

### Bid Document

Bid Details	
Bid End Date/Time	08-01-2021 10:00:00
Bid Opening Date/Time	08-01-2021 10:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	30 (Days)
Ministry/State Name	Rajasthan
Department Name	Technical Education Department Rajasthan
Organisation Name	Rajasthan Technical University (rtu) Kota
Office Name	Rajasthan Technical University Kota
Total Quantity	1
Item Category	SPECTROPHOTOMETER
MSE Exemption for Years of Experience and Turnover	No
Startup Exemption for Years of Experience and Turnover	No
Document required from seller	OEM Authorization Certificate *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
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.

### SPECTROPHOTOMETER ( 1 pieces )

#### Technical Specifications

\* As per GeM Category Specification

Specification	Specification Name	Bid Requirement (Allowed Values)
LIGHT SOURCE	<b>Light Source</b>	Deuterium Lamp, Tungsten Halogen Lamp
	<b>Diffraction Grating (lines/mm)</b>	1200
	<b>Switching of Light Source</b>	Automatic
	<b>Wavelength Setting And Scanning</b>	Automatic
TYPE	<b>Type of Spectrophotometer</b>	UV - VISIBLE
	<b>Type of Optical System</b>	Double Beam
	<b>Monochromator Type</b>	Czerny-turner
	<b>Detector Type</b>	Photodiode
	<b>Spectral Bandwidth Type</b>	Fixed Bandwidth
OPTICAL PERFORMANCE	<b>Source Wavelength - Minimum</b>	190.0
	<b>Source Wavelength - Maximum</b>	1100, 1500, 2000, 2500, 2700, 3000, 3200, 3300, 1650 Or higher
	<b>Resolution</b>	1.0
	<b>Wavelength Accuracy (+/-)</b>	0.1
	<b>Bandwidth (nm)</b>	1
	Scanning Speed (nm/min)	5000
	<b>Focal length (mm)</b>	0 to 49
	<b>Photometric measurement modes</b>	Transmittance, Absorbance, Concentration (Wavelength, time), Reflectance, Energy
	<b>Photometric Absorbance (Max) (Abs) (+/-)</b>	4
	<b>Photometric Absorbance Accuracy (Max) (+/-)</b>	0.001 - 0.002 Or lower
	<b>Photometric Transmittance (Max) (+/-)</b>	100.0
	<b>Photometric Transmittance Accuracy (Max) (+/-)</b>	0.0 - 0.5 Or lower
	<b>Photometric Reflectance (Max) (+/-)</b>	100.0
	Photometric Reflectance Accuracy (Max) (+/-)	0.0 - 0.5 Or lower
	Stray Light Correction	Automatic
Baseline Correction	Automatic	

GENERIC	<b>Display</b>	In-built display
	<b>Display type</b>	LCD touchscreen
	<b>Display Size</b>	6.0 - 30.0 Or higher
	<b>Test result printing</b>	Through external printer
	<b>If inbuilt printer, Type of printer</b>	Dot matrix
	Connectivity	USB, ETHERNET, RS 232
	<b>Internal storage(GB)</b>	32.0 - 80.0 Or higher
	Sample switching/selection	Manual
	<b>Mximum Path Length of sample</b>	100.0
	<b>Number of Cuvettes supplied-inclusive in the scope of supply</b>	10
	Power Supply	230 V ± 10, 50 Hz
	<b>Spares and Consumables inclusive in the scope of supply</b>	No
	OPERATING CONDITIONS	<b>Minimum Operating Temperature</b>
<b>Maximum Operating Temperature</b>		35.0
<b>Operating Humidity (RH) (%) at 40 degree C</b>		80.0
WARRANTY	<b>Onsite Warranty</b>	1.0
	<b>Availability of Spares (at extra cost)</b>	10.0
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>	Yes
	<b>Conformance to EMC/EMI as per EN 61326-1:2013 Electrical equipment for measurement, control and laboratory use</b>	Yes
	<b>Availability of Test Reports from Central Govt / NABL approved / ILAC accredited lab to prove conformity to the specification</b>	No

\* Specifications highlighted in bold are the Golden Parameters.

\* Bidders may note that In respect of non-golden Parameters, the specifications 'Values' chosen by Buyer will generally

be preferred over 'Bid requirement ( allowed Values) by the Buyer.

#### Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	V V D N Kamesh	324010,Rajasthan Technical University, Rawatbhata Road,	1	30

#### Bid Specific Additional Terms and Conditions

- 1.Scope of supply (Bid price to include all cost components) : Supply Installation Testing and Commissioning of Goods
- 2.The bidder is required to upload, along with the bid, all relevant certificates such as BIS licence, type test certificate, approval certificates and other certificates as prescribed in the Product Specification given in the bid document.
- 3.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.
- 4.Dedicated /toll Free Telephone No. for Service Support : BIDDER/OEM must have Dedicated/toll Free Telephone No. for Service Support.
- 5.Warranty period of the supplied products shall be as given in specifications 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.
- 6.Timely Servicing / rectification of defects during warranty period: After having been notified of the defects / service requirement during warranty period, Seller has to complete the required Service / Rectification within 3 days time limit. If the Seller fails to complete service / rectification with defined time limit, a penalty of 0.5% of Unit Price of the product shall be charged as 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 forfeiture of PBG. Seller shall be liable to re-imburse the cost of such service / rectification to the Buyer.

[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---**