

Bid Document

Bid Details	
Bid End Date/Time	21-01-2019 11:00:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	15 (Days)
Ministry/State Name	Ministry Of Water Resources River Development And Ganga Rejuvenation
Department Name	Na
Organisation Name	Central Water Commission (cwc)
Office Name	Office Of The Chief Engineer, Teesta Basin Organisation, 2nd Mile, Sevoke Road, Siliguri, Dist- Darjeeling, West Bengal- 734001
Total Quantity	1
Item Category	SPECTROPHOTOMETER
Average Turn Over of Last 3 Years	5 Lakh (s)
MSE Exemption For Years Of Experience And Turnover	No

SPECTROPHOTOMETER (1)

Technical Specifications

[* As per GeM Category Specification](#)

Specification	Specification Name	Values	Allowed Values
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
LIGHT SOURCE	Light Source	Deuterium Lamp, Tungsten Halogen Lamp	Deuterium Lamp

OPTICAL PERFORMANCE	Diffraction Grating (lines/mm)	1200	1200
	Switching of Light Source	Automatic	Automatic
	Wavelength Setting And Scanning	Automatic	Automatic
	Source Wavelength - Minimum	190	190.0
	Source Wavelength - Maximum	1100	1100, 1500, 2000, 2500, 2700, 3000, 3200, 3300 Or higher
	Resolution	0.3	0.3
	Wavelength Accuracy (+/-)	0.3	0.3
	Bandwidth (nm)	1	1
	If variable band width, Specify the incremental step value(mm)	NA	*
	Scanning Speed (nm/min)	3000	*
	Focal length (mm)	100 to 149	100 to 149
	Photometric measurement modes	Transmittance,Absorbance,Concentration (Wavelength, time)	Transmittance
	Photometric Absorbance (Max) (Abs) (+/-)	3	0.2 - 8
	Photometric Absorbance Accuracy (Max) (+/-)	0.002	0.001 - 0.5
	Photometric Transmittance (Max) (+/-)	100	0 - 100
	Photometric Transmittance Accuracy (Max) (+/-)	0.3	0 - 0.5
	Photometric Reflectance (Max) (+/-)	0	0 - 100
	Photometric Reflectance Accuracy (Max) (+/-)	0	*
	Stray Light Correction	Automatic	*
	Baseline Correction	Automatic	*
GENERIC	Display	In-built display	In-built display, Through PC

	Display type	LCD with Backlight	LCD with Backlight, LED, LCD touchscreen, TFT, NA
	Display Size	7	0 - 30
	Test result printing	Through external printer	Through inbuilt Printer, Through external printer
	If inbuilt printer, Type of printer	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, RS 232	*
	Internal storage(GB)	0	0 - 32
	Sample switching/selection	Automatic	*
	Capacity of Sample holder / Sample Carousel	2	*
	Maximum Path Length of sample	100	0 - 120
	Number of Cuvettes supplied	10	10, 25, 50, 100, 200, 300, 400, 500
	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	Yes, No
	List of Items and Quantity of each item included in the offer	-	*
OPERATING CONDITIONS	Minimum Operating Temperature	5	-5, -10, 0, 5, 10
	Maximum Operating Temperature	40	35, 40, 45, 50, 55, 60
	Operating Humidity (RH) (%) at 40 degree C	80	80, 85, 90, 95
WARRANTY	Onsite Warranty	1	1, 2, 3, 4, 5
	Availability of Spares (at extra cost)	5	2, 3, 4, 5, 6, 7, 8, 10

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	Yes, No
	Conformance to EMC/EMI as per EN 61326-1:2013 Electrical equipment for measurement, control and laboratory use	No	Yes, No
	Availability of Test Reports from Central Govt / NABL approved / ILAC accredited lab to prove conformity to the specification	No	Yes, 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	-	*

* Bold specifications are the golden parameters.

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Shahadat Ali	735101, Hakimpura Jalpaiguri	1	15

EMD Detail

Required	No
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ePBG Detail

Required	No
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Splitting

Bid splitting not applied.

Buyer Specific Additional Terms and Conditions

1. **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)
2. **Procurement under this bid is reserved for purchase from :** Local Supplier as defined in Public Procurement (Preference to Make in India), Order 2017 and its subsequent Orders / Notifications issued by concerned Nodal Ministry for specific Goods/ Products.
3. **Inspection charges shall be borne by the supplier and it shall not be reimbursed by indenter to them at any point in time. Cost of inspection shall be factored in by the supplier in the cost of the product itself while submitting bid. The inspection agency will conduct the inspection and submit the certificate to the supplier as well as the buyers and consignees. The bidder will be solely responsible for pre-inspected material for Quality Assurance including pre-despatch inspection/ testing at manufacturer's site by NABL Accredited Lab**

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

---Thank You---