

Bid Document

Bid Details	
Bid End Date/Time	23-07-2020 15:00:00
Bid Opening Date/Time	23-07-2020 15:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	30 (Days)
Ministry/State Name	Tamil Nadu
Department Name	Higher Education Department Tamil Nadu
Organisation Name	Bharathiar University
Office Name	Tamil Nadu
Total Quantity	1
Item Category	SPECTROPHOTOMETER
MSE Exemption for Years of Experience and Turnover	No
Startup Exemption for Years of Experience and Turnover	No
Bid to RA enabled	No
Inspection Required	No

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	Values	Bid Requirement (Allowed Values)
LIGHT SOURCE	Light Source	Deuterium Lamp,Tungsten Halogen Lamp,Halogen Lamp	Halogen Lamp, Deuterium Lamp, Tungsten Halogen Lamp
	Diffraction Grating (lines/mm)	1200	1200
	Switching of Light Source	Automatic	Automatic
	Wavelength Setting And Scanning	Automatic	Automatic
TYPE	Type of Spectrophotometer	UV - VISIBLE	UV - VISIBLE
	Type of Optical System	Double Beam	Double Beam
	Monochromator Type	Holographic Grating	Holographic Grating
	Detector Type	Photodiode	Photodiode
	Spectral Bandwidth Type	Fixed Bandwidth	Fixed Bandwidth
OPTICAL PERFORMANCE	Source Wavelength - Minimum	190	190.0
	Source Wavelength - Maximum	1100	1100, 1500, 2000, 2500, 2700, 3000, 3200, 3300, 1650 Or higher
	Resolution	0.002	0.002
	Wavelength Accuracy (+/-)	0.1	0.1
	Bandwidth (nm)	1	1
	If variable band width, Specify the incremental step value(mm)	NA	*
	Scanning Speed (nm/min)	3000	*
	Focal length (mm)	300 and above	300 and above
	Photometric measurement modes	Transmittance,Absorbance,Concentration (Wavelength, time)	Transmittance, Absorbance, Concentration (Wavelength, time)
	Photometric Absorbance (Max) (Abs) (+/-)	3	3
	Photometric Absorbance	0.001	0.001 - 0.001 Or lower

GENERIC	Accuracy (Max) (+/-)		
	Photometric Transmittance (Max) (+/-)	100	100.0
	Photometric Transmittance Accuracy (Max) (+/-)	0.001	0.0 - 0.001 Or lower
	Photometric Reflectance (Max) (+/-)	100	100.0
	Photometric Reflectance Accuracy (Max) (+/-)	0.002	*
	Stray Light Correction	Automatic	*
	Baseline Correction	Automatic	*
	Display	Through PC	Through PC
	Display type	LCD with Backlight	LCD with Backlight
	Display Size	4	4.0 - 30.0 Or higher
	Test result printing	Through external printer	Through external printer
	If inbuilt printer, Type of printer	Dot matrix	Dot matrix
	Suitable software for connecting PC & Printer	Yes	*
	Connectivity	USB, RS 232	*
	Internal storage(GB)	0	0.0 - 80.0 Or higher
	Sample switching/selection	Automatic	*
	Capacity of Sample holder / Sample Carousel	2	*
	Maximum Path Length of sample	10	10.0
	Number of Cuvettes supplied-inclusive in the scope of supply	10	10
	Power Supply	230 V \pm 10, 50 Hz	*
	Any other features/accessories covered in scope of supply	-	*
	Spares and Consumables inclusive in the scope of supply	Yes	Yes

	List of Items and Quantity of each item included in the offer	-	*
OPERATING CONDITIONS	Minimum Operating Temperature	5	5.0
	Maximum Operating Temperature	45	45.0
	Operating Humidity (RH) (%) at 40 degree C	90	90.0
WARRANTY	Onsite Warranty	1	1.0
	Availability of Spares (at extra cost)	2	2.0
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	Yes
	Conformance to EMC/EMI as per EN 61326-1:2013 Electrical equipment for measurement, control and laboratory use	No	No
	Availability of Test Reports from Central Govt / NABL approved / ILAC accredited lab to prove conformity to the specification	No	No
	If yes test report to furnished, to the buyer on demand	Yes	*
	Test Report number and date	-	*
	Name and address of the Lab	-	*

* 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.

Additional Specification Documents

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Jayalakshmi P	641046, The Registrar, Bharathiar University, Coimbatore 641046	1	30

Bid Specific Additional Terms and Conditions

1. **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. **Consortium:** In case of Contracts, wherein the seller alone does not have necessary expertise, the seller can form consortium with other sellers for submission of the bid, with one of the consortium company as leader. However, each and every member of the consortium shall be equally responsible for the complete execution of the project contract. An undertaking to this effect is to be uploaded with bid.
3. **End User Certificate:** Wherever Bidders are insisting for End User Certificate from the Buyer, same shall be provided in Buyer's standard format only.
4. Scope of supply (Bid price to include all cost components) : Supply Installation Testing Commissioning of Goods and Training of operators and providing Statutory Clearances required (if any)
5. 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.
6. Dedicated /toll Free Telephone No. for Service Support : BIDDER/OEM must have Dedicated/toll Free Telephone No. for Service Support.
7. Escalation Matrix For Service Support : Bidder/OEM must provide Escalation Matrix of Telephone Numbers for Service Support.

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

---Thank You---