

DEPARTMENT OF BIOCHEMISTRY, PANJAB UNIVERSITY, CHANDIGARH.

Registered

Ref. No. _____

Dated:- _____

Dear Sir,

Please quote your rates in duplicate for the following article/articles mentioned in the attached list. The quality, make, packing and other particulars of each item should be clearly stated.

While submitting the quotation please note the following points:-

1. It should be clearly stated whether the rates are **inclusive of sales tax** etc.
2. The rate of insurance, if any should be specified.
3. Please certify if you are the manufacturer/sole selling agent/sole distributor for the following item(s).
4. The rate should be strictly **F.O.R.** destination.
5. The quotation under sealed envelope should be sent to **Chairpersopn, Department of Biochemistry, P.U. Chandigarh** by name under U.P.C. /Registered cover.
6. All cutting and over-writings must be initialed.
7. The last date for the receipt of quotation in this Department is **04/07/2014**.
8. The envelopes containing the quotation should be the words '**Quotation for Nanodrop Spectrophotometer**' due on **04/07/2014**.

Yours Sincerely,

(Prof. Rajat Sandhir)
Chairperson.

Specifications : Attached at Annexure-I

UV-Vis spectrophotometer featuring both **microvolume pedestal and cuvette measurement options**. The cuvette station is ideal for measuring dilute nucleic acid and protein assays, includes heating and microstirring capabilities, and allows users to perform kinetics and cell culture readings.

Minimum Sample Size	0.5 µl
Sample Number	1
Path Length	1 mm (auto-ranging to 0.05 mm)
Light Source(s)	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	3% (at 0.74 at 350 nm)
Absorbance Range	0.04 - 300 (10 mm equivalent)
Detection Limit	2 ng/µl (dsDNA)
Maximum Concentration	15,000 ng/µl (dsDNA)
Measurement Time	< 5 seconds
Sample Pedestal Material of Construction	303 stainless steel and quartz fiber
Software Compatibility	Windows 7 (32 bit and 64 bit), Windows Vista (32 bit), Windows XP (32 bit)
System should be supplied with	<ul style="list-style-type: none">• Desktop Computer• Compatible Online UPS with at least 1/2 hour backup
Warranty	1 year

Cuvette specifications

Z-Height	8.5 mm
Heating	37 ± 0.5 °C
Stirrer:	150-850 rpm
Path Length	10, 5, 2, 1 mm
Absorbance Range	0.008 - 1.5
Detection Limit	0.4 ng/µl (dsDNA)
Maximum Concentration	750 ng/µl (dsDNA)
Measurement Time	< 3 seconds
Cuvette Dimensions	12.5 mm x 12.5 mm, up to 48 mm H
Type	Masked cuvette
UL/CSA and CE	All units are approved to these standards

(Prof. Rajat Sandhir)
Chairperson