

Yogendra Pal 01/07/2020



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RA Number: GEM/2020/RA/44116  
Dated: 01-07-2020

**RA Document**

**RA Details**

RA Technical End Date/Time	11-07-2020 13:00:00
RA Opening Date/Time	11-07-2020 13:30:00
RA Life Cycle (From Publish Date)	90 (Days)
RA Offer Validity (From End Date)	80 (Days)
Ministry/State Name	Ministry Of Human Resource Development
Department Name	Department Of Higher Education
Organisation Name	University Of Delhi
Office Name	University Of Delhi
Total Quantity	1
Item Category	SPECTROPHOTOMETER
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, 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
Past Performance	50 %
Inspection Required	No

**EMD Detail**

Required	No
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**ePBG Detail**

Required	No
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**Splitting**

RA splitting not applied.

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**ePBG Detail**

Required	No
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RA 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 years as indicated 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 year. In case of bunch bids, the category of primary product having highest value should meet this criterion.

2. 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 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 year) to be submitted along with bid in support of quantity supplied in the relevant year. In case of bunch bids, the category related to primary product having highest bid value should meet this criterion.

## **SPECTROPHOTOMETER ( 1 pieces )**

### **Technical Specifications**

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

<b>Specification</b>	<b>Specification Name</b>	<b>Values</b>	<b>Bid Requirement (Allowed Values)</b>
LIGHT SOURCE	<b>Light Source</b>	Deuterium Lamp, Tungsten Halogen Lamp	Deuterium Lamp, Tungsten Halogen Lamp
	<b>Diffraction Grating (lines/mm)</b>	1200	1200
	<b>Switching of Light Source</b>	Automatic	Automatic
	<b>Wavelength Setting And Scanning</b>	Automatic	Automatic
TYPE	<b>Type of Spectrophotometer</b>	UV - VISIBLE	UV - VISIBLE
	<b>Type of Optical System</b>	Double Beam	Double Beam
	<b>Monochromator Type</b>	Czerny-turner	Czerny-turner
	<b>Detector Type</b>	Photodiode	Photodiode
	<b>Spectral Bandwidth Type</b>	Fixed Bandwidth	Fixed Bandwidth
OPTICAL PERFORMANCE	<b>Source Wavelength - Minimum</b>	190	190.0
	<b>Source Wavelength - Maximum</b>	1100	1100, 1500, 2000, 2500, 2700, 3000, 3200, 3300, 1650 Or higher

	<b>Resolution</b>	1	1.0
	<b>Wavelength Accuracy (+/-)</b>	0.1	0.1
	<b>Bandwidth (nm)</b>	1	1
	If variable band width, Specify the incremental step value(mm)	NA	*
	Scanning Speed (nm/min)	5000	*
	<b>Focal length (mm)</b>	0 to 49	0 to 49
	<b>Photometric measurement modes</b>	Transmittance,Absorbance,Concentration (Wavelength, time),Reflectance,Energy	Transmittance, Absorbance, Concentration (Wavelength, time), Reflectance, Energy
	<b>Photometric Absorbance (Max) (Abs) (+/-)</b>	4	4
	<b>Photometric Absorbance Accuracy (Max) (+/-)</b>	0.002	0.001 - 0.002 Or lower
	<b>Photometric Transmittance (Max) (+/-)</b>	100	100.0
	<b>Photometric Transmittance Accuracy (Max) (+/-)</b>	0.5	0.0 - 0.5 Or lower
	<b>Photometric Reflectance (Max) (+/-)</b>	100	100.0
	Photometric Reflectance Accuracy (Max) (+/-)	0.002	*
	Stray Light Correction	Automatic	*
	Baseline Correction	Automatic	*
GENERIC	<b>Display</b>	In-built display	In-built display
	<b>Display type</b>	LCD touchscreen	LCD touchscreen
	<b>Display Size</b>	6	6.0 - 30.0 Or higher
	<b>Test result printing</b>	Through external printer	Through external printer
	<b>If inbuilt printer, Type of printer</b>	N/A	N/A
	Suitable software for connecting PC & Printer	Yes	*
	Connectivity	USB,WIFI,RS 232	*

	<b>Internal storage(GB)</b>	32	32.0 - 80.0 Or higher
	Sample switching/selection	Manual	*
	Capacity of Sample holder / Sample Carousel	1	*
	<b>Mximum Path Length of sample</b>	100	100.0
	<b>Number of Cuvettes supplied-inclusive in the scope of supply</b>	10	10
	Power Supply	230 V $\pm$ 10, 50 Hz	*
	Any other features/accessories covered in scope of supply	-	*
	<b>Spares and Consumables inclusive in the scope of supply</b>	No	No
	List of Items and Quantity of each item included in the offer	-	*
OPERATING CONDITIONS	<b>Minimum Operating Temperature</b>	10	10.0
	<b>Maximum Operating Temperature</b>	35	35.0
	<b>Operating Humidity (RH) (%) at 40 degree C</b>	80	80.0
WARRANTY	<b>Onsite Warranty</b>	1	1.0
	<b>Availability of Spares (at extra cost)</b>	7	7.0
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	Yes
	<b>Conformance to EMC/EMI as per EN 61326-1:2013 Electrical equipment</b>	Yes	Yes

	<b>for measurement, control and laboratory use</b>		
	<b>Availability of Test Reports from Central Govt / NABL approved / ILAC accredited lab to prove conformity to the specification</b>	No	No
	If yes test report to be furnished, to the buyer on demand	N/A	*

\* 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

#### Consignee/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days	
1	Yogender Pal Khansa	110021, Department of Microbiology, South Campus, Benito Juarez Road, University of Delhi, New Delhi.	1	30	N/A

### 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. 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)
3. ISO 9001: The bidder must have ISO 9001 certification.
4. 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.
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. In case of bunch bids, the OEM of CATEGORY RELATED TO primary product having highest bid value should meet this criterion.
6. 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.
  7. Dedicated /toll Free Telephone No. for Service Support : BIDDER/OEM must have Dedicated/toll Free Telephone No. for Service Support.
  8. Escalation Matrix For Service Support : Bidder/OEM must provide Escalation Matrix of Telephone Numbers for Service Support.
  9. 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 7 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.
  10. The Bidder / OEM {themselves or through reseller(s)}, should have executed project for supply and installation / commissioning of same or similar Category Products during preceding 3 financial years (i.e. current year and three previous financial years) as on opening of bid, as per following criteria:
    - (i) Single order of at least 35% of estimated bid value; or
    - (ii) Two orders of at least 20% each of estimated bid value; or
    - (iii) Three orders of at least 15% each of estimated bid value.Satisfactory Performance certificate issued by respective Buyer Organization for the above Orders should be uploaded with bid. In case of bunch bids, the Category related to primary product having highest bid value should meet this criterion
  11. **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.
  12. **OPTION CLAUSE:** The Purchaser reserves the right to increase or decrease the quantity to be ordered up to 25 percent 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.
  13. 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 : 47/2017-Integrated Tax Rate dated 14/11/2017

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

---Thank You---