



Indian Institute of Technology Madras

I.I.T.P.O., MADRAS-600 036

DEPARTMENT OF CIVIL ENGINEERING

Form for Inviting Quotations

Ref.No.CIE/INDU/2017/ Fluorescence Spectrophotometer

Date: 06/11/2017

SPEED POST

To

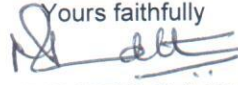
As per list enclosed

Dear Sirs,

DUE DATE: 21/11/2017

1. Quotations are invited in duplicate for the various item/ s shown below/overleaf/enclosed list.
2. **The Quotations duly sealed and superscribed on the envelope with the reference No. and due date, should be addressed to the undersigned and contain in 2 bid system i.e. Technical bid and commercial bid in two separate envelopes should be enclosed in a single envelope only so as to reach on or before the due date stipulated above.**
3. The Quotations should be valid for (60) **Sixty days from the due date and the period of delivery** required should also be clearly indicated.
4. If the item is under DGS&D Rate contract No. and the price must be mentioned. It may also please be indicated whether the supply can be made direct to us at the Rate contract price (Please note that we are not Direct Demanding Officers). If so please send copy of the RC.
5. Relevant literature pertaining to the items quoted with full specifications(and drawing, if any) should be sent along with the Quotations, wherever applicable. Samples if called for, should be submitted free of charges, and collected back at the supplier's expenses.
6. Local Firms : Quotations should be for free delivery to this Institute. If Quotations for Ex-Godown delivery charges should be indicated separately.
7. Firms Outside Madras : Quotations should be for F.O.R. Madras. If F.O.R. consignor station, freight charges by passenger train / lorry transport must be indicated. If Ex-Godown, packing, forwarding and freight charges must be indicated.
8. The rate of sales / General Taxes and the percentage of such other taxes legally leviable and intended to be claimed should be distinctly shown along with the price quoted. Where this is not done, no claim for Sales / General Taxes will be admitted at any stage and on any ground whatsoever. The taxes leviable should take into consideration that we are entitled to have concessional Sales Tax applicable to non Government Educational Institutions run with no profit motive for which a concession. Sales Tax Certificate will be issued at the time of final settlement of the bill.
9. Goods should be supplied carriage paid and insured.
10. Goods shall not be supplied without an official supply order.
11. Payment : Every attempt will be made to make payment within 30 days from the date of receipt of bill / acceptance of goods, whichever is later

Details as per enclosed list.

Yours faithfully

INDUMATHI M NAMBI

- Note: (i) Quotation should be sent by SPEED POST only or to be delivered directly concerned
(ii) Firms are requested to submit the specifications of their product along with supporting technical Documentation/brochure instead of reproducing the specifications sent by us.

TECHNICAL SPECIFICATION FOR FLUROSCENCE SPECTROMETER

1. The computer controlled Luminescence Spectrometer should have the capability of measuring Fluorescence, Phosphorescence and Bioluminescence.
2. The source should be Xenon flash lamp with power equivalent to minimum 18 kW at continuous operation and should have facility of pulse rate delay and get time variable to measure Phosphorescence. Source must have a provision to be turned off to measure chemi/bioluminescence.
3. The optical system should be of Monk Gillieson type monochromator with holographic grating. It should have excitation range from 200 – 800nm and emission range from 200 – 900nm.
4. The Spectral bandwidth of the spectrometer in excitation range should be from 1.5nm to 20nm and emission slits from 1.5nm to 20nm.
5. Wavelength Accuracy +/- 1 nm and Wavelength Reproducibility +/- 0.5 nm
6. Scanning Speed: increments of 1 nm from 10-1500 nm/min
7. The system should have emission filters from Computer-selectable filters: 290, 350, 390, 430 and 515 nm (or) better
8. The standard sample holder of Spectrometer should be water thermostated for 10mm cuvette.
9. The Spectrometer should be PC Controlled with Windows based Software, can display the intensity and the excitation and emission wavelength in a real time and spectral and time derived data can also be stored in the system.
10. 10 mm quartz cuvetts (pair) of 2 packets for liquid samples to be quoted.
11. The software should have report builder facility for report generation and presentations.
12. Warranty - 1 year as standard warranty.

