

Bid Document

Bid Details	
Bid End Date/Time	31-10-2022 18:00:00
Bid Opening Date/Time	31-10-2022 18:30:00
Bid Offer Validity (From End Date)	180 (Days)
Ministry/State Name	Ministry Of Science And Technology
Department Name	Department Of Scientific And Industrial Research (dsir)
Organisation Name	Council Of Scientific And Industrial Research (csir)
Office Name	Central Drug Research Institute
Total Quantity	1
Item Category	Fourier Transform Infra Red (FTIR) Spectrometer (Q2)
Minimum Average Annual Turnover of the bidder (For 3 Years)	50 Lakh (s)
OEM Average Turnover (Last 3 Years)	50 Lakh (s)
Years of Past Experience Required for same/similar service	3 Year (s)
MSE Exemption for Years Of Experience and Turnover	Yes
Startup Exemption for Years Of Experience and Turnover	Yes
Document required from seller	Experience Criteria,Bidder Turnover,OEM Authorization Certificate,OEM Annual Turnover *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 the buyer
Bid to RA enabled	No
Time allowed for Technical Clarifications during technical evaluation	2 Days
Estimated Bid Value	2500000
Evaluation Method	Total value wise evaluation

EMD Detail

Advisory Bank	State Bank of India
EMD Percentage(%)	3.20
EMD Amount	80000

ePBG Detail

Advisory Bank	State Bank of India
ePBG Percentage(%)	3.00
Duration of ePBG required (Months).	62

(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.

(b). EMD & Performance security should be in favour of Beneficiary, wherever it is applicable.

Beneficiary:

Director

Central Drug Research Institute, Department of Scientific and Industrial Research (DSIR), Council of Scientific and Industrial Research (CSIR), Ministry of Science and Technology, Jankipuram Extension Sitapur Road Lucknow (The Director, Cdri, Lucknow)

Splitting

Bid splitting not applied.

MII Purchase Preference

MII Purchase Preference	Yes
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MSE Purchase Preference

MSE Purchase Preference	Yes
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1. If the bidder is a Micro or Small Enterprise as per latest definitions under MSME rules, the bidder shall be exempted from the requirement of "Bidder Turnover" criteria and "Experience Criteria" subject to meeting of quality and technical specifications. If the bidder is OEM of the offered products, it would be exempted from the "OEM Average Turnover" criteria also subject to meeting of quality and technical specifications. In case any bidder is seeking exemption from Turnover / Experience Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer.
2. If the bidder is a Startup, the bidder shall be exempted from the requirement of "Bidder Turnover" criteria and "Experience Criteria" subject to their meeting of quality and technical specifications. If the bidder is OEM of the offered products, it would be exempted from the "OEM Average Turnover" criteria also subject to meeting of quality and technical specifications. In case any bidder is seeking exemption from Turnover / Experience Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer.
3. The minimum average annual financial turnover of the bidder during the last three years, ending on 31st March of the 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.
4. 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.

5. OEM Turn Over Criteria: The minimum average annual financial turnover of the OEM of the offered product during the last three years, ending on 31st March of the previous financial year, should be as indicated 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 OEM 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.

6. Preference to Make In India products (For bids > 200 Crore) (can also be used in Bids < 200 Crore but only after exemption by competent authority as defined in Deptt of Expenditure OM dated 28.5.2020): Preference shall be given to Class 1 local supplier as defined in public procurement (Preference to Make in India), Order 2017 as amended from time to time and its subsequent Orders/Notifications issued by concerned Nodal Ministry for specific Goods/Products. The minimum local content to qualify as a Class 1 local supplier is denoted in the bid document. If the bidder wants to avail the Purchase preference, the bidder must upload a certificate from the OEM regarding the percentage of the local content and the details of locations at which the local value addition is made along with their bid, failing which no purchase preference shall be granted. In case the bid value is more than Rs 10 Crore, the declaration relating to percentage of local content shall be certified by the statutory auditor or cost auditor, if the OEM is a company and by a practicing cost accountant or a chartered accountant for OEMs other than companies as per the Public Procurement (preference to Make-in -India) order 2017 dated 04.06.2020. In case Buyer has selected Purchase preference to Micro and Small Enterprises clause in the bid, the same will get precedence over this clause.

7. Purchase preference to Micro and Small Enterprises (MSEs): Purchase preference will be given to MSEs as defined in Public Procurement Policy for Micro and Small Enterprises (MSEs) Order, 2012 dated 23.03.2012 issued by Ministry of Micro, Small and Medium Enterprises and its subsequent Orders/Notifications issued by concerned Ministry. If the bidder wants to avail the Purchase preference, the bidder must be the manufacturer of the offered product in case of bid for supply of goods. Traders are excluded from the purview of Public Procurement Policy for Micro and Small Enterprises. In respect of bid for Services, the bidder must be the Service provider of the offered Service. Relevant documentary evidence in this regard shall be uploaded along with the bid in respect of the offered product or service. If L-1 is not an MSE and MSE Seller (s) has/have quoted price within L-1+ 15% (Selected by Buyer) of margin of purchase preference /price band defined in relevant policy, such Seller shall be given opportunity to match L-1 price and contract will be awarded for 25%(selected by Buyer) percentage of total QUANTITY.

8. Estimated Bid Value indicated above is being declared solely for the purpose of guidance on EMD amount and for determining the Eligibility Criteria related to Turn Over, Past Performance and Project / Past Experience etc. This has no relevance or bearing on the price to be quoted by the bidders and is also not going to have any impact on bid participation. Also this is not going to be used as a criteria in determining reasonableness of quoted prices which would be determined by the buyer based on its own assessment of reasonableness and based on competitive prices received in Bid / RA process.

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

(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively)

Brand Type	Registered Brand
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Technical Specifications

[* As per GeM Category Specification](#)

Specification	Specification Name	Bid Requirement (Allowed Values)
OPTICAL PERFORMANCE	Wavenumber- Maximum (Per cm)	8000
	Wavenumber - Minimum (Per cm)	350
	Spectral (Wavenumber) Resolution (Per cm)	0.8
	Spectral (Wave Number) Accuracy (Per cm) (+/-)	0.05

Specification	Specification Name	Bid Requirement (Allowed Values)
	Beam Splitter	KBr
	Automatic beam splitter changeover for MIR to NIR or MIR to FIR without manual intervention	No
	Mirror Coating	Aluminium
	Peak to Peak Signal to Noise Ratio for 1 minute scan	30000:1 or more
DETECTOR	Detector Type	Deuterated Triglycine Sulphate (DTGS)
	Detector having temperature control	No
LIGHT SOURCE	Light Source	High intensity Ceramic light source
SAMPLE TYPE / ANALYSIS FACILITY	Analyze Liquid samples	Yes
	Analyze Solid samples	Yes
	Analyze Powder samples	Yes
	Analyze thin films on metals samples	Yes
	Analyze Gas samples	Yes
SOFTWARE	Customizable Report Template	Yes
FTIR LIBRARIES	FTIR Georgian Crime Library - inclusive in the scope of supply	Yes
	FTIR Canadian Forensic Library - inclusive in the scope of supply	Yes
	FTIR Sadler Drug Library - inclusive in the scope of supply	Yes
	FTIR Polymers & Polymer additives Library, nclusive in the scope of supply	Yes
	FTIR Surfactants Library, inclusive in the scope of supply	Yes
	FTIR Minerals & inorganic CompoundsLibrary, inclusive in the scope of supply	Yes
	FTIR Organic Compounds Library, inclusive in the scope of supply	Yes
	FTIR Drugs Library, inclusive in the scope of supply	Yes

Specification	Specification Name	Bid Requirement (Allowed Values)
	FTIR Adhesives & Sealants Library, inclusive in the scope of supply	Yes
	FTIR Cosmetics & Personal products Library, inclusive in the scope of supply	No
ACCESSORIES	Suitable Hydraulic Press 15 Ton for pellet/sample preparation - inclusive in the scope of supply	Yes
	Suitable Mortar and pestle - inclusive in the scope of supply	Yes
	Suitable Dies - inclusive in the scope of supply	Yes
	Suitable KBr set for Pellets - inclusive in the scope of supply	Yes
	KBr Powder - inclusive in the scope of supply	Yes
	Suitable Pellet holder - inclusive in the scope of supply	Yes
	Types of Suitable ATR - inclusive in the scope of supply	Yes
	ATR crystal - inclusive in the scope of supply	Diamond
	Suitable Universal liquid cell holder - inclusive in the scope of supply	Yes
	Suitable Dry Box - inclusive in the scope of supply	No
	Suitable Replacement dessicant (rechargeable) - inclusive in the scope of supply	No
	Suitable Liquid Cell Window - inclusive in the scope of supply	Yes
	Liquid Cell Window material	KBr
	Shape of the Cell Window	Rectangular
	Suitable Gas cell - inclusive in the scope of supply	Yes

Specification	Specification Name	Bid Requirement (Allowed Values)
GENERIC	FTIR and Sample compartment having provision for purging with gas	Yes
	FTIR provided with in-built air drier for humidity and vapour protection	No
	Connectivity	USB
OPERATING CONDITIONS	Minimum Operating Temperature	20.0
	Maximum Operating Temperature	30.0
	Operating Humidity (RH) (%) at 40 degree C	65.0
WARRANTY / AVAILABILITY OF SPARES / TRAINING	Warranty on equipment	1.0
	Warranty on Source	10.0
	Warranty on interferometer	10.0
	Warranty on Laser	10.0
	Onsite training	5.0
CERTIFICATION	Certifications	ISO
	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
	Conformance to EMC/EMI as per EN 61326-1:2013 Electrical equipment for measurement, control and laboratory use	Yes
	Availability of Test Reports from Central Govt / NABL approved / ILAC accredited Lab to prove conformity to the specification	No

Additional Specification Parameters - Fourier Transform Infra Red (FTIR) Spectrometer (1 pieces)

Specification Parameter Name	Bid Requirement (Allowed Values)
Interferometer: Dynamically aligned/Dyna Scan/Michelson Sealed and desiccated interferometer optical system, Spectral Resolution: without using any external device.	Should be provide in the bid
Laser: Temperature controlled solid-state Near-IR diode laser, Wavenumber Precision: 0.01 cm-1 at 2000-3000 cm-1, Wavenumber accuracy: 0.1 cm-1 at 2000-3000 cm-1, Automatic Inbuilt NIST-traceable 1.5 MIL polystyrene film with 5 years validity	Should be provide in the bid
<ul style="list-style-type: none"> • The software must be provided for seamless control of FTIR and ATR system. • Atmospheric Vapour Compensation. • Spectral Comparison. • Multiple spectra handling, Automatic accessory detection and performance verification. 	Should be provide in the bid
System must have a feature to take background automatically when idle to save time of analysis. Multi-component search for mixture analysis, Automated workflow creation, System must also support automatic background collection .	Should be provide in the bid
Computer- at least 16 GB memory, 2 TB Hard Drive, window 10 professional, 24-inch monitor & laser printer Accessories- • Hydraulic press-01, Agate Mortar, pestle-01, Die set-02, pallet holder-02, KBr powder-1Kg	Should be provide in the bid

* Bidders offering must also comply with the additional specification parameters mentioned above.

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Kanchan Bala	226031,CSIR-Central Drug Research Institute Sector 10, Jankipuram Extension, Sitapur Road,Lucknow 226031, Uttar Pradesh, INDIA	1	30

Buyer Added Bid Specific Terms and Conditions

1. Generic

OPTION CLAUSE: The Purchaser reserves the right to increase or decrease the quantity to be ordered up to 25 percent of bid quantity at the time of placement of contract. The purchaser also reserves the right to increase the ordered quantity by up to 25% of the contracted quantity during the currency of the contract at the contracted rates. Bidders are bound to accept the orders accordingly.

2. Warranty

Warranty period of the supplied products shall be 5 years from the date of final acceptance of goods or after completion of installation, commissioning & testing of goods (if included in the scope of supply), at consignee location. OEM Warranty certificates must be submitted by Successful Bidder at the time of delivery of Goods. The seller should guarantee the rectification of goods in case of any break down during the guarantee period. Seller should have well established Installation, Commissioning, Training, Troubleshooting and Maintenance Service group in INDIA for attending the after sales service. Details of Service Centres near consignee destinations are to be uploaded along with the bid.

3. Scope of Supply

Scope of supply (Bid price to include all cost components) : Supply Installation Testing and Commissioning of Goods

4. Service & Support

Availability of Service Centres: Bidder/OEM must have a Functional Service Centre in the State of each Consignee's Location in case of carry-in warranty. (Not applicable in case of goods having on-site warranty). If service center is not already there at the time of bidding, successful bidder / OEM shall have to establish one within 30 days of award of contract. Payment shall be released only after submission of documentary evidence of having Functional Service Centre.

5. Generic

Bidders are advised to check applicable GST on their own before quoting. Buyer will not take any responsibility in this regards. GST reimbursement will be as per actuals or as per applicable rates (whichever is lower), subject to the maximum of quoted GST %.

6. 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.

7. Generic

Upload Manufacturer authorization: Wherever Authorised Distributors are submitting the bid, Manufacturers Authorisation Form (MAF)/Certificate with OEM details such as name, designation, address, e-mail Id and Phone No. required to be furnished along with the bid.

8. Generic

Supplier shall ensure that the Invoice is raised in the name of Consignee with GSTIN of Consignee only.

9. Generic

While generating invoice in GeM portal, the seller must upload scanned copy of GST invoice and the screenshot of GST portal confirming payment of GST.

10. Forms of EMD and PBG

Bidders can also submit the EMD with Account Payee Demand Draft in favour of THE DIRECTOR CDRI payable at LUCKNOW.
Bidder has to upload scanned copy / proof of the DD along with bid and has to ensure delivery of hardcopy to the Buyer within 5 days of Bid End date / Bid Opening date.

11. Forms of EMD and PBG

Bidders can also submit the EMD with Banker's Cheque in favour of THE DIRECTOR CDRI payable at LUCKNOW.
Bidder has to upload scanned copy / proof of the BC along with bid and has to ensure delivery of hardcopy to the Buyer within 5 days of Bid End date / Bid Opening date.

12. Buyer Added Bid Specific ATC

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

13. Service & Support

Dedicated /toll Free Telephone No. for Service Support : BIDDER/OEM must have Dedicated/toll Free Telephone No. for Service Support.

14. Service & Support

Escalation Matrix For Service Support : Bidder/OEM must provide Escalation Matrix of Telephone Numbers for Service Support.

15. OEM

IMPORTED PRODUCTS: In case of imported products, OEM or Authorized Seller of OEM should have a registered office in India to provide after sales service support in India. The certificate to this effect should be submitted.

16. Forms of EMD and PBG

Successful Bidder can submit the Performance Security in the form of Account Payee Demand Draft also (besides PBG which is allowed as per GeM GTC). DD should be made in favour of DIRECTOR, CDRI, payable at S.B.I., LUCKNOW. After award of contract, Successful Bidder can upload scanned copy of the DD in place of PBG and has to ensure delivery of hard copy to the original DD to the Buyer within 15 days of award of contract.

17. Forms of EMD and PBG

Successful Bidder can submit the Performance Security in the form of Fixed Deposit Receipt also (besides PBG which is allowed as per GeM GTC). FDR should be made out or pledged in the name of DIRECTOR, CDRI, LUCKNOW A/C (Name of the Seller). The bank should certify on it that the deposit can be withdrawn only on the demand or with the sanction of the pledgee. For release of Security Deposit, the FDR will be released in favour of bidder by the Buyer after making endorsement on the back of the FDR duly signed and stamped along with covering letter. Successful Bidder has to upload scanned copy of the FDR document in place of PBG and has to ensure delivery of hard copy of Original FDR to the Buyer within 15 days of award of contract.

Disclaimer

The additional terms and conditions have been incorporated by the Buyer after approval of the Competent Authority in Buyer Organization. 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 incorporated by the Buyer such as demanding Tender Sample, incorporating any clause against the MSME policy and Preference to make in India Policy, mandating any Brand

names or Foreign Certification, changing the default time period for Acceptance of material or payment timeline governed by OM of Department of Expenditure shall be null and void and would not be considered part of bid. Further any reference of conditions published on any external site or reference to external documents/clauses shall also be null and void. If any seller has any objection/grievance against these additional clauses or otherwise on any aspect of this bid, they can raise their representation against the same by using the Representation window provided in the bid details field in Seller dashboard after logging in as a seller within 4 days of bid publication on GeM. Buyer is duty bound to reply to all such representations and would not be allowed to open bids if he fails to reply to such representations. Also, GeM does not permit collection of Tender fee / Auction fee in case of Bids / Forward Auction as the case may be. Any stipulation by the Buyer seeking payment of Tender Fee / Auction fee through ATC clauses would be treated as null and void.

[This Bid is also governed by the General Terms and Conditions](#)

In terms of GeM GTC clause 26 regarding Restrictions on procurement from a bidder of a country which shares a land border with India, any bidder from a country which shares a land 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 of this 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 laws.

---Thank You---