

**Office of the Dean Research and Development
Indian Institute of Engineering Science & Technology (IEST), Shibpur
Howrah-711 103**

Project Code: DRC/MOT/SMSE/SC/027/16-17

**Ref.: Tender Advt. No. SMS 1247, published in "The Statesman (All Edition)", dated
01.05.2017**

**M.N. Dastur School of Materials Science and Engineering
Indian Institute of Engineering Science & Technology (IEST), Shibpur
Howrah-711 103**

Tender Notice No.: e-Proc/DEANRES_01052017 /UTMA_IEST/14, Dated: 01/05/2017

Complete quotations are invited for the supply of items listed below as per specification mentioned. The quotation should include the delivery charges of the items to Indian Institute of Engineering Science & Technology, Shibpur, and should mention a firm delivery period in E-Procurement Mode.

| 1. Important Information: | | |
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| Location of Work: | Indian Institute of Engineering Science and Technology, Shibpur, Post: Botanic Garden, Howrah: 711103 | |
| Name of Work/item: | Supply and installation of " Universal Testing Machine and accessories " | |
| Estimated value of the work: | INR 400000/- | |
| Completion of Work: | Within 04-06 weeks from the placement of Purchase Order | |
| To qualify for award of the work, each bidder in its name should have: | Valid license for supplying and installing the same equipment with at least three orders in last two financial years and work completion certificate | |
| Earnest Money Deposit | 2% of the estimated cost in favour of "The Registrar, IEST, Shibpur" payable at Kolkata . | |
| Date of publishing tender | 01/05/2017 | |
| Last Date of Submission of Bid | 22/05/2017 upto 18.00 PM IST | |
| Bids shall be submitted to: | E-procurement cell, IEST, Shibpur (http://eprocure.gov.in/eprocure/app) | |
| Date of Opening of Technical Bid | 24/05/2017 at 11.30AM IST | |
| Date of Opening of Financial Bid | To be notified later (Only those bidders who will qualify for bidding on the basis of the information furnished in Technical Bid may participate in financial bid) | |
| Clarification needed on Bidding Documents may be inquired to | Prof. Subrata Chatterjee, Head, Dr. M. N. Dastur School of Materials Science & Engineering or Asst. Prof. Prosenjit Saha, Dr. M. N. Dastur School of Materials Science and Engineering | |
| Officer Inviting Bid: | The DEAN Administrative Affairs, IEST, Shibpur | |
| Validity | A minimum period of 180 days from the date of the opening of tender | |

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(A. Code DRC-T014/17-18)

| 2. Technical bid shall consist of the following Information and scanned supporting documents towards: | |
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| i | Name of the firm: |
| ii | Address of the Registered Office |
| iii | Contact Phone No |
| iv | Contact E-mail address: |
| v | Constitution or legal status of Bidder |
| vi | Place of registration: |
| vii | Principal place of business: |
| viii | PAN and VAT |
| ix | Valid Trade License |
| x | Authorization letter (in case of dealer) |
| xi | Satisfactory completion of similar work/s to qualify for award |
| xii | IT clearance certificate for last three years |
| xiii | List of clients |
| xiv | ISO 9001:2008 for quoted item. |
| xv | Earnest Money Deposit |

| 3. Technical specification of the equipments: | | | | |
|--|--|-------------|---------------------------|------------------------|
| S.L No. | Description of work/item | Qty. | Unit Rate (in INR) | Amount (in INR) |
| 1 | <p>Universal Testing Machine and accessories</p> <ul style="list-style-type: none"> ➤ Twin column precision ball screw driven Electromechanical Servo controlled computerized Universal testing machine for precision analysis of composite, Jute, Fabric, FRP material of different diameters and thickness. ➤ Capacity of the load frame of the machine: 10kN. Load frame should be compatible to any sorts of grip and any capacity of load cell which is equal or less than capacity of machine. ➤ Load cell: 10kN and 200N ➤ Resolution: 20,000 counts full scale. ➤ Accuracy of load cell: Class 1 ➤ Resolution of displacement: 0.+01mm ➤ Speed of test: 1-1000mm/min ➤ Speed division: 0.01 mm/min ➤ Tensile test space upto 900mm ➤ Coloumn clearence 380mm ➤ Tensile testing attachment: Suitable grip for testing of jute, fabric, fiber, FRP and composite flat and round samples ➤ Compression attachment: Compression platen of 100mm dia ➤ Bend test attachment: 3point attachment for flexural/bend test. ➤ Software: Comprehensive software for analysis and user friendly operation for tensile, compression and bend test. Provision for Desktop Computer interface must be provided. However Institute should provide the computer. Minimum configuration of computer need to be confirmed by the bidder. ➤ Commissioning, demonstration and NABL calibration: Bidder should be well trained and thorough the machine operation and troubleshooting. ➤ NABL calibration should be done by the supplier. ➤ Supplier should have service facility in West Bengal | 1No | | |

4. Terms and conditions:

| Sl. No. | Specifications |
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| 1. | <p>Due date: The tender has to be submitted on-line before the stipulated date & time. The offers received after the due date and time will not be considered. No manual bids will be considered.</p> |
| 2. | <p>Preparation of Bids: The offer/bid should be submitted in two bid systems (i.e.) Technical bid and financial bid. The technical bid should consist of all technical details along with commercial terms and conditions. In case of Financial bid, Price quoted should be mentioned inclusive of all taxes, duties, levies, training charges, insurance charges, freight charges, packing and forwarding, transportation charges and any other installation charges in the given format of BOQ. Financial Bids(BOQ) to be submitted in PDF format (less than 2 MB). The Technical bid and the financial bid (BOQ) should be submitted Online.</p> |
| 3. | <p>EMD: The tenderer/bidder should submit an EMD amount through demand draft in favor of “Registrar, IEST, Shibpur” payable at Kolkata The Technical Bid without EMD would be considered as UNRESPONSIVE and will not be accepted. The EMD will be refunded without any interest to the unsuccessful bidders after the award of contract. The demand draft for EMD must be submitted to the office of the Dean Administrative affairs before stipulated last date of online submission of tender. Scanned copy of DD must be uploaded to the CPP portal.</p> <p>This EMD should be submitted in sealed envelope super-scribed as EMD & NIT No. “.....”. The bidders should enclose a pre-receipted bill for the EMD to enable us to return the EMD of unsuccessful bidders. Failure to deposit Earnest Money will lead to rejection of tender. In the event of the successful bidder backing out, EMD of that bidder will be forfeited.</p> |
| 4. | <p>Refund of EMD: The EMD will be returned to unsuccessful Tenderer/Bidder only after the Tenders are finalized. In case of successful Tenderer, it will be transferred as security deposit.</p> <p>EMD Exemption: The Institute may accept bids without EMD from those bidders who are registered with the Central Purchase Organization, National Small Industries Corporation (NSIC) or the concerned Ministry or Department as Manufacturer. To claim the exemption, the bidder must be offering goods manufactured by them. Submission of EMD exemption certificate is mandatory. Exemption will not be granted in case the bidder is acting as an agent for some other vendor. In this case, EMD exemption certificate must be submitted online.</p> |
| 5. | <p>Prices: All rates quoted for the equipment/instrument should be inclusive of all taxes, levies and duties. Request for inclusion of any tax/levy at later stage will not be</p> |

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| | entertained. IEST is exempted from payment of Excise Duty and is eligible for concessional rate of custom duty. Necessary certificate will be issued on demand. |
| 6. | Acceptance/ Rejection of bids: The Committee reserves the right to reject any or all offers without assigning any reason. |
| 7. | Qualifying criteria: (i) Bidders should submit all related documents ensuring the compliance of technical and other requirements as given in Table 2 and 3. |
| 8. | <p>i) SELECTION WILL BE MADE PURELY ON ESSENTIAL TECHNICAL DOCUMENTS. The IESTS authority will evaluate and compare the quotations (the gross amount i.e. inclusive of all taxes, other charges etc.) determined to be substantially responsive i.e. which- (a) meet the qualification criteria specified in the tender, (b) Are properly signed, and (C) Conform to the terms and conditions, specifications without deviations.</p> <p>ii) Only one best quality item (according to our specification) should be quoted against each item. On no account should different qualities e.g. A, B, & C of items be quoted. Those items that have been quoted as per different qualities (In contravention to the specifications) will not be considered at all and will be summarily rejected.</p> <p>iii)Based on our specifications, image/drawing of item to be provided and Model Name/No. (if applicable) and Brand must be clearly mentioned in the quotation, without which quotation will not be considered.</p> |
| 9. | Delayed delivery: If the delivery is not made within the due date for any reason, the Committee will have the right to impose penalty 1% per week and the maximum deduction is 10% of the contract value / price. |
| 10. | Notices: For the purpose of all notices, the following shall be the address of the Purchaser and Supplier. Purchaser: Prof. S Chatterjee Dr. M N Dastur School of Material Science and Engineering Indian Institute of Engineering Science and Technology, Shibpur P.O-Botanic Garden, Howrah-711 103. Mobile No. +91-9433089861 (Only during working hrs.) |
| 11. | Installation, Training & Demonstration The supplier is required to done the installation and demonstration of the equipment within 15 DAYS of the arrival of materials at the IEST site of installation, otherwise the penalty clause will be the same as per the supply of materials. The Supplier is required to provide training to the designated Purchaser's technical and end user personnel to enable them to effectively operate the total equipment immediately after the installation of the equipment. In case of any miss happening/damage to equipment and supplies during the carriage of supplies from the origin of equipment to the installation site, the supplier has to replace it with new equipment/supplies immediately at his own risk. Supplier will settle his claim with the insurance company as per his convenience. IEST will not be liable to any type of losses in any form. |

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| 12. | <p>Warranty:</p> <p>(i) Warranty period shall be from date of installation of Goods/machine at the IEST site of installation. The Supplier shall, in addition, comply with the performance and/or consumption guarantees specified under the contract.</p> <p>(ii) Bidder shall be responsible for installation / demonstration wherever applicable and for after sales service during the warranty and thereafter. The items covered by the schedule of requirement shall carry minimum three years comprehensive warranty from the date of acceptance of the equipments by IEST-Shibpur.</p> <p>Warranty shall include free maintenance of the whole equipment supplied including free replacement of parts. The defects, if any, shall be attended to on immediate basis but in no case any defect should prolong for more than 48 hours. The comprehensive warranty includes onsite warranty with parts.</p> <p>The defects, if any, during the guarantee/warranty period are to be rectified free of charge by arranging free replacement wherever necessary. This includes cost, insurance, freight, custom duty, octroi, local taxes if any should be borne by the beneficiary or his agent. A clear confirmation should be given for this item.</p> <p>The bidder should assure the supply of spare parts after warranty is over for maintenance of the equipment supplied if and when required for a period of 10 years from the date of supply of equipment on payment on approved price list basis.</p> <p>The equipment must be supported by a Service Centre manned by the principal vendor's technical support engineers. The support through this Centre must be available 24 hours in a day, seven days a week and 365 days a year. Also it should be possible to contract the Principal's vendor support Centre on a toll free number/web/mail.</p> <p>The vendor will have to arrange for all the testing equipment & tools required for installation, testing & maintenance etc.</p> <p>(iii) The warranty period should be clearly mentioned. The maintenance charges (AMC) under different schemes after the expiry of the warranty should also be mentioned. The comprehensive warranty will commence from the date of the satisfactory installation/commissioning of the equipment against the defect of any manufacturing, workmanship and poor quality of the components.</p> |
| 13. | <p>Payment:</p> <p>i) Bills in Triplicate should be presented for payment within 15 days of supply/completion of work.</p> <p>ii) The Order no. is to be noted on both challan and Bill.</p> <p>iii) All bills are to be accompanied by order copies and challans as received.</p> <p>iv) Payment will be made within 60 days of Submission of proper bills; challans etc. by A/c payee cheque or NEFT, no cash payment or advanced payment will be made under any circumstances.</p> |
| 14. | <p>User list: Brochure detailing technical specifications and performance, list of industrial and educational establishments where the items enquired have been supplied must be provided.</p> <p>The bidder must attach three Purchase Order copies for Supply & Installation of above similar equipment during the last 02 financial years in Central Government/Central Autonomous Body/Central PSU/State Government or Autonomous/Reputed Private</p> |

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| | Research Centres (in Nos. and Value). |
| 15. | <p>Manuals and Drawings</p> <p>(i) Before the goods and equipment are taken over by the Purchaser, the Supplier shall supply operation and maintenance manuals. These shall be in such details as will enable the Purchaser to operate, maintain, adjust and repair all parts of the works as stated in the specifications.</p> <p>(ii) The Manuals shall be in the ruling language (English) in such form and numbers as stated in the contract.</p> |
| 16. | <p>Application Specialist: The Tenderer should mention in the Techno-Commercial bid the availability and names of Application Specialist and Service Engineers in the nearest regional office within West Bengal.</p> |
| 17. | <p>Defective Equipment: If any of the equipment supplied by the Tenderer is found to be substandard, refurbished, un-merchantable or not in accordance with the description/specification or otherwise faulty, the committee will have the right to reject the equipment or its part. The prices of such equipment shall be refunded by the Tenderer with 18% interest if such payments for such equipment have already been made. All damaged or unapproved goods shall be returned at suppliers cost and risk and the incidental expenses incurred thereon shall be recovered from the supplier. Defective part in equipment, if found before installation and/or during warranty period, shall be replaced within 45 days on receipt of the intimation from this office at the cost and risk of supplier including all other charges. In case supplier fails to replace above item as per above terms and conditions, IEST, Shibpur may consider "Banning/Blacklisting" the supplier.</p> |

I/We accept the above terms and conditions

Signature of the Bidders with date and seal

Sd/-

Dean, Administrative Affairs,
IEST Shibpur

***** For download and submission of tender please visit:**

<https://eprocure.gov.in/eprocure/app>