

NIT (Notice inviting Tender)

E-Tender Notice

NIT :	No IIHT/UG/23/2017-4 weaving Retender
Announcement Date :	11.07.2017
Description :	<u>Supplying and installation of laboratory model weaving and testing Equipments and Machineries</u>
Title :	Tender For Quotation
Stage:	Two stage, Technical bid and price Bid
Region:	Salem Tamilnadu
Estimated cost :	Rs: 25 Lakhs
EMD :	Rs. 50000
Tender Closing Date and Time:	31/07/2017, 11:30 HRS
Tender Opening Date and Time :	31/07/2017, 12:00 HRS
NIT Hosted by :	ijht.tnslm@nic.in

NOTE:

The offer is to be submitted online only. Manual /postal/fax/email offer will not be accepted. For participating e-tender enrollment in www.tenderwizard.com/IIHT is mandatory. Tender processing fee is mandatory for all suppliers and no exemption is allowed under any circumstances. Tender processing fee should be paid by online payment during submission and no other payments will be accepted. For further assistance, please contact 080-40482000 011-49424365 or 8098469169, 9894191904, 9962676264,.

NOTICE INVITING TENDER (NIT)
TENDER DOCUMENT

(No IIHT/UG/23/2016/weaving) Re-tender

Subject: Tender for Procurement of **Supplying and installation of laboratory model weaving and testing Equipments and Machineries**

Section I

INFORMATION AND INSTRUCTIONS FOR SUPPLIERS FOR e-TENDERING
FORMING PART OF NIT AND TO BE POSTED ON WEBSITE

(Applicable for inviting open bids)

The Director, Indian Institute of Handloom technology Salem on behalf of president of India invites online rate bids from approved and eligible Suppliers for the following work(s):

NIT NO:	No IIHT/UG/23/2017-4 weaving Retender
Date :	11/07 /2017
Description :	<u>Supplying and installation of laboratory model weaving and testing Equipments and Machineries</u>
Stage:	Two stage, Technical bid and price Bid
Place:	IIHT, Foulkes Compound, Thillai Nagar, Salem Tamilnadu- 636001
Estimated cost :	Rs. 2500000
Earnest Money Deposit :	Rs. 50000
Pre bid Meeting Date and Time	21/07/2017, 11:00 HRS
Last Date and Time for submission of hard copies of EMD by all bidders	31/07 /2017, 10:30 HRS
Last Date and Time for online submission of bid, scanned EMD, copy of receipt for deposition of original EMD and other documents	31/ 07/2017, 11:30 HRS
Time and date of opening of technical bid	31/07 /2017, 12:00 HRS
Time and date of opening of online Financial bid	31/07 /2017, 16:00 HRS
Last date & time of submission of hard copies of Registration Certificates, Affidavit, Undertaking and other Documents to Office by the Lowest Tenderer Only	To be submitted during office hours within 7 days from the date of opening of Financial Bid. In case the last day happens to be closed holiday, these documents shall be submitted on the next working day

1. The intending bidder must read the terms and conditions carefully. The bidder should only submit the bid if the bidder considers eligible and in possession of all the documents required.

2. Information and Instructions for bidders posted on website shall form part of bid document.

3. The bid document consisting of specifications, quantities of various items to be supplied and the set of terms and conditions of the tender to be complied with and other necessary documents can be seen and downloaded from website www.tenderwizard.com/IIHTS or www.handlooms.nic.in at free of cost.

4. But the bid can only be submitted after deposition of original EMD in the office of IIHT Salem within the period of bid submission. (EMD receipt document shall only be issued from IIHT salem after receipt of same) and uploading the mandatory scanned documents such as Demand Draft/Pay Order/Bankers Cheque/Deposit at Call receipt / Fixed deposit receipts and Bank Guarantee of any schedule bank towards EMD in favour of The Director, IIHT salem as mentioned in NIT.

- **e-Tender Processing Fee Rs.2950/- if registration with tender processing fee is continued**, shall be payable to M/s. KEONICS through their e-gateway by credit /debit card, internet banking or RTGS/NEFT facility.

5. The EMD can be paid in the form of Demand Draft or Pay Order or Banker's Cheque or Fixed Deposit Receipts (**drawn in favour of THE DIRECTOR, IIHT SALEM shall be scanned and uploaded to the e-Tendering website within the period of bid.** The original EMD should be deposited in the office of The Director, IIHT salem, within the period of bid submission. After receipt of EMD, the office of The Director, IIHT salem will issue a receipt of deposition of Earnest Money to the bidder in a prescribed format.

The receipt shall also be uploaded in the e-tendering website by the intending bidder upto the specified bid submission date and time.

A part of earnest money is acceptable in the form of bank guarantee also. In such case, **minimum 50%** of earnest money shall have to be deposited in shape prescribed above, and balance may be deposited in shape of Bank Guarantee of any scheduled bank **having validity for six months or more from the last date of receipt of bids** which is to be scanned and uploaded by the intending bidders. The intending bidder has to fill all the details such as Banker's name, Demand Draft/ Fixed deposit Receipt/ Pay Order/ Banker's Cheque/ Bank Guarantee number, amount and date.

6. Those Tenderer who have not registered on the website mentioned above, are required to get registered before submitting tender document. If needed they can be imparted training on online bidding process as per details available on the website. The intending bidder must have valid class-III digital signature to submit the bid.

7. Contractor must ensure to quote rate of each item. The column meant for quoting rate in figures appears in pink colour and the moment rate is entered, it turns sky blue.

8. **In addition to this, while selecting any of the cells a warning appears that if any cell is left blank the same shall be treated as "0". Therefore, if any cell is left blank and no rate is quoted by the bidder, rate of such item shall be treated as "0" (ZERO).**

However, if a tenderer quotes nil rates against any item in item rate tender or does not quote any percentage above/below on the total amount of the tender or any section/sub head in percentage rate tender, the tender shall be treated as invalid and will not be considered as lowest rate.

9. Tenders with any condition including that of conditional rebates shall be rejected forthwith. Rates of such tenders shall neither be read out, nor entered in tender opening register at the time of opening of financial bid.

10. The rates of each item must be quoted in words as well as in figures. The Contractor has to work out the total amount as well in words and figures both.

11. The department reserves the right to reject any prospective application without assigning any reason and to restrict the list of qualified contractors to any number deemed suitable by it, if too many bids are received satisfying the laid down criterion.

12. The NIT approving authority at the time of receiving the EMD shall fill and issue the following prescribed format:

<p>Receipt of deposition of original EMD (Receipt No..... Date.....)</p> <p>1. Name of Work: 2. NIT No: 3. Estimated Cost: 4. Amount of Earnest Money Deposit 5. Last date of submission of bid:</p> <p>1. Name of Tenderer: _____ # 2. Form of EMD: _____ # 3. Amount of Earnest Money Deposit: _____ # 4. Date of submission of EMD: _____ #</p> <p>Signature, Name and Designation of EMD receiving officer alongwith Office stamp. (# To be filled by EMD receiving officer of IIHT salem)</p>

List of Documents to be scanned and uploaded within the period of Online bid submission

- a. Certificate of OEM or authorized dealer / supplier of the items.
- b. Copy of the Registration for service Tax.
- c. Copy of the TIN/PAN Card issued by the Income Tax Department.
- d. IT return copy from the FY 2013 – 2014 to FY 2015-2016
- e. Work order for previous three year.
- f. Technical Details of the Goods/Services offered.
- g. Schedule of Delivery.
- h. Warranty Proposal (minimum one year)
- i. Response Sheet for Training.
- j. Technical Literature of the Goods Offered.
- k. Performance certificate for the already supplied items
- l. Demand Draft/Pay order or Banker's cheque /Deposit at call Receipt /bank Guarantee of any Scheduled Bank against EMD
- m. Enlistment Order of the contractor
- n. Certificates of Registration for sales Tax/VAT
- o. An undertaking that "The Certified copy of all the scanned and uploaded documents as specified in the NIT shall be deposited by me / us with The Director, IIHT salem calling the bid in case I / We become the lowest bidder within a week of the opening of financial bid otherwise department may reject the bid and also take action to withdraw my / our enlistment / debar me / us from tendering.
- p. Copy of receipt for deposition for Original EMD issued from The Director, IIHT salem.

Section – II

Eligibility Condition for the Tenderers

1. The Tenderer should be an established, reputed and reliable manufacturer of the items listed in the document or his authorized agent/ distributor. A certificate to this effect shall be enclosed with the tender without which the tender shall be summarily rejected.

2. Annual turnover of the tenderer should not be less than **Rs 25 Lakhs** for each of the last two financial years. i.e. FY 2013-14 to FY 2015-2016. A certificate to this effect duly certified by the Chartered Accountant must be enclosed. IT return for the above period shall be enclosed.

3. The Tenderer should have valid CST/VAT registration with Sales Tax authorities, Payment of Service Tax, VAT and any other tax as Applicable for the last two years (A certificate to this effect must be enclosed)

4. The Tenderer should have TIN/PAN number issued by the Income Tax Department, Commercial Tax Department.

5. Tenderers should have minimum three years of experience in the field of supply, installation of similar goods or services to the Govt/ PSUs / Societies / reputed and large Pvt. Organizations. Work order for last three years along with certificate for successful commission of work must be enclosed with the tender.

6. Atleast 3 machines in each items would have been supplied, installed and should made available for inspection/ verification.

Section –III

Instructions to the Tenderer to fill the Tender.

1. Tender should be valid for 180 days from the opening of financial bids.
2. Each page of the tender shall be **signed by the authorized person** of the firm. A letter of authorization by the firm shall be uploaded along with with the tender.
3. The tender document consisting of specifications of various types of items to be supplied and the set of terms and conditions of the tender to be complied with and other necessary documents except Standard General Conditions
4. After submission of the bid the Tenderer can re-submit revised bid any number of times but before last time and date of submission of tender as notified.
5. While submitting the revised bid, Tenderer can revise the rate of one or more times any number of times (he need not re-enter rate of all the items) but before last time and date of submission of tender as notified.
6. When tenders are invited in three stage system and if it is desired to submit revised financial bid then it shall be mandatory to submit revised financial bid. If not submitted, then the tender submitted earlier shall become invalid.
7. The EMD can be paid in the form of Demand Draft or Pay order or Banker's Cheque or Deposit at Call Receipt or Fixed Deposit Receipt (drawn in favour of The Director, IIHT Salem) shall be scanned and uploaded to the e-tendering website within the period of bid submission. The original EMD should be deposited with The Director, IIHT Salem within the period of bid submission. The EMD receiving officer at IIHT Salem shall issue a receipt of deposition of earnest money deposit to the bidder in a prescribed format.
8. The receipt shall also be uploaded to the e-tendering website by the intending bidder upto the specified bid submission date and time. A part of earnest money is acceptable in the form of bank guarantee also. In such case, minimum 50% of earnest money, whichever is less, shall have to be deposited in shape prescribed above, and balance may be deposited in shape of Bank Guarantee of any schedule bank having validity for six months or more from the last date of receipt of bids which is to be scanned and uploaded by the intending bidders. Copy of Enlistment Order and certificate of work experience other documents as specified in the notice shall be scanned and uploaded to the e-Tendering website within the period of bid submission. However, certified copy of all the scanned and uploaded documents as specified in press notice shall have to be submitted by the lowest bidder only, within a week physically by lowest bidder in the office of tender opening authority. Online bid documents submitted by intending bidders shall be opened only of those bidders, whose Original Earnest Money Deposit uploaded are found in order. Interested bidders, who wish to participate in the bid has also to make following payments with in the period of tender submission: (i) **e-Tender Processing Fee Rs.2950/-, if**

registration with tender processing fee is continued, shall be payable to M/s. KEONICS through their e-gateway by credit /debit card, internet banking or RTGS/NEFT facility. The bid submitted shall be opened at or after on 31/07 /2017, 12:00

The bid submitted shall become invalid and e-Tender processing fee shall not be refunded if:

1. The bidders are found ineligible.
2. The bidder does not deposit Original EMD with the Director, IIHT Salem.
3. The bidder does not upload all the documents (including service tax registration / VAT registration / Sales Tax registration) as stipulated in the bid.
4. If any discrepancy is noticed between the documents as uploaded at the time of submission of bid and hard copies as submitted physically in the office of tender opening authority.

9. The Tenderer whose tender is accepted will be required to furnish performance guarantee of 5% (Five percent) of the tendered amount within one week. This guarantee shall be in the form of cash (in case guarantee amount is less than Rs.5,0000/-) or Deposit at call receipt of any scheduled bank/Bankers cheque of any scheduled bank /Demand Draft of any scheduled bank/Pay order of any scheduled bank or Government Securities or Fixed Deposit Receipts or Guarantee Bonds of any Scheduled Bank in accordance with the prescribed form. In case the contractor fails to deposit the said performance guarantee within the period or the extended period if any, the Earnest Money deposited by the contractor shall be forfeited automatically without any notice to the contractor. **The earnest money deposited along with tender shall be returned after receiving the aforesaid performance guarantee.** The competent authority on behalf of the president of India does not bind him to accept the lowest or any other tender and reserves him itself the authority to reject any or all the tenders received without the assignment of any reason. All tenders in which any of the prescribed condition is not fulfilled or any condition including that of conditional rebate is put forth by the tenderer shall be summarily rejected.

10. Canvassing whether directly or indirectly, in connection with tenderers is strictly prohibited and the tenders submitted by the contractors who resort to canvassing will be liable to rejection.

11. The Agency shall take all Safety Precautions during installation / erection work to avoid any untoward incident, including installation of necessary caution sign boards wherever required. The Agency shall be solely responsible for any untoward incident at the site during installation and demonstration work.

12. The competent authority on behalf of President of India reserves to himself the right of accepting the whole or any part of the tender and the tenderer shall be bound to perform the same at the rate quoted.

13. The tender for the supply shall remain open for acceptance for a period of Thirty **(30) days** from the date of opening of tenders. If any tenderer withdraws his tender before the said period or issue of letter of acceptance, whichever is earlier, or makes any modifications in the terms and conditions of the tender which are not acceptable to the department, then the Government shall without prejudice to any other right or remedy, be at liberty to forfeit 50% of the said earnest money as aforesaid. Further the tenderer shall not be allowed to participate in the retendering process of the work.

14. This notice inviting Tender shall form a part of the contract document. The successful tenderer/contractor, on acceptance of his tender by the Accepting Authority shall within 15 days from the stipulated date of start of the work, sign the contract consisting of:-

a) The Notice Inviting Tender, all the documents including additional conditions, specifications and drawings, if any, forming part of the tender as uploaded at the time of invitation of tender and the rates quoted online at the time of submission of bid and acceptance thereof together with any correspondence leading thereto.

b) Standard specifications are as mentioned.

15. Conditional bid will be treated as non-responsive and will be rejected without consideration.

Financial Bids :

1. Rates for each category of items should be indicated separately in the financial bid. The rates must be quoted on comprehensive basis i.e., inclusive of all taxes, VAT, local octroi, freight & delivery charges, installation charges, training, service charges etc.

2. Tenderer can quote for supply of either one / some or all the machinery/equipment as per his capacity, In other words, it is not necessary that every Tenderer has to quote for all types of equipment. As a result there can be more than one successful Tenderer.

3. Rates quoted in the financial bid shall be treated as final rates and no escalation of rates shall be entertained.

4. Rates shall be valid for one year from the date of opening of the tender.

Section – IV

Bid Evaluation and Award Criteria

1. The bid evaluation shall be done on the basis of total price of each category of machinery/equipment.
2. The Indian Institute of Handloom Technology, Salem hereinafter referred to as Purchaser, shall determine the lowest price of the equipment / machinery in each category and accordingly determine the L1 Bidder for that category of equipment.
3. In case of a Tenderer quotes for more than one item / all the equipment and emerges as the L1 Bidder in more than one/all category of equipment / machinery he shall be eligible for award of supply of more than one/all category of equipment /machinery.
4. The purchase order will be awarded to the successful Tenderer (s) whose bid has been determined to be substantially responsive and has been determined as the lowest bid on the basis of rates and quality.
5. The Purchaser shall not have any binding to accept the lowest or any bid and reserves the right to accept any bid, wholly or in part.
6. The Purchaser shall reserve the right at the time of award of supply order to increase or decrease the quantity of goods and services specified in the Schedule of Requirements without any change in price or other terms and conditions. The purchaser shall also reserve the right to split the award of contract.

Section V

Terms and conditions and scope of work of the tender:

1. The firm should be in a position to supply items mentioned in the tender document at a notice of 10 working days as and when requested by the institute. Similarly Commissioning/ Installation/ Training etc, should also be completed within five working days of the supply of the items/software /service or as per the instructions of the Director, I.I.H.T., Salem.

2. Machinery and equipments shall have to be delivered, installed and have to ensure working conditions at places indicated in the supply order. Necessary accessories should be provided along with the machines to ensure the smooth running of installed machines

3. The items offered should be of good quality / brand and from the original equipment manufacturers.

4. The goods supplied shall be new, having incorporated all recent improvements in design and materials unless provided otherwise in the supply order.

5. The warranty on the goods shall remain valid for minimum of 12 months after the Goods, or any portion thereof as the case may be, have been delivered and commissioned to institute as indicated in the supply order and accepted.

6. The Tenderer shall also arrange to provide user training to Operating staff, senior executives or such other persons nominated by the Purchaser for the training on the equipments.

7. Documents shall be supplied for installation, maintenance, servicing and operation of the equipment. The servicing manual shall cover all the procedures and information necessary for the diagnosis and repair of faulty units or components of the goods.

8. The tenderer shall also ensure all necessary maintenance of the machines/ equipments for next 2 years after the acceptance of the goods on a continuing basis at a reasonable price, at the option of the Purchaser.

9. The Tenderer shall also ensure supply of spare parts for the goods after a period of four years of purchase of items. In case of phasing out or discontinuation of production of any of the spare parts, required for the maintenance of the goods, he will give at least six months' notice prior to such discontinuation to the Purchaser.

Section 6

Specifications of Each Item

Sl. No	Name of the equipments	Quantity required	Specification																				
1	Rapier Machine	1	<p>The Rapier Machine should be a multi-functional machine producing a variety of woven samples, including industrial fabrics, upholstery, and apparel. It should cater to every detail in sampling, delivering smooth performance at high-speeds with high efficiency.</p> <table border="0"> <tr> <td data-bbox="724 528 842 595">Weaving Width</td> <td data-bbox="963 528 1209 562">20 inches (50.8cm)</td> </tr> <tr> <td data-bbox="724 645 804 678">Speed</td> <td data-bbox="963 645 1465 712">75 ppm (with reference to fabric width of 20 inches)</td> </tr> <tr> <td data-bbox="724 763 858 797">Controller</td> <td data-bbox="963 763 1422 831">PC Based-Industrial PC / Windows Embedded operating system</td> </tr> <tr> <td data-bbox="724 882 906 916">Weft Selector</td> <td data-bbox="963 882 1481 916">8 colors electronic weft selection device</td> </tr> <tr> <td data-bbox="724 967 895 1034">Fabric Take-up</td> <td data-bbox="963 967 1465 1068">Electronically controlled. Weft density can be changed freely within the same weave.</td> </tr> <tr> <td data-bbox="724 1117 900 1151">Warp Let-off</td> <td data-bbox="963 1117 1474 1218">Positive electronically controlled. Digital display of warp tension. Second beam assembly should be available.</td> </tr> <tr> <td data-bbox="724 1270 847 1303">Shedding</td> <td data-bbox="963 1270 1481 1471">Computerized controller. 20 heald frames driven pneumatically by air cylinders (1st & 2nd heald frames are for leno and selvages). Optional up to maximum 24 heald frames.</td> </tr> <tr> <td data-bbox="724 1523 879 1556">Drawing-In</td> <td data-bbox="963 1523 1485 1624">Heddle frames can be separated from the loom for heddles and reeds drawing-in</td> </tr> <tr> <td data-bbox="724 1675 831 1709">Beat-up</td> <td data-bbox="963 1675 1485 1821">Computer controlled driven independently by servo-motor. Suitable for heavy fabrics. Positions and quantity of beat up could be adjusted.</td> </tr> <tr> <td data-bbox="724 1872 916 1906">Weft Insertion</td> <td data-bbox="963 1872 1453 2029">Single rapier weft insertion driven by servo-motor . Speed could be controlled independently through the computer . Insertion can be adjusted</td> </tr> </table>	Weaving Width	20 inches (50.8cm)	Speed	75 ppm (with reference to fabric width of 20 inches)	Controller	PC Based-Industrial PC / Windows Embedded operating system	Weft Selector	8 colors electronic weft selection device	Fabric Take-up	Electronically controlled. Weft density can be changed freely within the same weave.	Warp Let-off	Positive electronically controlled. Digital display of warp tension. Second beam assembly should be available.	Shedding	Computerized controller. 20 heald frames driven pneumatically by air cylinders (1st & 2nd heald frames are for leno and selvages). Optional up to maximum 24 heald frames.	Drawing-In	Heddle frames can be separated from the loom for heddles and reeds drawing-in	Beat-up	Computer controlled driven independently by servo-motor. Suitable for heavy fabrics. Positions and quantity of beat up could be adjusted.	Weft Insertion	Single rapier weft insertion driven by servo-motor . Speed could be controlled independently through the computer . Insertion can be adjusted
Weaving Width	20 inches (50.8cm)																						
Speed	75 ppm (with reference to fabric width of 20 inches)																						
Controller	PC Based-Industrial PC / Windows Embedded operating system																						
Weft Selector	8 colors electronic weft selection device																						
Fabric Take-up	Electronically controlled. Weft density can be changed freely within the same weave.																						
Warp Let-off	Positive electronically controlled. Digital display of warp tension. Second beam assembly should be available.																						
Shedding	Computerized controller. 20 heald frames driven pneumatically by air cylinders (1st & 2nd heald frames are for leno and selvages). Optional up to maximum 24 heald frames.																						
Drawing-In	Heddle frames can be separated from the loom for heddles and reeds drawing-in																						
Beat-up	Computer controlled driven independently by servo-motor. Suitable for heavy fabrics. Positions and quantity of beat up could be adjusted.																						
Weft Insertion	Single rapier weft insertion driven by servo-motor . Speed could be controlled independently through the computer . Insertion can be adjusted																						

			<p>for 10 or 20 inches.</p> <p>Weft Breaks Equipped with weft-break detecting device. Loom stops when weft breaks.</p> <p>Warp Breaks Optional warp stop device is available</p> <p>Design Built-in design and editing software. It could be installed separately on other PC for design works.</p> <p>Air Consumption 880L/min. Air pressure 6-9 kgf/cm²</p>
2	Fiber Bundle Strength Tester	1	<p>To Determine the tensile strength of fibers. 1 pair clamps and spacer, torque vice and wrench, cutter, comb and tweezers. A 5mg x 0.01mg capacity balance is required Measuring Range : Strength scale range : 2 to 7Kg. Elongation scale range : 0 to 50%.</p>
3	Fibre Fineness Tester	1	<p>To determine the fiber fineness value (linear density) of cotton fibers in terms of micrograms/inch. Fibre measuring range of 2.2. To 8.0 Micronaire from 3.24 gram sample. Air flow principle of measurement. Auto ejection of tested sample from the chamber</p>
4	Trash Analyser – Electronic	1	<p>To determine lint and trash content of cotton fiber upto 100 g sample size. Carding principle with air separation of lint and non-lint content</p>
5	Projection Microscope	1	<p>Computer interface microscope for fiber analysis with maximum resolution of 1000X. Digital CCD camera to capture the image of the object. Provision to measure area and fineness of the fiber. Provision to measure cotton fiber maturity. Supply with complete accessories including stage micrometer for calibration Supply with calibration & inspection certificates</p>
6	Nep Count Template	1	<p>Standard Nep Counting template with Comb and Standard Accessories</p>
7	WRAP BLOCK- With Digital	1	<p># 1 yard circumference dynamically balanced heavy duty cylinder. # Fully bearing mounted</p>

	Counter		# Stretch free roving bobbin mounting Complete unit
8	Fabric Air permeability tester	1	# Stretch free sliver length measuring unit To measure the air permeability of textile fabrics in line with ASTM D 737 Able to measure the air permeability of fabric upto 8 mm Single press clamp/release
9	Wrinkle recovery tester	1	To determine the fabric ability to recover after wrinkling under a predetermined load for a set period of time.
10	Ginning machine	1	Laboratory model double roller ginning machine with 200 Kg/hr production capacity

Tender inviting Authority