



**KAMLA NEHRU INSTITUTE OF TECHNOLOGY,  
SULTANPUR (U.P.) 228118**

**NOTICE INVITING QUOTATION**

**(Under National Shopping of TEQIP-III for Mechanical Engineering Lab)**

1. Sealed Quotation are invited from the original Equipment manufacturers (OEM)/Reputed Firm/Distributors/Authorized Dealers with valid GST No. and PAN for Supply of Laboratory Equipments for Mechanical Engineering Department.
2. Quotations for All Packages can be submitted on or before **18/02/2020 up to 15.00 hrs** and will be opened on same day i.e. on **18/02/2020 at 15.30 hrs**.
3. Quotations can be submitted using downloaded forms available on the Institute website, along with a Bank Draft Earnest Money Deposit (EMD).
4. Institute reserves all rights to reject any one or all quotations without assigning any reason thereof.

**For EMD, Specifications, Tender Document and other details visit our website: [www.knit.ac.in](http://www.knit.ac.in)**

**DIRECTOR**



**KAMLA NEHRU INSTITUTE OF TECHNOLOGY,  
SULTANPUR (U.P)- 228118**

**Phone & Fax - 05362-240454**

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**INVITATION FOR QUOTATION**

**(Under National Shopping of TEQIP-III for Mechanical Engineering Department)**

You are invited to submit your most competitive quotation for the following goods with item wise detailed specifications. Sealed and separate quotations for the different packages of various departments are invited for supply of items along with earnest money deposit (EMD) in the shape of Demand Draft of PNB/SBI/BOB/BOLLD/CBI/UBI in favour of Director KNIT Sultanpur Avadh (UP).

**Quotation opening schedule:** Quotations can be submitted on or before **18/02/2020 up to 15:00 hrs** and will be opened on same day i.e. on **18/02/2020 at 15:30 hrs** in the **committee room of the Institute**.

**GENERAL INSTRUCTIONS**

1. Government of India has received a credit from the International Development Association (IDA) towards the cost of the **Technical Education Quality Improvement Programme [TEQIP]-Phase III** Project and intends to apply part of the proceeds of this credit to eligible payments under the contract for which this invitation for quotations under National shopping is issued.
2. Each downloaded duly quoted package should be submitted along with nationalized/scheduled bank demand draft of appropriate amount as an Earnest money deposit (EMD) in favour of “**Director, K.N.I.T. Sultanpur (UP)**, (as amount mentioned in each package, @2% for each package), else bid(s) is/are liable for rejection in to. **Separate draft of EMD** should be for each package. **Earnest Money Deposit (EMD) in the shape of only Demand Draft will be accepted.** EMD of successful firm shall be retained as performance security. The performance security deposit shall be refunded within one month of the completion of supply of goods/ works or after the expiry of defects liability/ guarantee/ warranty period (as mentioned above). The performance security deposit may be forfeited in case any terms and conditions of the contract are infringed or the bidder fails to make complete supply satisfactorily or complete the work within the delivery/completion period agreed in the contract without prejudice to the purchaser’s right to take further remedial actions in terms of the contract and bidding documents which formed part of the contract.
3. Supplier(s)/Bidder(s) should be manufacturer/distributor/dealer/authorized firm of the mentioned product(s)/goods and should submit the copies of ST No., company/firm registration or equivalent registration with the Central/State Government of India if any. Copies of OEM / Latest authorized dealership certificate for respective items should be enclosed.
4. The quotation(s)/bid(s) shall be sent in sealed envelope either by courier / post or in person only, within stipulated time period given in the respective package/bid document. The Package no. should be clearly mentioned on the left side corner of the sealed envelope. The bid(s)/quotation(s) shall be submitted to the office of the **Coordinator (Procurement), TEQIP-III Cell, K.N.I.T. Sultanpur-228118 (UP)** before the stipulated date and time. Bidder(s) should ensure that the bids submitted should reach well within stipulated day and time. Delay in submission of bid(s) for whatsoever reason will not be considered. Such bids are liable for rejection.
5. For the suppliers quoting for more than one package, the quotations should be submitted separately in separate envelope along with separate EMD of appropriate amount.
6. Prices quoted should be inclusive of all taxes. Rate should be quoted “FOR” K.N.I.T. Sultanpur – 228118 (UP). Rate should be quoted in Indian Rupees **inclusive** of all Taxes, Duties, Transportation, Insurance, Installation, Commissioning etc. All duties and other levies payable by the supplier under the contract shall be included in the unit price. Break up of applicable taxes shall be quoted separately for all items.
7. Information brochures/ Product catalogue, if any must be accompanied with the quotation clearly indicating the model quoted for.

8. The Prices should be quoted in Indian Rupees only. Format for submission of quotation is in Annexure-I.
9. The contract shall be for the full quantity as described above. Corrections, if any, shall be made by crossing out, initialing, dating and re writing. Signature of the Supplier should be there on every page of the bid.
10. The prices quoted by the bidder shall be fixed for the duration of the contract and shall not be subject to adjustment on any account. Quotation shall remain valid for a period not less than **60**days from date of opening.
11. Evaluation of Quotations: The Purchaser will evaluate and compare the quotations determined to be substantially responsive i.e. which are properly signed; and confirm to the terms and conditions, and specifications. The Quotations would be evaluated for all items together for each package.
12. Award of contract: The Purchaser will award the contract to the bidder whose quotation has been determined to be substantially responsive and who has offered the lowest evaluated quotation price.
  - (i) Notwithstanding the above, the Purchaser reserves the right to accept or reject any quotations and to cancel the bidding process and reject all quotations at any time prior to the award of contract.
  - (ii) The bidder whose bid is accepted will be notified of the award of contract by the Purchaser prior to expiration of the quotation validity period. The terms of the accepted offer shall be incorporated in the purchase order.
13. Payment shall be made in Indian Rupees as follows:  
**Satisfactory Delivery Installation and Acceptance - 100% of total cost**
14. All supplied items should be under warranty of **12 months** from the date of successful acceptance of items.
15. Commissioning / Installation is at suppliers cost. Supplier should provide free demonstration for the equipment / item provided and training, if necessary. At least one hard copy/soft copy (CD) of working manual of each equipment/item(s) should be provided during the supply of goods at free of cost.
16. Conditional Bid(s)/Quotation(s) will not be accepted. Any breach of term(s) of contract at any stage and/or non-execution of firm Purchase Order by the supplier(s)/Bidder(s) shall be lead to forfeiture of Earnest money deposit(s).
17. All legal disputes are subjects to the jurisdiction of **Sultanpur (UP)** court only.
18. Right to accept or reject any bid or all bids without assigning any reason is reserved with the Institute (or Purchaser).

Sd/-

**Coordinator (Procurement)**

On behalf of the

Director, K.N.I.T.Sultanpur (UP) – 228118

**Annexure-I**  
**FORMAT FOR QUOTATION SUBMISSION**

(In letterhead of the supplier with seal)

Date: \_\_\_\_\_

To:

**The Director,**  
**K.N.I.T. Sultanpur-228118(UP)**

S. No.	Description of goods (with full Specifications)	Qty	Unit	Quoted Unit rate in Rs. (Including Ex Factory price, excise duty, packing and forwarding, transportation, insurance, other local costs incidental to delivery and warranty/ guaranty commitments)	Total Price (A)	Sales tax and other taxes payable	
						In %	In figures (B)
<b>Total Cost</b>							

Gross Total Cost (A+B): Rs. \_\_\_\_\_

We agree to supply the above goods in accordance with the technical specifications for a total contract price of Rs. \_\_\_\_\_ (Amount in figures) (Rupees \_\_\_\_\_ amount in words) within the period specified in the Invitation for Quotations.

We confirm that the normal commercial warranty/ guarantee of \_\_\_\_\_ months shall apply to the offered items and we also confirm to agree with terms and conditions as mentioned in the Invitation Letter.

We hereby certify that we have taken steps to ensure that no person acting for us or on our behalf will engage in bribery.

Signature of Supplier

Name: \_\_\_\_\_

Address: \_\_\_\_\_

Contact No: \_\_\_\_\_

# KAMLA NEHRU INSTITUTE OF TECHNOLOGY, SULTANPUR

## Mechanical Engineering Department- TEOIP-III

**Package Name- KNIT///NS**

<b>Earnest Money Deposit (EMD) – Rs. 66,000=00</b>						
<b>Delivery Period—30 days</b>						
S.No.	Item Name	Item Description/ Specification				
1	<b>Advanced Rotary Tribometer</b>	<b>Parameters</b>	<b>Units</b>	<b>Range</b>	<b>Remarks</b>	
		Load capacity	N	2 – 200	calibrated dead weights (Loading arrangement)	
		Friction force	N	0 – 200	Resolution is 1% of 200 N	
		Rotational speed	Rpm	1-2000	Least count of 1 rpm.	
		Linear wear	µm	0 to 2000	LVDT Sensor with a Least count of 1 micron	
		Disk diameter	Mm	60	thickness =10 mm, 20-60 mm diameter disc universal holder provided	
		Wear track diameter	Mm	20-40	Variable	
		Ball diameter	Mm	6, 8,10	With independent holders	
		Pin diameter	Mm	6, 8,10	With independent holders	
		Ambient humidity	% RH	30 to 70	sensor to measure humidity	
		Power	V/Hz/Ph	230/50/1	Suitable as per Indian power socket	
		Control system DAQ & software	1- Define data acquisition technology. 2- Intuitive Software with inline control on temperature. 3- User settable friction and wear trip value. 4- Software capable for Advanced Compare view reporting for comparison of multiple test results & COF.			
		chamber Heating	°C	RT to 600	1- Set and operate through software 2- Inline real time data (record & display)	
		Lubricant testing	Recirculating (ambient temp)with control feature			
		Automated Motion Control	Oscillation (0.3 to 5 Hz), Variable speed profiles, Stribeck like curve, with control feature.			

### Standard Scope of supply:

Sr.N	Description	Quantity
1	Base instrument with controller (integrated)	1 No
2	software controlled operation and Data acquisition system	1 No
3	Desktop Computer System with suitable UPS & Laser Printer	1 No each
4	Wear disc EN31 hardened ( 60 Dia.)	2 No each
5	Pin holders Ø 6, 8, 10	1 No each
6	Pin Samples of each Size Ø 6, 8,10 Materials: EN 8, Brass,AL	5 No's each
7	Ball holder of Ø 6, 8, 10	1 No
8	Ball samples of Ø 6, 8, 10 Material ( AISI 52100 Steel )	10 No's each
9	Calibrated Dead Weights	1 Set
10	Dust cover for machine and controller	1 No each
11	Operating & maintenance manual	2 no's
12	Tool kit Box (i.e. handling tools)	1 Set

13	Connecting cables & wires	1 set
14	ASTM Disc	1 No
15	Chamber Heating temp. ambient to 600 Deg. C a) Test pin Dia 6, 8,10mm material: SS 304 -5 No's each. b) Test ball Dia 6, 8,10mm – Material – 10 No's each c) Wear disc – Material SS 304– 2 No.	1 No

**Features:**

- 1- Instrument must be compliance to ASTM G-99
- 2- Computer controlled interventions
- 3- CE certification : Instrument must be CE certified
- 4- Calibration certificates needs to provide at the time of supply. (i.e. Frictional force, Wear LVDT, Temp. sensor)

**Vendor Qualification:**

1. Supplier needs to prove ASTM G-99 standard testing condition at KNIT Sultanpur (on-site)
2. CE- certificate needs to provide for an instrument.
3. Manpower Clause: OEM of supplied equipment must be agreed to provide manpower of their internal expert service staff for scheduled visits, on demand by KNIT-Sultanpur. The validity of contract must be 2 years from date of supply.
4. The vendor shall have a well-trained service network available to cater the service requirements of the installed machine. The details of the same shall be submitted along with Offer. Supplier needs to provide list of their responsible service staff members.
5. Reference PO copy/ performance certificate of similar product needs to enclosed with quotation.
6. Supplier needs to provide a list of instrument users.
7. Manufacturer should be willing to demonstrate working of machine to KNIT on demand (as pre-Bid qualification criteria). Decision will be taken by KNIT.