



Bid Number/बोली क्रमांक (बिड संख्या): GEM/2024/B/4648

Dated/दिनांक : 16-02-2

Bid Document/ बिड दस्तावेज़

Bid Details/बिड विवरण	
Bid End Date/Time/बिड बंद होने की तारीख/समय	26-02-2024 18:00:00
Bid Opening Date/Time/बिड खुलने की तारीख/समय	26-02-2024 18:30:00
Bid Offer Validity (From End Date)/बिड पेशकश वैधता (बंद होने की तारीख से)	175 (Days)
Ministry/State Name/मंत्रालय/राज्य का नाम	Ministry Of Home Affairs
Department Name/विभाग का नाम	Na
Organisation Name/संगठन का नाम	National Forensic Sciences University
Office Name/कार्यालय का नाम	382007
Total Quantity/कुल मात्रा	1
Item Category/मद केटेगरी	Fourier Transform Infra Red (FTIR) Spectrometer (Q2)
Minimum Average Annual Turnover of the bidder (For 3 Years)/बिडर का न्यूनतम औसत वार्षिक टर्नओवर (3 वर्षों का)	150 Lakh (s)
Years of Past Experience Required for same/similar service/उन्हीं/समान सेवाओं के लिए अपेक्षित विगत अनुभव के वर्ष	3 Year (s)
MSE Exemption for Years of Experience and Turnover/ अनुभव के वर्षों से एमएसई छूट	No
Startup Exemption for Years of Experience and Turnover/ अनुभव के वर्षों से स्टार्टअप छूट	No
Document required from seller/विक्रेता से मांगे गए दस्तावेज़	Experience Criteria,Past Performance,Bidder Turnover,Certificate (Requested in ATC),OEM Authorization Certificate,Compliance of BoQ specification and supporting document *In case any bidder is seeking exemption from Experience / Turnover Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by buyer
Past Performance/विगत प्रदर्शन	60 %
Bid to RA enabled/बिड से रिवर्स नीलामी सक्रिय किया	No
Type of Bid/बिड का प्रकार	Two Packet Bid

Bid Details/बिड विवरण

Time allowed for Technical Clarifications during technical evaluation/तकनीकी मूल्यांकन के दौरान तकनीकी स्पष्टीकरण हेतु अनुमत समय	2 Days
Inspection Required (By Empanelled Inspection Authority / Agencies pre-registered with GeM)	No
Evaluation Method/मूल्यांकन पद्धति	Total value wise evaluation

EMD Detail/ईएमडी विवरण

Advisory Bank/एडवाइजरी बैंक	PUNJAB NATIONAL BANK
EMD Amount/ईएमडी राशि	200000

ePBG Detail/ईपीबीजी विवरण

Advisory Bank/एडवाइजरी बैंक	PUNJAB NATIONAL BANK
ePBG Percentage(%) / ईपीबीजी प्रतिशत (%)	5.00
Duration of ePBG required (Months) / ईपीबीजी की अपेक्षित अवधि (महीने).	38

(a). EMD EXEMPTION: The bidder seeking EMD exemption, must submit the valid supporting document for the relevant category as per GeM GTC with the bid. Under MSE category, only manufacturers for goods and Service Providers for Services are eligible for exemption from EMD. Traders are excluded from the purview of this Policy./जेम की शर्तों के अनुसार ईएमडी छूट के इच्छुक बिडर को संबंधित कटेगरी के लिए बिड के साथ वैध समर्थित दस्तावेज प्रस्तुत करने हैं। एमएसई कटेगरी के अंतर्गत केवल वस्तुओं व निर्माता तथा सेवाओं के लिए सेवा प्रदाता ईएमडी से छूट के पात्र हैं। व्यापारियों को इस नीति के दायरे से बाहर रखा गया है।

(b). EMD & Performance security should be in favour of Beneficiary, wherever it is applicable./ईएमडी और संपादन जमानत जहां यह लागू होती है, लाभार्थी के पक्ष में होनी चाहिए।

Beneficiary/लाभार्थी :

NFSU Bhopal Campus

Account No. 4601000100071752 IFSC Code PUNB0208710 Bank Name Punjab National Bank Branch address GLOBU GREEN BAY MUBARAKPUR CHOURAHA Bhopal
(National Forensic Sciences University, Bhopal Campus)**Splitting/विभाजन**

Bid splitting not applied/बोली विभाजन लागू नहीं किया गया.

MSE Purchase Preference/एमएसई खरीद वरीयता

MSE Purchase Preference/एमएसई खरीद वरीयता	No
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Details of the Competent Authority for MSE

Name of Competent Authority	Department Of Expenditure
Designation of Competent Authority	Ministry Of Finance
Office / Department / Division of Competent Authority	Procurement Policy Division
CA Approval Number	OM No. F. 4/1/2023-PPD
Competent Authority Approval Date	03-04-2023
Brief Description of the Approval Granted by Competent Authority	Under provisions of above, bid tender is under exemption from Make IN INDIA (MII) Clause.

Competent Authority Approval for not opting Micro and Small Enterprises Preference : [View Document](#)

MII Purchase Preference/एमआईआई खरीद वरीयता

MII Purchase Preference/एमआईआई खरीद वरीयता	No
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Details of the Competent Authority for MII

Name of Competent Authority	Department Of Expenditure
Designation of Competent Authority	Ministry Of Finance
Office / Department / Division of Competent Authority	Procurement Policy Division
CA Approval Number	OM No. F. 4/1/2023-PPD
Competent Authority Approval Date	03-04-2023
Brief Description of the Approval Granted by Competent Authority	Under provisions of above, bid tender is under exemption from Make IN INDIA (MII) Clause.

Competent Authority Approval for not opting Make In India Preference : [View Document](#)

1. The minimum average annual financial turnover of the bidder during the last three years, ending on 31st March of previous financial year, should be as indicated above in the bid document. Documentary evidence in the form of certified Audited Balance Sheets of relevant periods or a certificate from the Chartered Accountant / Cost Accountant indicating the turnover details for the relevant period shall be uploaded with the bid. In case the date of constitution / incorporation of the bidder is less than 3-year-old, the average turnover in respect of the completed financial years after the date of constitution shall be taken into account for this criteria.

2. Experience Criteria: In respect of the filter applied for experience criteria, the Bidder or its OEM {themselves or through reseller(s)} should have regularly, manufactured and supplied same or similar Category Products to any Central / State Govt Organization / PSU / Public Listed Company for number of Financial years as indicated above in the bid document before the bid opening date. Copies of relevant contracts to be submitted along with bid in support of having supplied some quantity during each of the Financial year. In case of bunch bids, the category of primary product having highest value should meet this criterion.

3. Past Performance: The Bidder or its OEM {themselves or through re-seller(s)} should have supplied same or similar Category Products for 60% of bid quantity, in at least one of the last three Financial years before the bid opening date to any Central / State Govt Organization / PSU / Public Listed Company. Copies of relevant contracts (proving supply of cumulative order quantity in any one financial year) to be submitted along with bid in support of quantity supplied in relevant Financial year. In case of bunch bids, the category related to primary product having highest bid value should meet this criterion.

Fourier Transform Infra Red (FTIR) Spectrometer (1 pieces)

Technical Specifications/तकनीकी विशिष्टियाँ

* As per GeM Category Specification/जेम कैटेगरी विशिष्टि के अनुसार

Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
OPTICAL PERFORMANCE	Wavenumber- Maximum (Per cm)	6000, 7000, 7100, 7500, 7800, 8000, 12000
	Wavenumber - Minimum (Per cm)	350, 375, 450, 600
	Spectral (Wavenumber) Resolution (Per cm)	0.07, 0.25, 0.5, 0.8, 0.85, 0.9, 1, 2
	Spectral (Wave Number) Accuracy (Per cm) (+/-)	0.01, 0.05, 0.1
	Beam Splitter	KBr, ZnSe
	Automatic beam splitter changeover for MIR to NIR or MIR to FIR without manual intervention	Yes, No
	Mirror Coating	Aluminium, Gold
	Peak to Peak Signal to Noise Ratio for 1 minute scan	20000:1 or more, 30000:1 or more, 40000:1 or more, 45000:1 or more, 50000:1 or more, 55000:1 or more
DETECTOR	Detector Type	Deuterated L-Alanine doped Triglycine Sulphate (DLaTGS), Deuterated Triglycine Sulphate (DTGS), Broad band MCT, W-MCT, M-MCT, N-MCT, InGAs, InSb, LiTaO ₃ PAS, Si bolometer
	Detector having temperature control	Yes, No
LIGHT SOURCE	Light Source	Mid IR Source, White Light Source, Steady state infrared emitter, High intensity Ceramic light source, Halogen lamp, Water cooled mercury light source
SAMPLE TYPE / ANALYSIS FACILITY	Analyze Liquid samples	Yes, No
	Analyze Solid samples	Yes, No
	Analyze Powder samples	Yes, No
	Analyze thin films on metals samples	Yes, No
	Analyze Gas samples	Yes, No
SOFTWARE	Customizable Report Template	Yes, No
FTIR LIBRARIES	FTIR Georgian Crime Library - inclusive in the scope of supply	Yes, No
	FTIR Canadian Forensic Library - inclusive in the scope of supply	Yes, No

Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
	FTIR Sadler Drug Library - inclusive in the scope of supply	Yes, No
	FTIR Polymers & Polymer additives Library, nclusive in the scope of supply	Yes, No
	FTIR Surfactants Library, inclusive in the scope of supply	Yes, No
	FTIR Minerals & inorganic CompoundsLibrary, inclusive in the scope of supply	Yes, No
	FTIR Organic Compounds Library, inclusive in the scope of supply	Yes, No
	FTIR Drugs Library, inclusive in the scope of supply	Yes, No
	FTIR Adhesives & Sealants Library, inclusive in the scope of supply	Yes, No
	FTIR Cosmetics & Personal products Library, inclusive in the scope of supply	Yes, No
ACCESSORIES	Suitable Hydraulic Press 15 Ton for pellet/sample preparation - inclusive in the scope of supply	Yes, No
	Suitable Mortar and pestle - inclusive in the scope of supply	Yes, No
	Suitable Dies - inclusive in the scope of supply	Yes, No
	Suitable KBr set for Pellets - inclusive in the scope of supply	Yes, No
	KBr Powder - inclusive in the scope of supply	Yes, No
	Suitable Pellet holder - inclusive in the scope of supply	Yes, No
	Types of Suitable ATR - inclusive in the scope of supply	Yes, No
	ATR crystal - inclusive in the scope of supply	Diamond, ZnSe, Germanium (Ge), NA

Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
	Suitable Universal liquid cell holder - inclusive in the scope of supply	Yes, No
	Suitable Dry Box - inclusive in the scope of supply	Yes, No
	Suitable Replacement dessicant (rechargeable) - inclusive in the scope of supply	Yes, No
	Suitable Liquid Cell Window - inclusive in the scope of supply	Yes, No
	Liquid Cell Window material	KBr, ZnSe, CaF2, Csl, NaCl, KrS5, NA
	Shape of the Cell Window	Round, Rectangular, NA
	Suitable Gas cell - inclusive in the scope of supply	Yes, No
GENERIC	FTIR and Sample compartment having provision for purging with gas	Yes, No
	FTIR provided with in-built air drier for humidity and vapour protection	Yes, No
	Connectivity	USB, WIRELESS, WIFI, ETHERNET, Blue tooth, RS 232
OPERATING CONDITIONS	Minimum Operating Temperature	0, 5, 10, 20 (degree Celsius)
	Maximum Operating Temperature	30, 40, 45, 50, 55, 60 (degree Celsius)
	Operating Humidity (RH) (%) at 40 degree C	65, 70, 75, 80, 85, 90, 95 (percent)
WARRANTY / AVAILABILITY OF SPARES / TRAINING	Warranty on equipment	1, 2, 3, 5 (year)
	Warranty on Source	1, 2, 3, 5, 10 (year)
	Warranty on interferometer	1, 2, 3, 5, 10 (year)
	Warranty on Laser	1, 2, 3, 5, 10 (year)
	Onsite training	5, 7, 10, 15 (day)
CERTIFICATION	Availability of UL/CE Certification as per EN 61010-1:2010 Safety requirements for electrical equipment for measurement, control, and laboratory use General requirements	Yes, No

Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
	Conformance to EMC/EMI as per EN 61326-1:2013 Electrical equipment for measurement, control and laboratory use	Yes, No
	Availability of Test Reports from Central Govt / NABL approved / ILAC accredited Lab to prove conformity to the specification	Yes, No

Consignees/Reporting Officer/परेषिती/रिपोर्टिंग अधिकारी and/ तथा Quantity/मात्रा

S.No./क्र.सं	Consignee Reporting/Officer/परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्रा	Delivery Days/डिलीवरी दिन
1	Rajesh Singh Yadav	462030,National Forensic Sciences University (An Institute of National Importance- Ministry of Home Affairs- GoI) Bhopal Campus, C/O Central Forensic Science Laboratory, Barkheda Bonder , Bhopal, Madhya Pradesh, 462030	1	30

Buyer added Bid Specific Additional Specification - Drawings

S.No./क्र.सं	Document Title	Description	Applicable/रिवर्स प्रभार के अनुस जीएसटी i.r.o. Items
1	Detailed technical specifications of FTIR View	Detailed technical specifications of FTIR	Fourier Transform Infra Red (F Spectrometer(1)

The uploaded document only contains Buyer specific Additional Scope of Work and / or Drawings for the bid items added v due approval of Buyer's competent authority. Buyer has certified that these additional scope and drawings are generalized would not lead to any restrictive bidding.

Buyer Added Bid Specific Terms and Conditions/क्रेता द्वारा जोड़ी गई बिड की विशेष शर्तें

1. Generic

Bidder financial standing: The bidder should not be under liquidation, court receivership or similar proceedings, should not be bankrupt. Bidder to upload undertaking to this effect with bid.

2. **Generic**

Bidders shall quote only those products (Part of Service delivery) in the bid which are not obsolete in the market and has at least 5 years residual market life i.e. the offered product shall not be declared end-of-life by the OEM before this period.

3. **Generic**

Data Sheet of the product(s) offered in the bid, are to be uploaded along with the bid documents. Buyers can match and verify the Data Sheet with the product specifications offered. In case of any unexplained mismatch technical parameters, the bid is liable for rejection.

4. **Generic**

Experience Criteria: The Bidder or its OEM {themselves or through reseller(s)} should have regularly, manufactured and supplied same or similar Category Products to any Central / State Govt Organization / PSU Public Listed Company for 3 years before the bid opening date. Copies of relevant contracts to be submitted along with bid in support of having supplied some quantity during each of the year. In case of bunch bids, the primary product having highest value should meet this criterion.

5. **Generic**

IT equipment shall be IPv6 ready from day one.

6. **Generic**

Malicious Code Certificate:

The seller should upload following certificate in the bid:-

(a) This is to certify that the Hardware and the Software being offered, as part of the contract, does not contain Embedded Malicious code that would activate procedures to :-

- (i) Inhibit the desired and designed function of the equipment.
- (ii) Cause physical damage to the user or equipment during the exploitation.
- (iii) Tap information resident or transient in the equipment/network.

(b) The firm will be considered to be in breach of the procurement contract, in case physical damage, loss of information or infringements related to copyright and Intellectual Property Right (IPRs) are caused due to activation of any such malicious code in embedded software.

7. **Generic**

Manufacturer Authorization: Wherever Authorised Distributors/service providers are submitting the bid, Authorisation Form /Certificate with OEM/Original Service Provider details such as name, designation, address, mail Id and Phone No. required to be furnished along with the bid

8. **Generic**

Non return of Hard Disk: As per Buyer organization's Security Policy, Faulty Hard Disk of Servers/Desktop Computers/ Laptops etc. will not be returned back to the OEM/supplier against warranty replacement.

9. **Generic**

Without prejudice to Buyer's right to price adjustment by way of discount or any other right or remedy available to Buyer, Buyer may terminate the Contract or any part thereof by a written notice to the Seller, if:

- i) The Seller fails to comply with any material term of the Contract.
- ii) The Seller informs Buyer of its inability to deliver the Material(s) or any part thereof within the stipulated Delivery Period or such inability otherwise becomes apparent.
- iii) The Seller fails to deliver the Material(s) or any part thereof within the stipulated Delivery Period and/or to replace/rectify any rejected or defective Material(s) promptly.
- iv) The Seller becomes bankrupt or goes into liquidation.

- v) The Seller makes a general assignment for the benefit of creditors.
- vi) A receiver is appointed for any substantial property owned by the Seller.
- vii) The Seller has misrepresented to Buyer, acting on which misrepresentation Buyer has placed the Purchase Order on the Seller.

10. **Certificates**

Bidder's offer is liable to be rejected if they don't upload any of the certificates / documents sought in the Bid document, ATC and Corrigendum if any.

11. **Buyer Added Bid Specific ATC**

Buyer Added text based ATC clauses

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Other Terms and Conditions

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S. No.	Other Terms and Conditions	Compliance Yes
1	OEM Authorization - Bidders has to submit OEM Authorization certificate for the offered product (Make/Model) along with the bid.	
2	Onsite Warranty & Support - Warranty period of each item shall be onsite OEM warranty and the warranty period shall be as mentioned in the detailed technical specification from the date of final acceptance of goods or after completion of installation, commissioning & testing of goods at the consignee location. The Successful Bidder must submit the OEM Warranty certificates at the time of Commissioning of the items/items.	
3	<p>Performance Certificate from Clients: The bidders who bid for the equipment mandatorily submit performance certificate of the equipment from at least 3 clients within 5 years from the bid publication date, with valid email and Mobile number for verification of the performance of the equipment.</p> <p>Note:</p> <ol style="list-style-type: none"> 1. Installation/ report will not be considered as a performance certificate. 2. If the client submits poor performance report on official enquiry from NFSU Bhopal Campus side then the bid will be liable for rejection. 	
4	Scope of Work: SITC and demonstration of all items with all accessories as mentioned in the detailed specifications sheet.	
5	The Bidder should give self-declaration certificate for acceptance of all terms & conditions of tender documents. A duly completed certificate to this effect is to be submitted as per the Annexure-I of ATC on the letter head of the bidder. No other format will be considered.	

6	The firm should be neither blacklisted by any Central / State Government / Public Undertaking / Institute nor is any criminal case registered / pending against the firm or its owner / partners anywhere in India. A duly completed undertaking to this effect is to be submitted as per the Annexure-II of ATC on the letter head of the bidder. No other format will be considered.	
7	The Bidder should attach list of Purchase Order / Work Order for SITC of quoted item/items during last 3 year from the date of publication of tender. The details of the same along with work order with satisfactory completion certificate from clients are to be submitted with Annexure-IV of ATC on the letter head of the bidder.	
8	The Bidder should attach list of Purchase Order / Work Order for SITC of quoted item/items during last 3 year from the date of publication of tender. The details of the same along with work order with satisfactory completion certificate from clients are to be submitted with Annexure-III of ATC on the letter head of the bidder.	
9	Minimum Average Annual Turnover of the bidder (For 3 Years): 5 Lac Audited Balance Sheets of last 3 financial years (2019-20 to 2021-22 or 2020-2021 to 2022-23 must be submitted. Copies of duly audited profit & loss accounts / CA Certificate with UDIN are to be submitted as per the Annexure-IV of ATC .	
10	COMPANY DETAILS (Annexure-V of ATC).	
11	Compliance with Technical specification (Annexure-VI of ATC on the letter head of the bidder to be mandatorily submitted. No other format will be considered.) Variation will not be accepted in any case.	
12	All the documents mentioned above, are to be submitted duly filled and Seal signed in the provided format (Annexure) along with the bid. Without the above-mentioned documents in the provided format, the bid will be summarily rejected.	
13	SITC and demonstration to be completed within 30 days after receipt of the contract.	
14	Vendor must supply All the Hardware accessories required to install the equipment's.	

15	Seller should submit Brochure with Printed catalogue / or any other relevant document to be attached for justification of Specification Compliance sheet and detailed technical specifications of the equipment quoted and the product quoted should also be available on the website of OEM.	
16	Should be supplied with Minimum 3 years comprehensive warranty and should also quote the rates for AMC and CMC (Excluding Taxes) for further 05 years after completion of Warranty period.	
17	Vendors should comply to the norms of demonstration of entire equipment to be supplied to END User as and when asked by END user at actual Site of Installation during any stage of Administrative or Technical Scrutiny.	
18	Seller should be an authorized vendor for the sale of the quoted product as per the specifications required and should have authorized service Centre for any post delivery services, repairs or replacement or parts, products or requirement of accessories as and when needed and should have authorized service Centre in India and in the State where the product is to be delivered.	
19	Custom Clearance at Bhopal Airport. (In Case of Imported Items)	
20	Timely Servicing/rectification of defects during the warranty period: After having been notified of the defects/service requirement during the warranty period, Seller has to complete the required Service / Rectification within 7 days' time limit. If the Seller fails to complete service/rectification with the defined time limit, a penalty of 0.5% of the Unit Price of the product shall be charged as a penalty for each week of delay from the seller. Seller can deposit the penalty with the Buyer directly else the Buyer shall have a right to recover all such penalty amount from the Performance Security (PBG). Cumulative Penalty cannot exceed more than 10% of the total contract value after which the Buyer shall have the right to get the service/rectification done from alternate sources at the risk and cost of the Seller besides the forfeiture of PBG. The seller shall be liable to reimburse the Buyer for such service/rectification.	

Exemption from Make in India Purchase Preference: As per the OM No. F.4/1/2023-PPD dated 03.04.2023 Department of Expenditure, Ministry of Finance following equipment are exempted from the instructions related to GTEs issued by the Department as there is no local manufacturer is available:

1. FTIR (ATR) - at SI No. 191 of OM

21 **Make in India Purchase Preference policy will not be applicable** for above mentioned equipment as there is no local manufacturer is available.

OM No. F.4/1/2023-PPD dated 03.04.2023 Department of Expenditure, Ministry of Finance are available here:

<https://doe.gov.in/sites/default/files/Relaxation%20for%20procurement%20of%20certain%20items%20through%20Global%20Tender%20Enquiry.pdf>

Date:

Seal & Sign

Authorized Signatory

Date:

Name:

Place:

Designation:

Annexure-I

Undertaking

-

(Duly sealed and signed certificate on Company/ Firm's Letterhead)

To,

National Forensic Sciences Bhopal Campus

C/o CFSL Bhopal,

Barkheda Bonder, Indore Bhopal Highway,

Bhopal

Sir,

1. I /we hereby submit our Bid along-with all required documents as per the GeM Bid.
2. I / We hereby reconfirm and declare that I / We have carefully read, understood & complying the document including instructions, terms & conditions, Scope of work / Technical Specifications, Additional Terms & Conditions (ATC), Eligibility Criteria and all the contents stated therein.
3. I /we have gone through all terms and conditions of the tender including Additional Terms & Conditions (ATC), document before submitting the bid and the same is acceptable to me/us.

Date:

Authorized Signatory

Seal & Sign

Name:

Date:

Designation:

Place:

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Annexure-II

SELF-DECLARATION CERTIFICATE FOR THE CLEAN TRACK RECORD

(Duly sealed and signed certificate on Company/ Firm's Letterhead)

I hereby certify that the above firm neither blacklisted by any Central/State Government/Public Under ng/Institute nor is any criminal case registered / pending against the firm or its owner / partners anyw e in India.

I also certify that the above information is true and correct in any every respect and in any case at a r date it is found that any details provided above are incorrect, any contract given to the above firm r be summarily terminated and the firm blacklisted.

Date:

Authorized Signatory

Seal & Sign

Name:

Date:

Designation:

Place:

Annexure-III

Undertaking

-

(Duly sealed and signed certificate on Company/ Firm's Letterhead)

I hereby agree to take full responsibility of shifting the instrument at our own cost to the permanent pus at a later date even if the warranty period is over.

Date:

Authorized Signatory

Seal & Sign

Name:

Date:

Designation:

Place:

Annexure-IV

WORK EXPERIENCE

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Sn	Name of the Client	Order No.	AMOUNT	Remarks
1.				Supporting documents lik Purchase Order/ Work Order <u>along with satisfactory Completion certificate from client etc.</u>
2.				
3.				
4.				
5.				

Date:

Authorized Signatory

Seal & Sign

Name:

Date:

Designation:

Place:

Annexure-V

Average Annual Turnover Details

Evaluation Criteria			Remark
The annual financial turnover of the bidder, ending on 31st March of the year.	Financial Year	Turnover in Rs.	Supporting Documents are to be submitted
	2022-23		
	2021-22		
	2020-21		

Date:

Authorized Signatory

Seal & Sign

Name:

Date:

Designation:

Place:

** A copy of duly signed profit & loss accounts / CA Certificate with UDIN is to be submitted with the Annexure-IV of ATC.*

Annexure-VI

FTIR (ATR)

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Offered Make and Model Details

S. No.	Item Title	Quantity	Offered Make	Offered Model
1	FTIR (ATR)	1 No.		

Compliance with Technical specification

Sr. No.	Descriptions	Specifications	Complied Yes/No	Remark
1.	Spectral Range	Spectral range for spectrometer: 350 to 6000 cm^{-1} or better.		
2.	Noise cancellation	The signal to noise ratio must be of 40000:1 or better in 1 min, peak-to-peak or better		
3.	Resolution	Spectral resolution of spectrometer: 0.5 cm^{-1} or better		
4.	Wave-number accuracy	More than or equal to 0.1 cm^{-1} or better		
5.	Interferometer	The interferometer must be wear-free and permanently or dynamically aligned type of design to ensure highest reliability and accuracy.		
6.	Sensitivity	The spectrometer must offer rapid scan of 1 spectra/ sec rate or better.		
7.	Beam splitter	A dedicated beam splitters (KBr / ZnSe / KRS / BaF ₂ or better with moisture resistance capacity) must be available for Visible/Near IR, Mid IR, and Far IR analysis for better quality spectra.		
8.	Detector	Thermally insulated, temperature stabilized / controlled DTGS type / doped DLaTGS type /MCT type.		
9.	Source	Suitable IR sources of high quality, high performance and longer life should offer minimum warranty of more than or equal to 5 years.		

10	Mirrors	Gold coated high reflectivity mirrors or better should be provided to cover above mentioned spectral range.		
14	Warranty on Interferometer design	System should come with 10 years warranty on interferometer design.		
15	Software	State of the art software for data acquisition , data processing, data evaluation and data visualization/reporting, etc. Software should have tools for Quantification method development and chemometric algorithms like PLS , PCR. Software should have advanced processing features.		
16	ATR	Pure Diamond ATR should be provided with more than or equal to 10 years warranty on diamond crystal. ATR Accessory to analyse all type of sample like Powder, Liquid, Gel & Paste without any sample preparation.		
18	Other Accessories:	1) Demountable cell with KBr and BaF2 windows and assorted PTFE spacers for liquid samples. 2) General purpose FT-IR sampling kit: 15 ton hydraulic KBr press pellet holder, KBr die set, polyethylene powder, agate pestle and mortar etc. should be quoted.		
19	Library	In built library of chemical compounds with equal to or more than 10000 spectra must be provided. Spectral libraries containing 25000 or more Library of compounds with Licensed copies of Aldrich, Forensic Library or equivalent library supplier consisting of ATR spectra from Forensics, Narcotics, polymers, monomers, additives, plasticizer, fillers, building materials, cosmetics, excipients, organic and inorganic chemicals, biochemicals, fibres, proteins, fatty acids, lipids, ingredients , natural products, silicon containing compounds, solvents, pesticides, pollutants, semiconductors, dyes, paints, coatings, food, food additives, minerals, lubricants, surfactants, kidney stones, pharmaceuticals and drugs, must be supplied. The libraries must have valid part number with license and valid certificates without which the bid will not be considered		

20	Branded desktop	Recent model for spectrometer control and data acquisition with following specifications should be supplied. Intel i7 processor, more than 3 GHz Turbo 16GBRAM 256GB SSD or better 1TB Hard Drive or better CD/DVD writer 23.8inch min. TFT display 2 or more USB 3.0, 4 or more USB 2.0 (or better) 2x RJ-45 Network, 1 Serial, 1 VGA, Display Port, Line-in (stereo/ microphone), Line-out (headphone/speaker), 2 or more PCIe Operating System: Windows 10Enterprise.		
21	Printer	Colour laser printer compatible with the system.		
22	Warranty	Warranty: 3 years onsite OEM warranty from the date of installation and final acceptance and back up of parts for 5 years including periodic calibration and servicing whenever required.		
23	Documentation	User/Technical/Maintenance manuals to be supplied in English. Log book with instructions for daily, weekly, monthly and quarterly maintenance checklist. The job description of the company service engineer should be clearly spelt out. List of important spare parts and accessories with their part number and costing.		
24	UPS	2 KVA UPS with minimum 15 Min. backup compatible with equipment		

Please Note:

1. Only reputed brands are acceptable.
2. Please upload the offered product brochure along with Annexure VI.

Date:

Authorized Signatory

Seal& Sign

Name:

Place:

Designation:

12. Buyer Added Bid Specific ATC

Buyer uploaded ATC document [Click here to view the file.](#)

Disclaimer/अस्वीकरण

The additional terms and conditions have been incorporated by the Buyer after approval of the Competent Authority, Buyer Organization, whereby Buyer organization is solely responsible for the impact of these clauses on the bidding process, its outcome, and consequences thereof including any eccentricity / restriction arising in the bidding process due to these ATCs and due to modification of technical specifications and / or terms and conditions governing the bid. Any clause(s) incorporated by the Buyer regarding following shall be treated as null and void and would not be considered as part of bid:-

1. Definition of Class I and Class II suppliers in the bid not in line with the extant Order / Office Memorandum issued by DPIIT in this regard.
2. Seeking EMD submission from bidder(s), including via Additional Terms & Conditions, in contravention to exemption provided to such sellers under GeM GTC.
3. Publishing Custom / BOQ bids for items for which regular GeM categories are available without any Category is bunched with it.
4. Creating BoQ bid for single item.
5. Mentioning specific Brand or Make or Model or Manufacturer or Dealer name.
6. Mandating submission of documents in physical form as a pre-requisite to qualify bidders.
7. Floating / creation of work contracts as Custom Bids in Services.
8. Seeking sample with bid or approval of samples during bid evaluation process.
9. Mandating foreign / international certifications even in case of existence of Indian Standards without specifying equivalent Indian Certification / standards.
10. Seeking experience from specific organization / department / institute only or from foreign / export experience.
11. Creating bid for items from irrelevant categories.
12. Incorporating any clause against the MSME policy and Preference to Make in India Policy.
13. Reference of conditions published on any external site or reference to external documents/clauses.
14. Asking for any Tender fee / Bid Participation fee / Auction fee in case of Bids / Forward Auction, as the case may be.

Further, if any seller has any objection/grievance against these additional clauses or otherwise on any aspect of this they can raise their representation against the same by using the Representation window provided in the bid details in Seller dashboard after logging in as a seller within 4 days of bid publication on GeM. Buyer is duty bound to reply to such representations and would not be allowed to open bids if he fails to reply to such representations.

[This Bid is also governed by the General Terms and Conditions/ यह बिड सामान्य शर्तों के अंतर्गत भी शासित है](#)

border with India will be eligible to bid in this tender only if the bidder is registered with the Competent Authority. While participating in bid, Bidder has to undertake compliance and any false declaration and non-compliance of this would be a ground for immediate termination of the contract and further legal action in accordance with the law of the country. The bidder shall be responsible for obtaining all necessary clearances from the concerned authorities. The bidder shall be responsible for obtaining all necessary clearances from the concerned authorities. The bidder shall be responsible for obtaining all necessary clearances from the concerned authorities.

की सामान्य शर्तों के खंड 26 के संदर्भ में भारत के साथ भूमि सीमा साझा करने वाले देश के बिडर से खरीद पर प्रतिबंध के संबंध में भारत के भूमि सीमा साझा करने वाले देश का कोई भी बिडर इस निविदा में बिड देने के लिए तभी पात्र होगा जब वह बिड देने वाला सक्षम प्राधिकारी वे पंजीकृत हो। बिड में भाग लेते समय बिडर को इसका अनुपालन करना होगा और कोई भी गलत घोषणा किए जाने व इसका अनुपालन न कर अनुबंध को तत्काल समाप्त करने और कानून के अनुसार आगे की कानूनी कार्रवाई का आधार होगा।

---Thank You/धन्यवाद---