Centre for Biomedical Engineering
Indian Institute of Technology
Hauz Khas, New Delhi-110 016

NOTICE INVITING QUOTATIONS

Dated : **09/01/2014**

Tender No: **3491**

Subject : **Purchase of high resolution miniature fiber optic CCD array UV-Vis-NIR spectrophotometer with optical fibers and LED light source**

Invitation for Tender Offers

Indian Institute of Technology Delhi invites sealed tender offers in two bid format (Technical bid and Commercial bid) from eligible and experienced OEM (Original Equipment Manufacturer) OR OEM Authorized Dealer for **supply, installation & integration of high resolution miniature fiber optic CCD array UV-Vis-NIR spectrophotometer with optical fibers and LED light source** with three years on site comprehensive warranty from the date of receipt of the material as per terms & conditions specified in the tender document.

The quotation should reach to Dr. Sandeep Kumar Jha, Centre for Biomedical Engineering IIT Delhi, Hauz Khas, New Delhi – 110016 latest by 5:00 P.M. on 10/02/2014.

Technical Specifications:

1	**A high resolution miniature fiber optic CCD array UV-Vis-NIR (200-1100 nm) spectrometer for absorption, transmission and reflectance measurement is required.**
2	The spectrophotometer should be configurable with standard fibre optic probe in reflectance measurement applications. The fiber optic cables should be resistant to UV and should be bracketed (jacketed) with sufficient cover for durability.
3	The light source for this spectrometer should be a combination of High power LEDs of different wavelengths so that the range ~300-800 can be obtained.
4	This light source must be coupled with main spectrophotometer using linear fiber optic patch cable or reflectance mode probe (bifurcated fiber optic cable).
5	Grating, slit and filters in the spectrophotometer should be configurable or selectable
6	The spectrophotometer should be operable using a computer, preferably laptop using USB interface. Software for interfacing and spectra visualization should have to be provided by manufacturer without any additional cost.
7	In addition, for general purpose abrorbance measurement, the manufacturer should provide a 1-cm pathlength cuvette holder coupled linear fiber optic patch cables using with collimated lenses (connecting light source and spectrophotometer).

Terms & Conditions

1. Please quote F.O.B. & CIF New Delhi prices separately.
2. Technical bid should contain compliance chart based on specifications as per NIQ, but must not contain any commercial information
3. The quotations should be in the currency of the country of origin and should be valid for at least three months.
4. Please attach all the technical literature and a list of similar installations done in India.
5. The warranty on the equipment should be clearly specified.
6. If the quote is being submitted by the representative of the Principals/manufacturer themselves, a valid Agency ship/Dealership Certificate authorizing the agent to quote to IIT Delhi on behalf of the Principals should be enclosed.
7. Complete set of manuals for the operation of equipment should be given.
8. Clearly specify the installation requirements—such as space, power, frequency, environment
9. (Temperature and humidity) etc.
10. The institute reserves the right to accept or reject any / all the quotations without assigning any reasons thereof.
11. Free Installation & training should be provided.