

निविदा / कोटेशन के लिए आमंत्रण
INVITATION FOR TENDER / QUOTATION

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मोतीलाल नेहरू राष्ट्रीय प्रौद्योगिकी संस्थान इलाहाबाद
इलाहाबाद-211004 (भारत)
Motilal Nehru National Institute of Technology Allahabad
Allahabad-211004 (India)
An Institute of National Importance as Declared by NIT Act, GOI, 2007

INVITATION FOR QUOTATION

TEQIP-II/2015/MNNIT/Shopping

08-April-2016

To,

Sub: Invitation for Quotations for supply of Goods

Dear Sir,

1. You are invited to submit your most competitive quotation for the following goods with item wise detailed specifications given at **Annexure I**,

Sr.	Brief Description	Qty.	Delivery Period (In days)	Place of Delivery	Installation Requirement (if any)
1	FTIR Spectrophotometer	01 No.	60	MNNIT Allahabad	YES

2. 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 II** Project and intends to apply part of the proceeds of this credit to eligible payments under the contract for which this invitation for quotations is issued.
3. Quotation,
 - 3.1 The contract shall be for the full quantity as described above.
 - 3.2 Corrections, if any, shall be made by crossing out, initialing, dating and re writing.
 - 3.3 All duties and other levies payable by the supplier under the contract shall be included in the unit price.
 - 3.4 Applicable taxes shall be quoted separately for all items.
 - 3.5 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.
 - 3.6 The Prices should be quoted in Indian Rupees only.
4. Each bidder shall submit only one quotation.
5. Quotation shall remain valid for a period not less than **55** days after the last date of quotation submission.

6. Evaluation of Quotations,

The Purchaser will evaluate and compare the quotations determined to be substantially responsive i.e. which

6.1 are properly signed ; and

6.2 Confirm to the terms and conditions, and specifications.

7. The Quotations would be evaluated for all items together.

8. 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.

8.1 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.

8.2 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.

9. Payment shall be made in Indian Rupees as follows:

Delivery and Installation - 90% of total cost

Satisfactory Acceptance - 10% of total cost

10. All supplied items are under warranty of **12** months from the date of successful acceptance of items.

11. You are requested to provide your offer latest by **17:30** hours on **25-April-2016**.

12. Detailed specifications of the items are at Annexure I.

13. Training Clause (if any) **Training should be provided onsite at MNNIT Allahabad**

14. Testing/Installation Clause (if any) **Testing/Installation should be done onsite at MNNIT Allahabad**

15. Information brochures/ Product catalogue, if any must be accompanied with the quotation clearly indicating the model quoted for.

16. Sealed quotation to be submitted/ delivered at the address mentioned below,
Director, MNNIT Allahabad Teliarganj, Allahabad-211004

17. We look forward to receiving your quotation and thank you for your interest in this project.

Faculty In Charge (Purchase)

Annexure I

Specification for FTIR Spectrophotometer from TEQIP-II(Chemistry)

PC based FTIR Spectrophotometer optionally extendable to 10 cm^{-1} light source air cooled ceramic sources with atmospheric correction and self diagnostic function, automatic recognition of accessory with below mentioned features and specification:

- The Interferometer should have a speed either auto mode or from 1 to 4 mm/sec and should be controlled by Digital Signal Processing (DSP)
- The light source should be high intensity ceramic source with the provision of "stand-by mode" operation when the instrument is not in use to protect the source from damaging thermal shock
- The instrument must accommodate simultaneously two light source and two detectors, which is selected by software
- Beam splitter must be automatically recognized by system software and can be exchanged by user through a simple 'snap-lock' system, without opening the instrument
- The instrument should have facility of Quick Start button and Quick Start software program
- The instrument should have Auto Recognition Accessory System employing Logical Interface Control (LINC) technology as standard supply
- The instrument must have optional Rapid Scan (20Hz) facility for kinetic study
- The software must contain Sadtler Library of 10,000+ interferograms as standard supply
- Future upgradeable to Raman and IR Microscope and Imaging System and Vibrational Circular Dichroism (VCD).

FTIR Specifications:

Wavelength Range:	7800 – 350 cm^{-1}
Minimum Resolution:	0.07 cm^{-1}
Wavelength Accuracy	Within $\pm 0.01\text{ cm}^{-1}$
Signal-to-Noise Ratio:	55000:1 (4 cm^{-1} , 1 min, near 2200 cm^{-1}) or better
Interferometer:	28^0 Michelson, Auto alignment, Sealed interferomer
Light Source	Ceramic
Beam Splitter:	Ge/KBr
Detector:	Deuterated and L-alanine-doped triglycine sulfate(DLaTGS) (PeltierTemp. Controlled)
Mirror Coating	Gold coating
Warranty for the FTIR Spectrophotometer	One year (minimum).

Software for FTIR Spectrophotometer:

PC based software working in Window 7.0 with powerful 32 bit software. Software includes Measurement modes, Quantitative Analysis, Wavelength scan (Abs, %T, %R, Sample, Reference), Time scan (Abs, %T, %R, Sample, Reference), Abs/%T monitor, Data processing, Peak picking, Peak height, Peak area, Peak width, Derivatives, Smoothing, Data truncation, Arithmetic, Baseline correction, Subtraction, Deconvolution, Vertical axis conversion, Horizontal axis conversion. Validation Software, Enzyme activity calculation, Film thickness measurement, Color analysis.

Accessories to be offered with the FTIR Spectrophotometer:

- Single Reflection ATR with Diamond prism
- KBr Demountable Cell
- KBr Fixed Thickness Cell (0.1 mm.)
- KBr Die and Pelette Holder
- Branded PC (with genuine Microsoft Windows 7 Professional 32 bit operating system software installed, RAM 2 GB / 4 GB, HDD 1TB, Intel Core-i5 processor, key board, mouse, DVD writer) and Laser Printer (Black & White).
- UPS (3 KVA) with 1 hr backup for both the FTIR Spectrophotometer and PC.

List of user in India (name of user, full postal address, mobile/phone number, e-mail and date of purchase) for the quoted model must be supplied.

Original Literature about the quoted model must be supplied.

FORMAT FOR QUOTATION SUBMISSION

(In letterhead of the supplier with seal)

Date: _____

To: _____

Sl. 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)
Total Cost							

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: _____