Department of Biochemical Engineering and Biotechnology
Indian Institute of Technology Delhi
Hauz Khas New Delhi 110 016

IITD/DBEB/SM/2013   July 18, 2013

NIQ for the purchase of a UV/visible Spectrophotometer with the following Technical Specification for applications in biochemistry, molecular biology and cell biology

Essential Features:
Absorption   Double-beam sealed, quartz coated, lens free system
Light Source: Deuterium and tungsten-halogen lamps with automatic
                                   switch over, Deuterium lamp should turn off when not
                                   needed.
Measurement range: 200 nm to 1100 nm (minimum) without any accessory
Stray radiation/Light: Min 0.01%T
Wavelength accuracy: Minimum +/- 0.1 nm
Wavelength reproducibility: Minimum +/- 0.06 nm
Bandwidth: Min 4 steps (0.6 to 4 nm or better).
Standard software: Scan, Time drive, Wavelength programming, Conc,
                            Kinetics, Oligoquant, Arithematic etc should be
                            included.

Disposable cuvettes (1.5 ml, 10mm path length) for 300 samples should be quoted with the instrument
1 set of quartz's cuvette (0.7 ml, 10 mm pathway, from the Supplier) should be provided with the instrument.
Compatible PC with latest features.
Warranty for 3 years.

Optional accessories: Peltier control system
                                    One additional set of Quartz cuvette
                                    2 kV UPS.
All the features mentioned should be supported by printed and authentic literature.

Terms and Conditions:

1. **Technical** and **financial bids** should be in **separate sealed envelopes.** Both the bids should be placed in a single envelop and Super scribed by NIQ number, Item and last date of submission.
2. Sealed quotations should be addressed in the Name of **Prof. Saroj Mishra** and should reach the Department of Biochemical Engineering and Biotechnology, Indian Institute of Technology Delhi, Hauz Khas. New Delhi-I10016 by **August 2, 2013, 4.00 PM.**
3. The prices should be quoted at FOB and also CIP New Delhi
4. Propriety and agency certificate will be required wherever applicable.

5 Institute reserve the right to accept or reject any or all the quotation without showing any reasoning.