

### Bid Document

Bid Details	
Bid End Date/Time	27-07-2020 18:00:00
Bid Opening Date/Time	27-07-2020 18:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	60 (Days)
Ministry/State Name	Odisha
Department Name	Home Department Odisha
Organisation Name	State Forensic Science Laboratory Bhubaneswar
Office Name	Bhubaneswar
Total Quantity	1
Item Category	SPECTROPHOTOMETER
Experience Criteria	1 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	10 %
Bid to RA enabled	Yes
Inspection Required	Yes
Inspection to be carried out by Buyers own empanelled agency	Yes
Type Of Inspection	Post Dispatch
Name of the Empanelled Inspection Agency/ Authority	Board of Officers

### EMD Detail

Advisory Bank	State Bank of India
EMD Percentage(%)	2.00
EMD Amount	35000

### ePBG Detail

Advisory Bank	State Bank of India
ePBG Percentage(%)	5.00

Duration of ePBG required (Months).	36
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(a). EMD EXEMPTION: The bidder seeking EMD exemption, must submit the valid supporting document for the relevant category as per GeM GTC with the bid. Under MSE category, only manufacturers for goods and Service Providers for Services are eligible for exemption from EMD. Traders are excluded from the purview of this Policy.

(b). EMD & Performance security should be in favour of Beneficiary, wherever it is applicable.

#### Beneficiary:

Deputy Director

BHUBANESWAR, Home Department Odisha, State Forensic Science Laboratory Bhubaneswar,  
(Pramod Kumar Maharana)

#### 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 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 10% 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](#)

Specification	Specification Name	Values	Bid Requirement (Allowed Values)
LIGHT SOURCE	<b>Light Source</b>	Halogen Lamp,Deuterium Lamp	Halogen Lamp, Deuterium Lamp, LED, Tungsten Halogen Lamp, Xenon Flash
	<b>Diffraction Grating (lines/mm)</b>	1200	600, 800, 1000, 1200, 1400, 1600, 1800
	<b>Switching of Light Source</b>	Automatic	Automatic, Mannual, NA
	<b>Wavelength Setting And Scanning</b>	Automatic	Automatic, Mannual
TYPE	<b>Type of Spectrophotometer</b>	UV - VISIBLE	UV - VISIBLE, VISIBLE, UV - VISIBLE - IR, NIR
	<b>Type of Optical System</b>	Double Beam	Single Beam, Split Beam, Double Beam
	<b>Monochromator Type</b>	Czerny-turner	Reflexive Grating, Holographic Grating, Czerny-turner, NA, Scanning grating
	<b>Detector Type</b>	Photodiode	Photo Multiplier Tube (PMT), Photodiode, CMOS, Diode

			array, Silicon, Silicon & Lead Sulfide, Indium Gallium Arsenide (InGaAs)
	<b>Spectral Bandwidth Type</b>	Variable Bandwidth	Fixed Bandwidth, Variable Bandwidth
OPTICAL PERFORMANCE	<b>Source Wavelength - Minimum</b>	190	*
	<b>Source Wavelength - Maximum</b>	1100	*
	<b>Resolution</b>	0.2	0.002, 0.3, 0.5, 1, 1.25, 1.5, 1.7, 2, 0.2, 0.01
	<b>Wavelength Accuracy (+/-)</b>	0.1	0.1, 0.3, 0.5, 0.8, 1, 1.5, 2, 2.5, 0.05
	<b>Bandwidth (nm)</b>	0.2	*
	If variable band width, Specify the incremental step value(mm)	0.2	*
	Scanning Speed (nm/min)	5000	*
	<b>Focal length (mm)</b>	100 to 149	0 to 49, 50 to 99, 100 to 149, 150 to 199, 200 to 249, 250 to 299, 300 and above
	<b>Photometric measurement modes</b>	Transmittance,Absorbance, Concentration (Wavelength, time),Reflectance	Transmittance, Absorbance, Concentration (Wavelength, time), Reflectance, Energy, Polarisation
	<b>Photometric Absorbance (Max) (Abs) (+/-)</b>	3	0.2 - 8
	<b>Photometric Absorbance Accuracy (Max) (+/-)</b>	0.003	0.001 - 0.5
	<b>Photometric Transmittance (Max) (+/-)</b>	100	0 - 100
	<b>Photometric Transmittance Accuracy (Max) (+/-)</b>	0.002	0 - 0.5
	<b>Photometric Reflectance (Max) (+/-)</b>	100	0 - 100
	Photometric Reflectance Accuracy (Max) (+/-)	0.5	*
	Stray Light Correction	Automatic	*
	Baseline Correction	Automatic	*
GENERIC	<b>Display</b>	Through PC	In-built display, Through PC
	<b>Display type</b>	LED	LCD with Backlight, LED, LCD touchscreen, TFT, NA
	<b>Display Size</b>	17	0 - 30
	<b>Test result printing</b>	Through external printer	Through inbuilt Printer, Through external printer
	<b>If inbuilt printer, Type of printer</b>	N/A	Thermal printer, Dot matrix, Laser b/w, Inkjet b/w, Color laser, Color inkjet, N/A
	Suitable software for connecting PC & Printer	Yes	*

	Connectivity	USB	*
	<b>Internal storage(GB)</b>	80	0 - 80
	Sample switching/selection	Manual	*
	Capacity of Sample holder / Sample Carousel	2	*
	<b>Mximum Path Length of sample</b>	100	0 - 120
	<b>Number of Cuvettes supplied-inclusive in the scope of supply</b>	10	*
	Power Supply	230 V $\pm$ 10, 50 Hz	*
	<b>Spares and Consumables inclusive in the scope of supply</b>	No	Yes, No
	List of Items and Quantity of each item included in the offer	-	*
OPERATING CONDITIONS	<b>Minimum Operating Temperature</b>	10	-5, -10, 0, 5, 10
	<b>Maximum Operating Temperature</b>	35	35, 40, 45, 50, 55, 60
	<b>Operating Humidity (RH) (%) at 40 degree C</b>	90	80, 85, 90, 95
WARRANTY	<b>Onsite Warranty</b>	3	1, 2, 3, 4, 5
	<b>Availability of Spares (at extra cost)</b>	10	2, 3, 4, 5, 6, 7, 8, 10
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, No
	<b>Conformance to EMC/EMI as per EN 61326-1:2013 Electrical equipment for measurement, control and laboratory use</b>	Yes	Yes, No
	<b>Availability of Test Reports from Central Govt / NABL approved / ILAC accredited lab to prove conformity to the specification</b>	No	Yes, No
	If yes test report to 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

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Sk Golam Ahmmed	751010,AT/POST- RASULGARH, BHUBANESWAR	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.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.Material Test Certificate Should Be Sent Along with The Supply. The Material Will Be Checked by Buyer's Lab & the Results of the Lab will be the Sole Criteria for Acceptance of the Item.
- 5.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.

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

**---Thank You---**