



॥ अंतरी पेटवू ज्ञानज्योत ॥
कवयित्री बहिणाबाई चौधरी उत्तर महाराष्ट्र विद्यापीठ, जळगाव
**Kavayitri Bahinabai Chaudhari North Maharashtra
University, Jalgaon**

(Rashtriya Uchcharat Shiksha Abhiyan (RUSA))

Tel. No. (0257) 2257162

**E-TENDER DOCUMENTS FOR SUPPLY AND
INSTALLATION OF FOURIER TRANSFORM INFRARED (FTIR)
SPECTROPHOTOMETER**

REF: KBCNMU/SC/RUSA/ET/22/2020, dated: 08/09/2020

FOR MORE DETAILS VISIT

www.mahatenders.gov.in/www.nmu.ac.in

Total Pages 01 to 16



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Tender Schedule and Contact details

Sr. No.	Key Days of the tender	Start date & time	End date and time
01	Tender Release	08/09/2020 17.30 hrs.	--
02	Tender documents downloading	10/09/2020 10.00 hrs.	30/09/2020 12.00 hrs.
03	Online submission	10/09/2020 10.00 hrs.	30/09/2020 15.00 hrs.
04	Technical Bid opening	05/10/2020 16.00 hrs. (if possible)	--

Contact below if any query

Sr.No.	Name of the Contact Person	Contact No.
01	Mr. Sumit Katkar For any information/difficulty regarding online submission of e-tender	07745827385 07843024910
02	Technical Query : Dr. Vikas V. Gite	(0257) 2257431 , 432
03	Tender Enquiry (Finance Dept.) Shri Ravindra Patil (Section Officer) Purchase Deptt.	(0257) 2257236,237



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कवयित्री बहिणाबाई चौधरी उत्तर महाराष्ट्र विद्यापीठ, जळगाव
**Kavayitri Bahinabai Chaudhari North Maharashtra
University, Jalgaon**

(Rashtriya Uchchatar Shiksha Abhiyan (RUSA))

E-TENDER NOTICE

E-TENDER DOCUMENTS FOR SUPPLY AND INSTALLATION OF
Fourier Transform Infrared (FTIR) Spectrophotometer

Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon invites e-tender documents for supply and installation of **Fourier Transform Infrared (FTIR) Spectrophotometer** from Manufacturers/ Authorized Dealers/ Distributors and reputed suppliers to participate in the competitive bidding process. For the detailed tender documents, interested bidder should visit www.mahatenders.gov.in / www.nmu.ac.in

The filled in tender must be submitted online on or before **30/09/2020 up to 15.00** hrs. Any extension of tender, corrigendum or change in schedule will be published only on above mentioned websites.

REF: -**KBCNMU/CS/RUSA/ET/ 22 /2020**

Date: 08/09/2020

(Dr. V. V. Katdare)
Offg. Finance and Accounts Officer

Instructions for filling of E-Tender

The Finance and Accounts Officers, Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon invites E-Tenders documents for supply and installation of **Fourier Transform Infrared (FTIR) Spectrophotometer** from Manufacturers/ Authorized Dealers/Distributors and reputed suppliers. The details in this regard are given below:

1. Procedure to submit the tender: All eligible/ interested tenderers are required to download tender documents from <http://www.mahatenders.gov.in/> and <http://www.nmu.ac.in> for participation in e-tendering the vendors should submit online tender in two bid system i.e. Technical Bid and Commercial/ Financial Bid BOQ (**BOQ Rate quoted inclusive of all taxes**).
2. Technical Bid: The technical bid shall contain the following documents. The Bidder must Scan the documents and upload all these documents online with first page in technical bid Compulsory. All the documents must be valid and self-attested by bidder .Non-submission of following requested documents may lead to rejection of offers.

Sr.No.	Name of Document
I	Information of the bidder as per Annexure - A. (The same should be submitted on letter head of bidder)
II	Certificate of incorporation of company issued under the company act or by any other competent authority in case of proprietary / partnership firm etc.
III	Copy of GST registration certificate
IV	Copy of PAN card
V	Copies of Income tax return filed during last three financial years (2016-17, 2017-18, 2018-19)
VI	Copies of SSI/ NSIC /MSME registration certificate. (In case of Exemption in payment of Tender Fees/EMD is claimed) The related G.R./ circular must be uploaded
VII	Proof of annual turnover for the last three financial year as per Annexure- B
VIII	List of clients to whom the Fourier Transform Infrared (FTIR) Spectrophotometer supplied mentioning the name, address, Landline. No. /Mobile No. of the clients with quantity and date of supply. Two / Three Copies of supply/ work order should be uploaded
IX	Authorization letter from OEM in case of bidder is authorized Dealer/ Distributors of OEM. as per Annexure -C
X	An affidavit that the bidder has never been black listed by any government department / government under taking /any other agency as per Annexure - D
XI	The comparative Chart of technical specifications of Fourier Transform Infrared (FTIR) Spectrophotometer in the format as per Annexure-E
XII	Bidders' Declaration on letter head as per Annexure - F
XIII	Receipts of payment Cost of tender and earnest money deposit paid through Internet Banking
XIV	Audited balance sheet & profit & Loss account of the company / firm duly audited by Chartered Accountant for last three financial years. (2016-17, 2017-18,2018-19)
XV	Technical Boucher / Catalogue of quoted model
XVI	Certificate for after Sale Service and support of minimum 03 years
XVII	Full set of tender documents with seal and signature of bidder or his authorized representative on each page of the tender.

3. Financial Bid: The tendering authority will first open the Technical Bid documents of all bidders and after scrutinizing these documents will shortlist the Bidders who are eligible for Financial Bidding process. Otherwise the tender may be disqualified. Financial bid should be submitted online by vendor in the form of BOQ excel sheet given over www.mahatenders.gov.in /www.nmu.ac.in, the supplier shall fill up the column of rate per quantity offered by him.
4. Bidder should have valid Digital Signature Certificate (DSC) obtained from any Certifying Authorities.
5. The detail technical specifications of **Fourier Transform Infrared (FTIR) Spectrophotometer** are provided in the tender documents.
6. The Technical and Financial bid shall be submitted online as per the schedule. Bidder may be invited for technical discussion at University, if needed/required.
7. The Bidders are strictly advised to follow the dates and times allocated to each stage. As indicated in the time schedule. All the online activities are time tracked and the Electronic Tendering System enforces time-locks that ensure that no activity or transaction can take place outside the Start and End Dates and Time of the Stage as defined in the tender schedule. At the sole discretion of the Tender Authority, the time schedules of the e-tender stages may be extended.
8. University reserves the right for change in the number of items to be maintained in Schedule.
9. Rate to be quoted should be mentioned at item wise in provided in Schedule (BOQ) by the bidder, more over the rate should not be quoted anywhere else in the tender booklet as well as in the blank pages.
10. The University reserves the right to decide whether to open or not open the commercial Bid of the supplier and no objection of any supplier shall be entertained on any ground what so ever it may be regarding this.
11. No Bid shall be accepted without payment by online earnest money deposit and cost of Tender.
12. The rate quoted in BOQ form (in currency) should be inclusive of GST, freight, packing, forwarding, loading / unloading and installation and mounting of **FTIR**.
13. The rate should be offered for only the item as mentioned in the Schedule.
14. The rates quoted for the quantity other than specification specified in the tender form shall not be considered for comparison of rate.
15. Attach Technical detail of quoted model with catalogue.
16. The University is not to bind to accept lowest tenders and reserve the right to accept/cancel any or all tenders without assigning any reason thereof.

(Dr. V. V. Katdare)
Offg. Finance and Accounts Officer

-: General Terms and Conditions of the tender :-

- 1) The online tender is called from Manufacturers/ Authorized Dealers / Distributors / Reputed Suppliers to supply and installation of **Fourier Transform Infrared (FTIR) Spectrophotometer**
- 2) Bidders are compulsory required to submit all documents online as mentioned in Annexure-A. If bidder fails to do so the financial bid of such bidder will not be considered opened.
- 3) **Earnest Money Deposit & Cost of Tender:** Vendors are required to pay Rs.3,000/- (Rs. Three Thousand only) and Rs.50,000/- (Rs. Fifty Thousand only) towards Tender Fee and EMD respectively through Net banking.
- 4) **Security Deposit:** The successful tenderer to whom the work/ supply/ purchase order is given shall be required to deposit an amount equivalent to 5% of total value of work order (inclusive of all taxes, duties etc.) as security deposit within 7 days from the date of work order. The security deposit will not carry any interest which shall be refunded after supply and successful completion of the work. If the bidder fails to keep the security deposit, then the second lowest quoted bidder will be issued the similar purchase order or the University withholds the total authority for the necessary action to be taken.
Cancellation of work/ supply / purchase order: University reserves the right to cancel the work order in case tenderer fails to supply and installation of **FTIR** within the stipulated time given in the work order. The University reserves the right to go for next lowest tenderer or other appropriate action will be taken.

If due to the above mentioned reason work order is canceled, earnest money and security deposit shall be forfeited and also the tender may be allotted to the next lowest tender or the University reserves the right to take any other appropriate decision including legal action against the bidder to whom work order was given.
- 5) The Bid E.M.D. will be forfeited :-
 - a) If the bidder withdraws his bid during the period of bid validity specified in the bid.
 - b) In case of successful bidder, if the bidder:
 - i. Fails to sign the contract/ agreement in accordance with the terms of the tender documents.
 - ii. Fails to furnish required performance security in accordance with the terms of tender document within the time frame specified by the client.
 - iii. Fails or refuses to honor his own quoted price for the product offer.
- 6) The successful bidder is required to execute an agreement on Rs.100/- stamp paper for supply, installation and commissioning of the items as per the tender and cost of work order. The agreement should be registered with notary. The same should be submitted along with security deposit.
- 7) Conditional tender shall not be accepted.
- 8) **F.O.R:** -The rates quoted should be F.O.R the University Campus. The rate quoted by the bidder should be inclusive of GST, freight, forwarding, loading and unloading Insurance and Installation **Fourier Transform Infrared (FTIR) Spectrophotometer**
- 9) **Payment:** 100% payment shall ordinarily be made within 30 days after satisfactory completion of work as per work order and report to this effect received from technical authority appointed by the University.
- 10) **Performance Bank Guarantee:** The Successful bidder will have to submit the performance Bank guarantee along with invoice equivalent to 5% of total value of invoice towards performance bank guarantee for the period of 60 days beyond warranty period.

- 11) **Completion Period:** - The supply as per purchase order should be completed within 12 to 15 weeks from the date of receipt of purchase order. If the bidder fails to complete the installation within the period. The University will be entitled to recover penalty as liquidated damages @ 0.5% of total value of invoice each week or parts thereof during which the delay of such stores delays subject to maximum in limit of 5%.
- 12) After supply the tenderer should install and commission all the **FTIR** within stipulated time given in Purchase Order (P.O.). Delay beyond this period will attract penalty at the rate of 0.1% of the purchase order cost per day of delay subject to maximum 5% of the purchase order cost and it would be deducted from subsequent payment. The university reserve the right, without liability, to cancel the order in such cases and it will be free to place order on any other party.
- 13) **FTIR** covered in this tender may be inspected and tested by the University authority/engineer if deemed necessary by the University, the successful tenderer shall provide without charge, all reasonable facilities and assistance for such inspection and test.
- 14) Assignment/ subcontracting/ sublet: The tender shall not assign the order received any rights under this tender or to become due hereunder, neither delegated nor subcontracted sublet any obligations or work hereunder without the prior written consent of the University.
- 15) Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon is not bound to accept the lowest tender and reserves the right to accept any tender or to reject any or all tenders without assigning any reasons whatsoever.
- 16) Tenderer must submit cost of tender documents and EMD only through 'INTERNET BANKING'
- 17) **Warranty:** The bidder should clearly mention the period of standard warranty of FTIR.
- 18) **Safety & Security:** - Safety & Security of all the equipment material shall be responsibility of the vendor till the completion of work as per purchase order.
- 19) Tender offer must be valid for a period of minimum 120 days from the date of opening of commercial / financial bid. Any offer failing short of the validity period is liable for rejection.
- 20) **Jurisdiction:** The courts at Jalgaon alone will have the jurisdiction to try any Matter, dispute or reference between parties arising out of this tender/ contract. It is specifically agreed that no court outside and other than Jalgaon court shall have Jurisdiction in the matter.
- 21) The University reserves the right to Offer should be complete in all respect. Incomplete offers would not be entertained.
- 22) The tenderer must have a minimum turnover of Rs. 150.0 Lac or more for each of the past 03 financial years (2016-17, 2017-18 and 2018-19).
- 23) The University reserves the right to delete/ increase/ decrease items from the schedule of requirement specified in the tender and accept or reject any or all the tenders from any or all the parties without assigning reason thereof.
- 24) **Installation and Commissioning:** FTIR must be installed and commissioned at **School of Chemical Sciences, Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon**. The required accessories if any& cables should be provided.

(Dr. V. V. Katdare)
Offg. Finance and Accounts Officer

Detailed Specifications of FTIR

Technical Specification		Quantity
Type	The system should be compact and light weight	
Mounting	Table top	
Range of wavelength	Minimum range of 7,000-400 cm^{-1}	01
Spectral resolution	0.5 cm^{-1} or better	
Wave number accuracy	at least $\pm 0.01 \text{ cm}^{-1}$ being essential	
Detector	DTGS/DLATGS. Sensitive of delivering signal-to-noise from 9,000:1 and above. The spectrophotometer must be a sealed and desiccated optical unit.	
Interferometer	The FT-IR must utilize a rotary interferometer providing inherent immunity to mirror tilt and shear. The system must offer a solid-state laser in the interferometer system for higher longevity and lower maintenance.	
Beam	Single beam	
Beam splitter	KBR	
Modification in future	The system must be able to hyphenate with TGA in future.	
Sample analysis	The system should be able to analyze both organic and inorganic materials preference is to polymeric materials (films/powder/viscous liquid resin).	
Software	Compatible software for multiple users. An extensive set of spectral libraries must be available, including Raman, NIR and mid-IR spectral references. Auto subtraction of CO_2 and H_2O absorptions	
Accessories	ATR - diamond crystal along with plate to analyze polymeric and rubbery materials (films/powder/viscous liquid resin) across the MIR range	
	For transmission mode analysis - Hydraulic Press with appropriate capacity, KBr Die set, Pallet Holder, KBr powder, Agate, motor, pestle.	
	Liquid demountable cells with KBr windows	
	Computer accessories - Branded PC, printer, etc.	
	UPS with minimum 30 min battery backup for entire system	
Controlled desiccant status	Software controlled desiccant status indicator to monitor the status of the desiccated area.	
Maintenance of source	The source must be replaceable from outside the instrument with on-screen installation guidance.	
Spectrometer Input Power	240V/50Hz	
Warranty and service	03 Years for overall and minimum 10 years warranty on source, laser and interferometer and labour in case of interferometer defects	

Note:

1. Make, Model No. & Warranty of FTIR must be specified by the bidder.
2. The vendor need to quote latest model and any model launched before 2010 will not be considered.

Information of the Bidder

Sr. No.	Particular	
1.	Name of the Company/ Organization/firm	
2.	Registered office Address, Telephone no. and E-mail ID	
3.	Correspondence / Contact Address. Details of contact person name, designation, address, mobile no & e-mail ID.	
4.	Type of the Organization (Proprietary / Partnership/ Pvt. Ltd./PSU/Govt./Public Ltd) certified copy in respect of registration must be enclosed	
5.	Year of establishment and Experience in business (In number of years)	
6.	Annual Turnover 2016-17 2017-18 2018-19 (Certified copies of Annual Statement of Accounts i.e. Balance sheet & Profit Loss Account must be uploading)	
7.	GST Registration No.	
8.	PAN Card No.	
9.	Details of Bank – Name of Bank Name of Account Type of Account Account Number IFSC Code MICR Code	
10.	Capacity in which the bidder has signed the bid	

Signature & Seal of the Tender

Certificate of Annual Turn Over

Sr. No.	Financial year	Annual turnover (In Lac)
1	2016-17	
2	2017-18	
3	2018-19	

Seal & Signature of the
Chartered Accountants

Seal & Signature of the
bidder authorized representative

Manufacturers Authorization Form

Ref.No./Outward No.

Date:/ /2020

To,
The Finance & Accounts officers,
Post Box No.80,
Umavinagar, KBC NMU, Jalgaon.

Subject: Authorization letter for tender for supply and installation of **Fourier Transform Infrared (FTIR) Spectrophotometer .**

Ref. No: KBCNMU/CS/ RUSA/ET/22 /2020

Dear Sir,

This is with reference to above subject of supply and installation of **Fourier Transform Infrared (FTIR) Spectrophotometer** for your University. We would like to authorize M/s. ----- who is a business associate/ partner of OEM/ authorized distributors/authorized dealers in India to participate in the above tender and execute the same if awarded.

We here by extended our full support as per terms and conditions of the tender and the contract for the services offered against this invitation for tender offered by the M/s.

We here by commit to the tender terms and conditions and will not withdraw our commitment during the process and or during the period of contract.

Thanking you,

Yours faithfully,

Name of the company and seal
Name, Signature and Designation
Of the person

(The above authorization letter must be submitted on letter head of the company and to be signed by only by authorized / competent authority)

**DECLARATION REGARDING BLACKLISTING / DEBARRING FOR TAKING
PART IN TENDER.**

**(To be executed & attested by Public Notary / Executive Magistrate on Rs. 100/- non
judicial Stamp paper by the bidder)**

I / We _____ Manufacture/ Partner(s)/ Authorized Distributor/agent of M/S.
_____ hereby declare that the firm/company namely M/S.
----- has not been blacklisted or debarred in the past by Union/ State
Government or by any other organization from taking part in tenders in India.

Or

I / We _____ Manufacture/ Partner(s)/ Authorized Distributor/agent of M/S. -----
-----hereby declare that the Firm /company namely
M/S.----- was blacklisted or debarred by Union/ State Government or any
Organization from taking part in tenders for a period of _____ years w.e.f.
_____ to _____. The period is over on _____ and now the firm/company is
entitled to take part in tenders.

In case the above information found false I/ we are fully aware that the tender/ contract will be
rejected/cancelled by University and EMD/ SD shall be forfeited. In addition to the above University will
not be responsible to pay the bills for any completed/ partially completed work.

DEPONENT

Name _____

Address _____

Attested:

(Public Notary / Executive Magistrate)

**COMPARATIVE CHART OF TECHNICAL SPECIFICATIONS OF
Fourier Transform Infrared (FTIR) Spectrophotometer**

Sr. No	Specifications of tendered item As per tender	Specification of FTIR offered by the bidder	Make, Model NO. & Warranty
01	Fourier Transform Infrared (FTIR) Spectrophotometer (For detailed specifications refer Page 9)		

Note: - The above chart should be submitted on letter head of the bidder after filling blank Column of the above chart.

Date : / /2020

Signature and Seal of the bidder

Bidder's Declaration

**E- TENDER DOCUMENT FOR SUPPLY AND INSTALLATION OF
Fourier Transform Infrared (FTIR) Spectrophotometer**

Ref. No.: KBCNMU/CS/RUSA/ET/22/2020

I hereby certify that I have gone through all the information, terms and conditions stipulated in the tender document and hereby confirm to abide by the same. I also hereby certify that the rates quoted in financial/ commercial bid (BOQ) are not more than the rate charged to any other Institution/ Department / Organization.

Signature :

Name of signatory :

Seal of the bidder