

**NATIONAL INSTITUTE OF TECHNOLOGY
KURUKSHETRA-136119**

No. SCH/19/35 / 2901

Dated: 09/05/19

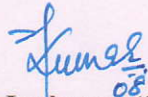
M/s Institute Website

Sub: INVITATION OF QUOTATIONS FOR FT-IR SPECTROPHOTOMETER.

1. You are invited to submit your most competitive quotation for the following goods:

Sr. No.	Brief Description & Specifications of Goods	Quantity
1.	FT-IR Spectrophotometer (Detailed Specifications are attached)	01 No.

2. Necessary literature of the goods may please be sent to facilitate to take decision.
3. Payment will be made Online through RTGS/NEFT within 30 days after receipt of material in good condition and according to specifications and installation of the same. The Bank detail for making online payment may be indicated in the quotation.
4. The supplier shall deposit Earnest Money along with the Quotation amounting to Rs. 18000 /- in shape of Accounts Payee Demand Draft/Fixed Deposit Receipt/Bankers Cheque or Bank Guarantee from any scheduled commercial Bank in favour of the Director, National Institute of Technology, Kurukshetra. The Quotations without Earnest Money shall be rejected, the EMD will remain valid for a period of 45 days beyond the final validity period of quotation.
5. Performance Security @ 5% of the total value of the equipment must be furnished in shape of Demand Draft/Fixed Deposit Receipt or Bank Guarantee from any scheduled Commercial Bank in favour of the Director, NIT Kurukshetra valid up to 60 days after the date of completion of warranty by the successful bidder.
6. The items must be supplied within delivery period or delivery period extended by the Institute on the request of the supplier on genuine grounds otherwise the penalty for delayed period @ 0.5% of the amount shall be charged for every week or part thereof and the maximum 10%. The request for extension of delivery period (if any) must be made before the last date of supply as per P.O.
7. The quotation should remain valid for a period not less than 90 days from the date of submission.
8. The firm must have got GST No. printed on their quotation.
9. The right of accepting or rejecting any quotation and to cancel the bidding process and reject all quotations without assigning any reason is reserved with the Institute.
10. The supplier must attach copies of two latest purchase order (preferably from IITs/NITs) indicating the price for the equipment.
11. The due date for receipt of quotation is 28.05.2019 and will be opened on next working day at 10:00 AM. Please quote on the top of the envelope our Ref. No. and due date of opening.


08.05.19
Prof-Incharge (Stores)

Specifications for FT-IR Spectrophotometer

- Spectral range of 6,000-500 cm^{-1} or more with ZnSe beamsplitter.
- Spectral resolution must be 0.8 cm^{-1} or better.
- Wavenumber accuracy of at least $\pm 0.05 \text{ cm}^{-1}$ or Better
- Signal-to-Noise Ratio: 50,000:1 or better (1 min measurement time, spectral resolution @ 4 cm^{-1})
- Interferometer must be permanently aligned and highly stable.
- All optics and mirrors must be gold coated only.
- System should have DLATGS/DTGS detector.
- The ability to automatically recognize accessories is essential.
- Software – should be Windows based system with facilities like Instrument control, Basic and advanced data manipulation routines, Spectral calculator, quantification etc.
- System must have 10 years warranty on interferometer, laser and 5-year warranty on source.
- System must have minimum warranty of 1 Years for complete instruments.
- **Accessories:** Transmittance Unit, software and pallet holder.
- **Optional Accessories:** Liquid Demountable Cell with KBr Window, suitable branded PC and printer.

4. The supplier shall deposit Earnest Money along with the Quotation amounting to Rs. 1,00,000/- in shape of Accounts Payee Demand Draft/Fixed Deposit Receipt/Bankers Cheque or Bank Guarantee from any scheduled commercial Bank in favour of the Director, National Institute of Technology, Kurukshetra. The Quotations without Earnest Money shall be rejected, the PMD will remain valid for a period of 45 days beyond the final validity period of quotation.
5. Performance Security of 2% of the total value of the equipment must be furnished in shape of Demand Draft/Fixed Deposit Receipt or Bank Guarantee from any scheduled Commercial Bank in favour of the Director, NIT Kurukshetra valid up to 60 days after the date of completion of warranty by the successful bidder.
6. The items must be supplied within delivery period or delivery period extended by the Institute on the request of the supplier on genuine grounds otherwise the penalty for delayed period of 0.5% of the amount shall be charged for every week or part thereof and the maximum 10%. The request for extension of delivery period (if any) must be made before the last date of supply as per P.O.
7. The quotation should remain valid for a period not less than 90 days from the date of submission.
8. The firm must have got GST No. printed on their quotation.
9. The right of accepting or rejecting any quotation and to cancel the bidding process and reject all quotations without assigning any reason is reserved with the Institute.
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