

### Bid Document

Bid Details	
Bid End Date/Time	01-02-2021 20:00:00
Bid Opening Date/Time	01-02-2021 20:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	40 (Days)
Ministry/State Name	Ministry Of Human Resource Development
Department Name	Department Of Higher Education
Organisation Name	Cooch Behar Panchanan Barma University
Office Name	Cooch Behar
Total Quantity	1
Item Category	Fourier Transform Infra Red (FTIR) Spectrometer ( <b>PAC Only</b> )
Bidder Turnover (Last 3 Years)	10 Lakh (s)
OEM Average Turnover (Last 3 Years)	30 Lakh (s)
Experience Criteria	3 Year (s)
MSE Exemption for Years of Experience and Turnover	No
Startup Exemption for Years of Experience and Turnover	No
Document required from seller	Experience Criteria,Past Performance,Bidder Turnover,Certificate (Requested in ATC),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
Past Performance	50 %
Bid to RA enabled	No
Time allowed for Technical Clarifications during technical evaluation	20 Days
Inspection Required	No
Evaluation Method	Total value wise evaluation

#### EMD Detail

Required	No
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#### ePBG Detail

Required	No
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#### Splitting

Bid splitting not applied.

1. 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.

2. 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.

3. Past Performance: The Bidder or its OEM {themselves or through re-seller(s)} should have supplied same or similar Category Products for 50% 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 the 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 ) ( Under PAC )

Make	perkinelmer
Model	spectrumtwo

#### Technical Specifications

[\\* As per GeM Category Specification](#)

Specification	Specification Name	Bid Requirement (Allowed Values)
OPTICAL PERFORMANCE	<b>Wavenumber- Maximum (Per cm)</b>	8000
	<b>Wavenumber - Minimum (Per cm)</b>	350
	<b>Spectral (Wavenumber) Resolution (Per cm)</b>	0.5
	<b>Spectral (Wave Number) Accuracy (Per cm) (+/-)</b>	0.1
	<b>Beam Splitter</b>	KBr
	<b>Automatic beam splitter changeover for MIR to NIR or MIR to FIR without manual intervention</b>	No
	<b>Mirror Coating</b>	Aluminium
	<b>Peak to Peak Signal to Noise Ratio for 1 minute scan</b>	40000:1 or more
DETECTOR	<b>Detector Type</b>	Deuterated Triglycine Sulphate (DTGS)
	<b>Detector having temperature control</b>	Yes
LIGHT SOURCE	<b>Light Source</b>	Mid IR Source
SAMPLE TYPE / ANALYSIS FACILITY	<b>Analyze Liquid samples</b>	Yes

	<b>Analyze Solid samples</b>	Yes
	<b>Analyze Powder samples</b>	Yes
	<b>Analyze thin films on metals samples</b>	Yes
	<b>Analyze Gas samples</b>	Yes
<b>SOFTWARE</b>	<b>Customizable Report Template</b>	Yes
<b>FTIR LIBRARIES</b>	<b>FTIR Georgian Crime Library - inclusive in the scope of supply</b>	No
	<b>FTIR Canadian Forensic Library - inclusive in the scope of supply</b>	No
	<b>FTIR Sadler Drug Library - inclusive in the scope of supply</b>	No
	<b>FTIR Polymers &amp; Polymer additives Library, inclusive in the scope of supply</b>	No
	<b>FTIR Surfactants Library, inclusive in the scope of supply</b>	No
	<b>FTIR Minerals &amp; inorganic Compounds Library, inclusive in the scope of supply</b>	No
	<b>FTIR Organic Compounds Library, inclusive in the scope of supply</b>	No
	<b>FTIR Drugs Library, inclusive in the scope of supply</b>	No
	<b>FTIR Adhesives &amp; Sealants Library, inclusive in the scope of supply</b>	No
	<b>FTIR Cosmetics &amp; Personal products Library, inclusive in the scope of supply</b>	No
<b>ACCESSORIES</b>	<b>Suitable Hydraulic Press 15 Ton for pellet/sample preparation - inclusive in the scope of supply</b>	Yes
	<b>Suitable Mortar and pestle - inclusive in the scope of supply</b>	Yes
	<b>Suitable Dies - inclusive in the scope of supply</b>	Yes
	<b>Suitable KBr set for Pellets - inclusive in the scope of supply</b>	Yes
	<b>KBr Powder - inclusive in the scope of supply</b>	Yes
	<b>Suitable Pellet holder - inclusive in the scope of supply</b>	Yes
	<b>Types of Suitable ATR - inclusive in the scope of supply</b>	No

	<b>ATR crystal - inclusive in the scope of supply</b>	NA
	<b>Suitable Universal liquid cell holder - inclusive in the scope of supply</b>	Yes
	<b>Suitable Dry Box - inclusive in the scope of supply</b>	No
	<b>Suitable Replacement dessicant (rechargeable) - inclusive in the scope of supply</b>	No
	<b>Suitable Liquid Cell Window - inclusive in the scope of supply</b>	Yes
	<b>Liquid Cell Window material</b>	KBr
	<b>Shape of the Cell Window</b>	Rectangular
	<b>Suitable Gas cell - inclusive in the scope of supply</b>	No
GENERIC	<b>FTIR and Sample compartment having provision for purging with gas</b>	No
	<b>FTIR provided with in-built air drier for humidity and vapour protection</b>	No
	<b>Connectivity</b>	USB
OPERATING CONDITIONS	<b>Minimum Operating Temperature</b>	20.0
	<b>Maximum Operating Temperature</b>	40.0
	<b>Operating Humidity (RH) (%) at 40 degree C</b>	65.0
WARRANTY / AVAILABILITY OF SPARES / TRAINING	<b>Warranty on equipment</b>	1.0
	<b>Warranty on Source</b>	10.0
	<b>Warranty on interferometer</b>	10.0
	<b>Warranty on Laser</b>	10.0
	<b>Onsite training</b>	5.0
CERTIFICATION	<b>Availability of UL/CE Certification as per EN 61010-1:2010 Safety requirements for electrical equipment for measurement, control, and laboratory use General requirements</b>	No
	<b>Conformance to EMC/EMI as per EN 61326-1:2013 Electrical equipment for measurement, control and laboratory use</b>	No
	<b>Availability of Test Reports from Central Govt / NABL approved / ILAC accredited Lab to prove conformity to the specification</b>	No

**Consignees/Reporting Officer and Quantity**

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Abdul Kader Safily	736101,COOCH BEHAR PANCHANAN BARMA UNIVERSITY Vivekananda Street,	1	15

**Bid Specific Additional Terms and Conditions**

- 1.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.
- 2.Bidder Turn Over Criteria: 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 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.
- 3.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. In case of bunch bids, the OEM of CATEGORY RELATED TO primary product having highest bid value should meet this criterion.
- 4.Successful bidder will have to ensure that adequate number of dedicated technical service personals / engineers are designated / deployed for attending to the Service Request in a time bound manner and for ensuring Timely Servicing / rectification of defects during warranty period, as per Service level agreement indicated in the relevant clause of the bid.

[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---**