

**Indian Institute of Technology, Kanpur
Department of Biological Sciences and Bioengineering**

Tender Document

Sub: ENQUIRY LETTER FOR NANODROP LITE SPECTROPHOTOMETER

Tender Enquiry Number: IITK/BSBE/JGR/2022/02

Enquiry Date: 20.12.2022

Closing Date: 16.01.2023

Opening Date: 17.01.2023

Quotations are invited for the above-mentioned subject as per the technical specifications given below:

Specifications

Instrument Type	Spectrophotometer
Instrument Control	Local control
Minimum Sample Size	1 μ L
Sample Number	1
Pathlength(s)	0.5 mm
Light Source(s)	Light emitting diodes
Excitation Maxima of LEDs	N/A
Detector Type	Silicon photodiode
Wavelength Range	260 and 280 nm
Wavelength Accuracy	N/A
Spectral Resolution	<8.0 nm
Typical Measurement Reproducibility	0.002*
Absorbance Accuracy**	3% (at 1.05 Abs at 260 nm)
Absorbance Range (10 mm equivalent)	0–30 Abs
Lower Limit of Detection	4 ng/ μ L (dsDNA) 0.12 mg/mL (BSA)
Maximum Concentration	1500 ng/ μ L (dsDNA) 45 mg/mL (BSA)
Measurement Time	<5 seconds
Footprint	16 \times 11.5 cm
Weight	0.8 kg
Sample Pedestal Material of Construction	303 stainless steel and quartz fiber
Cuvette Position	N/A
Operating Voltage	6 V (DC)
Operating Power Consumption	18 W
Standby Power Consumption	<2.5 W
Software Compatibility	Stand-alone control with data export via USB Flash Drive

Note: The Quotation should reach the undersigned on or before 16th January, 2023 (05:00 p.m.)

PI / Indentor Details:

Dr. Jayandharan G Rao

Professor

Lab-13, MGT Lab

Dept. of Biological Sciences and Bioengineering

Indian Institute of Technology, Kanpur-208016

Contact: 0512 259 4086, e-mail ID:

jayrao@iitk.ac.in

Terms and Conditions:

1. Quotation should be sent to the e-mail ID of the PI/ Indentor (jayrao@iitk.ac.in)
2. Maximum discount should be offered
3. Quotations should be valid for minimum 90 days
4. Payment terms should be mentioned in the quote
5. All process should be **F.O.R.**
6. Delivery period will be 8-12 weeks after receipt of purchase order.
7. IIT Kanpur is partially exempted from payment of Customs Duty (We will provide Custom Duty Exemption Certificate, CD applicable is 5.5%).
8. Manufacturer authorization certificate from principal company is required if you are a local supplier
9. Include Proprietary Article Certificate (PAC) if applicable.
10. The Institute reserves the right of accepting or rejecting any quotation or bid without assigning any reason thereof.
11. All prices should be mentioned F.O.B/CIP/CIF New Delhi or Destination at IIT Kanpur.
12. Payment Terms: 100% after supply of the materials.
13. Bidder must clearly mention their contact details with address and email ID.



Signature of the PI/ Indentor

Dr. Jayandharan G. Rao, Ph.D.
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Department of Biological
Sciences and Bioengineering
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