

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 12.12.2017**.

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 quotation in a sealed envelope, giving our reference and due date of quotation, should be sent after affixing the required postage stamps to Prof. Neera Garg, Principal Investigator, DBT Project, Department of Botany, Panjab University, Chandigarh-160014.

Yours sincerely,

(Neera Garg)