

**SCHOOL OF BIOCHEMICAL ENGINEERING
INDIAN INSTITUTE OF TECHNOLOGY(B H U)
VARANASI – 221 005, INDIA**

ENQUIRY

Ref: IIT(BHU)/AM/15-16/02

Date: February 25, 2016

Due Date: 06.03.2016

Dear Sir,

Please submit your lowest quotation for supplying the under mentioned items. Quotation must reach us before the date marked above and should contain the following information:

1. Full specification and make of the item offered and its rate F.O.R. IIT (BHU) Varanasi in INR including tax, duties clearing charges etc.
2. Sales tax at concessional rate as applicable to educational institution.
3. Your sales tax registration number and TAN number.
4. Conditions of supply and terms of payment.
5. If you are a manufacture of the item or if you have proprietary right over it, please mention it in the quotation and provide a certificate.
6. Please mention your agency commission in Indian Rs., if applicable (in case of imported items).
7. We will provide custom duty exemption certificate/excise duty exemption certificate/road permit if required.
8. Please give undertaking as per annexure-I-B

Quotation must be sent in a **sealed envelope** with word "**QUOTATION**", our reference number, and due date as given above, clearly marked over it.

Sl. No.	ITEM	Approx. Qty.
1	• Nano Spectrophotometer	01

Specification details:

Minimum Sample Size: 0.5 µl

Sample Number: 1

Path Length: 1 mm (auto-ranging to 0.05 mm)

Light Source: Xenon flash lamp

Detector Type: 2048-element linear silicon CCD array

Wavelength Range: 190 – 840 nm

Wavelength Accuracy: 1 nm

Spectral Resolution: <1.8 nm (FWHM at Hg 253.7 nm)

Absorbance Precision: 0.002 (1 mm path)

Absorbance Accuracy: 2% (at 0.76 at 257 nm)

Absorbance Range: 0.02 – 300 (10 mm equivalent)

Detection Limit: 2 ng/µl (dsDNA)

Maximum Concentration: 15,000 ng/µl (dsDNA)

Measurement Time: < 5 seconds

Footprint: 14 x 20 cm

Sample Pedestal Material of Construction: 303 stainless steel and quartz fiber

Operating voltage: 12 vdc

Operating Power Consumption: 12 – 18 W (max 30 W)

Standby Power Consumption: 5 W

Software Compatibility: Windows® XP and Vista™ (32 bit)

Abha Mishra

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ASSTT. PROF.