



NATIONAL INSTITUTE OF TECHNOLOGY DURGAPUR  
MAHATMA GANDHI AVENUE  
DURGAPUR –713 209, WEST BENGAL, INDIA

Email: [chem.tanmoy@gmail.com](mailto:chem.tanmoy@gmail.com) ; Website: [www.nitdgp.ac.in](http://www.nitdgp.ac.in)

**BID REFERENCE:** NITD/Chemistry/TKS/SERB/ECR/2017/FTIR

**Date:** 10.02.2017

To

\_\_\_\_\_

\_\_\_\_\_

Dear Sir,

**Sub: QUOTATIONS INVITATION FOR SUPPLY OF FT-IR SPECTROPHOTOMETER UNDER  
EARLY CAREER RESEARCH AWARD GRANT, SERB**

1. You are invited to submit your most competitive quotation for the FT-IR Spectrophotometer as per **Annexure-I**
2. **Bid Price (Annexure-II)**
  - a) 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.
  - b) All duties, taxes and other levies payable by the contractor under the contract shall be included in the total price **F.O.R. Dept. of Chemistry, NIT Durgapur.**
  - c) The rates quoted by the bidder shall be fixed for the duration of the contract and shall not be subject to adjustment on any account.
  - d) The bid price may be quoted in **Indian Rupees or in Foreign currency.**
3. Each bidder shall submit only one quotation for each item. Manufacturer/authorized dealers of reputed brands of high technical quality with adequate after-sales support facilities are eligible to apply. The bidder must have supplied similar good to reputed organization to their full satisfaction and furnish a list of the same.
4. The bid submitted by the bidder must comprise of the following:

**Part – I (Techno-commercial Bid)**

- (a) Detailed technical specifications, conforming to the given specifications (vide Annexure-I) and literature/drawings/manuals of the goods/services to be supplied
- (b) Valid Authorized dealership certificate should be submitted
- (c) Unpriced copies of purchase orders from the reputed institutes like NITs/IITs/IISERs/IACS/CSIR labs/IIEST/Central Universities/Universities of West Bengal along with satisfactory installation certificates; Also provide satisfactory performance certificates (in original letterhead) of users of same instrument working in the reputed institutes (at least 3 numbers)
- (d) Credentials and list of organizations where the bidder supplied similar items. Institutes like IITs/NITs/IACS/IISERs/CSIR labs/IIEST will be preferred
- (e) Warranty period (comprehensive on-site) along with special warranty as per given specifications (vide Annexure-I)
- (f) Valid sales-tax / VAT clearance certificate

**Part – II (Price Bid)**

- Price bid (vide annexure-II)
5. **Validity of Quotation**  
Quotation shall remain valid for a period not less than **90** days after the deadline date specified for submission.

6. **Evaluation of Quotations**

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

- (a) are properly signed and
- (b) Conform to the terms and conditions, and specifications.

7. **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.

7.1 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.

7.2 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.

8. Delivery shall be made at **Department of Chemistry at NIT, Durgapur**

9. Payment shall be made immediately within **45 days** after satisfactory installation, commissioning and acceptance of the good.

10. Comprehensive onsite warranty shall be applicable to the supplied goods for a period of **12 months** from the date of acceptance.

11. The Institute is **exempted from payment of custom and excise duty** on items mentioned below:

- a) Scientific and technical instruments, apparatus, equipment (including computers);
  - b) Accessories, spare parts and consumables thereof;
  - c) Computer software, CD-ROM, recorded magnetic tapes, microfilms, and microchips.
- Sales Tax, if applicable, should be charged @ **4%** against 'D' form.

12. The successful bidder must submit before the release of payment a valid bank guarantee on any nationalized bank of **10%** of the order value towards **Performance Security** during the warranty period.

13. **Liquidated Damage** will be applicable at the rate of **0.5%** per week. The purchaser has the right to cancel the purchase order when LD accumulates to 10 %.

14. A bank draft of **Rs 100** towards the Bid document price payable to "**Director, NIT Durgapur**" at Durgapur will be enclosed with the bid by the bidder.

15. A bank draft or bank guarantee worth **2%** of the quoted value payable to "**Director, NIT Durgapur**" at Durgapur will be enclosed with the bid by the bidder towards the Earnest Money Deposit (EMD). The EMD shall remain valid for a period of 45 days beyond the final bid validity period.

16. Quotations are to be submitted **in two separate sealed covers** marked **PART-I** (Techno-commercial bid) and **PART-II** (Price bid) containing relevant documents, superscripting "Bid No.-NITD/**Chemistry**/TKS/SERB/ECR/2017/FTIR". These two sealed covers are to be placed in a separately sealed larger cover. Further, the sentence '**Not to be opened before 15.30 hours on 08.03.2017**' is also to be put on these envelopes.

17. Settlement of any dispute will be made under the jurisdiction of Durgapur Court.

18. You are requested to provide your offer latest by **14.00 hours on 08.03.2017**.

19. The purchaser will open the bids at **15.30 hours on 08.03.2017**.

20. The bid document must be signed and sealed and enclosed with the bid as a token of acceptance of all terms and conditions in the bid document by the bidder.

21. The items must be delivered within **60 days** from the date of placement of purchase order at the respective department.
22. Comprehensive onsite warranty for **12 months** from the date of satisfactory installation shall be applicable for offered goods.
23. All other terms and conditions of GFR 2005 of the Government of India will be applicable.
24. We look forward to receiving your quotations and thank you for your interest in this project.

**Dr. Tanmoy Kumar Saha**  
**Department of Chemistry**  
NIT, Durgapur – 713209

**The bid must be addressed to:**

Dr. Tanmoy Kumar Saha  
Department of Chemistry  
NIT, M. G. Avenue,  
Durgapur -713209, W.B.  
Email id: [chem.tanmoy@gmail.com](mailto:chem.tanmoy@gmail.com)  
Phone No. 09434789017

## LIST OF GOODS

Sl. No.	Brief Description of the Goods	Specifications	Quantity
1	FT-IR Spectrophotometer	<p>i) Fully Computer controlled with Ethernet based interface and Software based FTIR spectrophotometer having compact size, not requiring to be kept electrically on or any other special environmental condition and having very low electrical consumption.</p> <p>ii) Spectral range: 6,000 – 500 <math>\text{cm}^{-1}</math> with a Spectral resolution: better than 2 <math>\text{cm}^{-1}</math> and Wave number accuracy: 0.01 <math>\text{cm}^{-1}</math> or better with Room Temperature DLATGS detector. Signal to Noise Ratio: 50,000:1 or better;</p> <p>iii) Interferometer with Gold-coated mirrors permanently aligned and Optics with capability to withstand high humidity having ZnSe beam splitter and ZnSe windows.</p> <p>iv) The offer should include special warranty of 10 years on Laser, 05 years on Source &amp; 10 years on Interferometer.</p> <p>v) Automated instrument test functionality and having following measurement techniques: 1. Transmission, 2. Universal ZnSe ATR, for analysis of solid, liquid, paste, powder and gel samples (without sample preparation);</p> <p>vi) Continuous monitoring of Spectrometer components like source, laser, detector, Interferometer, sampling modules must be automatically identified and spectral test routines must automatically start to verify accessory performance. Should have automated OQ &amp; PQ test on start. Optical components like detector and source must be electronically coded, so that these components are automatically recognized when placed in the spectrometer. Appropriate parameter must be automatically transferred to the application software.</p> <p>vii) Software specifications: Software for data measurement, manipulation and evaluation with a step by step assistance. Should include search capabilities as well as the possibility to create user own libraries. Should include quantification tool. Must be 21 CFR part 11 compliant.</p> <p>viii) Suitable Controller (i3 or better) with original operating software along with B/W Laser jet printer and suitable UPS with minimum 20 minutes back up for operation.</p> <p>ix) All necessary installation pre-requisites are to be offered under separate head to make the system functional.</p> <p>x) All necessary sample preparation accessories are to be offered under separate head for Transmission unit.</p>	01

**Delivery Period:** 60 days from the date of placement of purchase order

**Place of Delivery:** Dept. of Chemistry, NIT Durgapur

**Installation / commissioning / demonstration requirement:** Installation, commissioning, complete demonstration and successful running at Dept. of Chemistry, NIT, Durgapur

## PRICE BID

1	2	4	5		6	7	8	9
Sl. No	Name of the good	Quantity & Unit	Price for each unit		Unit Price (a)+(b)	Sales & other taxes payable [admissible only on col. 5(a)] (4% against D form)	Total Unit Price (6)+(7)	Total Unit Price (in words)
			Ex-factory/ ex-warehouse/ ex-showroom off the shelf [Customs & Excise duty waived] (a)	Incidental services  (b)				

We agree to supply the above goods in accordance with the technical specifications and the terms and conditions mentioned in the bid document at prices mentioned above within the period specified in the Invitation for Quotations.

We also confirm that the comprehensive onsite warranty of **12 months** shall apply to the offered goods.

Signature of Bidder \_\_\_\_\_

Name \_\_\_\_\_

Business Address \_\_\_\_\_

Place:

Date: