

PANJAB UNIVERSITY, CHANDIGARH - 160014, INDIA

DEPARTMENT OF BOTANY

Dr. Neera Garg
Principal Investigator



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N.I.Q.

Dear Sir,

Please quote your lowest rates in DUPLICATE, for the item given below as per the specifications. Your quotation should reach the undersigned **on or before 22.12.2017**.

UV – VIS Spectrophotometer:

Specifications:

- UV-Vis dual beam spectrophotometer with Xenon flash lamp with typical lifetime of 5-8 years and min 3 year warranty;
- Optical Design: Dual Beam-Internal Reference Detector with dual silicon photodiode;
- Cell holder-Automatic software controlled multi- cell changer for atleast 6 cells;
- Wave length range: 190-1100 nm, band width 1.0 - 1.8 nm, with variable modes absorbance, transmittance, reflectance, quantitative, wave length scan etc.;
- Scanning speed < 10 to 4200 nm/min, variable;
- Wave length accuracy upto $\pm 0.5\text{nm}$, repeatability upto ± 0.2 , photometric range upto 3.5 A at 260 nm; stability + 0.001A/ hr at 500nm; <0.00025 at 0.0 A; <0.00050 at 1.0 A; <0.00080 at 2.0 A; RMS at 260 nm;
- Graphical Interface with LCD backlight;
- Should Include Quartz cell cuvettes with 1-3ml capacity;
- External printer support with USB cable, USB memory device;
- System should be upgradable for accessories like peltier accessory in future;
- Demonstration and installation should be free.

The rates quoted should be **FOR Botany Department, P.U., Chandigarh. SPECIAL DISCOUNT** for educational institutions/University teaching department may be mentioned. **The technical, financial bids and EMD be enclosed in separate sealed envelopes** duly marked and placed together in a duly sealed envelope giving our reference and due date of quotation. The EMD 2% of the total cost of the equipment and DD/Traveler cheque should be made in the name of The Registrar, Panjab University, Chandigarh. The quotation **should be sent to Prof. Neera Garg, Principal Investigator, DBT Project, Department of Botany, Panjab University, Chandigarh-160014 by due date.**

Yours sincerely,

(Neera Garg)