

Bid Document

Bid Details	
Bid End Date/Time	20-07-2020 17:00:00
Bid Opening Date/Time	20-07-2020 17:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	60 (Days)
Ministry/State Name	Pmo
Department Name	Department Of Atomic Energy
Organisation Name	N/a
Office Name	Directorate Of Purchase And Stores
Total Quantity	2
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 (2 pieces)

Technical Specifications

* As per GeM Category Specification

Specification	Specification Name	Values	Bid Requirement (Allowed Values)
LIGHT SOURCE	Light Source	Halogen Lamp	Halogen Lamp
	Diffraction Grating (lines/mm)	600	600
	Switching of Light Source	Mannual	Mannual
	Wavelength Setting And Scanning	Mannual	Mannual
TYPE	Type of Spectrophotometer	VISIBLE	VISIBLE
	Type of Optical System	Single Beam	Single Beam
	Monochromator Type	Holographic Grating	Holographic Grating
	Detector Type	Photodiode	Photodiode
	Spectral Bandwidth Type	Fixed Bandwidth	Fixed Bandwidth
OPTICAL PERFORMANCE	Source Wavelength - Minimum	340	340.0
	Source Wavelength - Maximum	1000	1000, 1100, 1500, 2000, 2500, 2700, 3000, 3200, 3300, 1650 Or higher
	Resolution	1	1.0
	Wavelength Accuracy (+/-)	2	2.0
	Bandwidth (nm)	5.0	4.0
	If variable band width, Specify the incremental step value(mm)	NA	*
	Scanning Speed (nm/min)	0	*
	Focal length (mm)	0 to 49	0 to 49
	Photometric measurement modes	Transmittance,Absorbance,Concentration (Wavelength, time)	Transmittance, Absorbance, Concentration (Wavelength, time)
	Photometric Absorbance (Max) (Abs) (+/-)	2.5	2.5
	Photometric Absorbance Accuracy (Max) (+/-)	0.005	0.001 - 0.005 Or lower

GENERIC	Photometric Transmittance (Max) (+/-)	0	0.0
	Photometric Transmittance Accuracy (Max) (+/-)	0	0.0 - 0.0 Or lower
	Photometric Reflectance (Max) (+/-)	0	0.0
	Photometric Reflectance Accuracy (Max) (+/-)	0	*
	Stray Light Correction	Automatic	*
	Baseline Correction	Automatic	*
	Display	Through PC	Through PC
	Display type	LCD with Backlight	LCD with Backlight
	Display Size	0	0.0 - 30.0 Or higher
	Test result printing	Through external printer	Through external printer
	If inbuilt printer, Type of printer	N/A	N/A
	Suitable software for connecting PC & Printer	N/A	*
	Connectivity	RS 232	*
	Internal storage(GB)	0	0.0 - 80.0 Or higher
	Sample switching/selection	Manual	*
	Capacity of Sample holder / Sample Carousel	2	*
	Mximum 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	No	No
	List of Items and Quantity of each item	-	*

	included in the offer		
OPERATING CONDITIONS	Minimum Operating Temperature	0	0.0
	Maximum Operating Temperature	35	35.0
	Operating Humidity (RH) (%) at 40 degree C	85	85.0
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	No	No
	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	N/A	*
	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	S T Esaivani	603102,KALPAKKAM	2	90

Bid Specific Additional Terms and Conditions

1. Scope of supply (Bid price to include all cost components) : Only supply of Goods
2. The buyer organization is an institution eligible for concessional rates of GST as notified by the Government of India. The goods for which bids have been invited fall under classification of GST concession and the conditions for eligibility of concession are met by the institution. A certificate to this effect will be issued by Buyer to the Seller after award of the Contract. Sellers are requested to submit their bids after accounting for the Concessional rate of GST. Applicable Concessional rate of GST : 5%
Notification No.and date : 45/2017 AND 47/2017 dated 14/11/2017

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

---Thank You---