cover, Power cord  ***11. Documentation System***  Computer System with Intel i7 Processor, RAM- 8GB or higher, HDD- 1 TB, Ext. Graphics-2GB or higher, DVD ROM, Win 10 Professional – 64 bit; MS Office and Full HD Monitor- 27" from a reputed brand (Dell/HP) and 0.6 KVA UPS. |

**This equipment will be installed at the lab of the Department of Textile Engineering. OUTR, Bhubaneswar. The bid will be considered on turnkey basis i.e. cost of all items, packing, freight, loading, unloading at our site, insurance, installations and testing together.**

**Annexure-I:**

**Technical Bid**

**PRE-QUALIFICATION/ELIGIBILITY**

**PROFORMA-I**

**PARTICULARS OF THE BIDDERS TO BE FURNISHED IN TECHNICAL BID FOR THE PURPOSE OF PRE-QUALIFICATION:**

|  |  |  |
| --- | --- | --- |
| 1 | Name of Organization/Firm/Company |  |
| 2 | Address & Telephone Number |  |
| 3 | Year of establishment |  |
| 4 | Status of the Firm  (Company/Firm/Proprietary) enclose the supporting document |  |
| 5 | Whether registered with the registrar of companies/registrar of firms. If so attach the copy of certificate. |  |
| 6 | a)Name& Mobile Number of Directors/Partners/Proprietor | i)  ii)  iii) |
| 7 | Whether registered GST If so, mention number& date. Furnish also copies of GSTIN registration certificate Mention the GSTIN No. enclose the relevant copies with clearance certificates |  |
| 8 | Whether an assesses of income tax? If so, mention permanent account number. Furnish copy of PAN |  |
| 9 | State Annual turnover of the company.  Furnish copies of audited balance sheet & profit & loss account certified by CA. |  |
| 10 | Specify the specification with brand of testing software and hardwaresalong with authorization of OEM/Principal, if required. |  |
| 11 | Status and details of disputes/Litigation/Arbitration, if any. | i)  ii)  iii) |

I certify that I meet the eligibility criteria described in section 2 of the technical bid.

Place:

Date: Name, Signature & Seal of Bidder:

**PRE-QUALIFICATION**

**PROFORMA-II**

**PARTICULAR IN RESPECT OF 3 MAJOR SUPPLIES IN LAST 3 YEARS**

**(TO BE FURNISHED IN TECHNICAL BID)**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| SL.  No. | Name of Machine/ | Model | Name and address of owner with Email address and mobile number | Value | Date of Installations. | Stipulated time of completion | Actual time of completion |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |

**NB: Copies of Work Order / P.O., Completion certificate, Performance certificate must be attached.**

Place:

Date: Signature of vendor

**Annexure-II**

(in the letter head of the bidder)

**PRICE BID**

1. Name of the Firm :

2. Official Address :

3. Contact person with designation :

4. Contact Info: e-mail & Mobile no. :

5. Tax Clearance up to last F.Y :

6. **GST**IN/PAN :

7. The cost should be mentioned in **INR** inclusive of supply installations and testing of these items :

**IMP: (i)** The equipment must be of as per the specifications.

(ii) Price bid will not be considered for any particular item if make of it is not mentioned.

(iii) Quantity required are approximate which may change during finalization.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Sl. No.** | **Name of the items with technical specifications** | **Qty Reqd.**  **(approx.)** | **Make & catalogue number** | **Detail technical specifications** | **Rate per unit item in Rs.** | **GST @**  **Per unit item in Rs.** | **Total amount in Rs.** |
| 1 | Trinocular Polarizing Microscope (400X) with 12 Mega pixels high resolution digital color camera & documentation system | 1nos |  |  |  |  |  |

**TOTAL =**

Date:

Place: Signature of the authorized person & seal