



JADAVPUR UNIVERSITY

2ND CAMPUS, SALT LAKE
Block-LB, Plot No.-8, Sector III
Kolkata - 700098, India

FACULTY OF ENGINEERING & TECHNOLOGY
Department of Printing Engineering

Telephone : 2335-0408
Fax : +91-33-2335-7254
E-mail : hod@print.ju.ac.in

JADAVPUR UNIVERSITY WEBSITE

27.1.2016

Spectroradiometer under DST/PURSE programme of Printing Engineering Department, Salt Lake Campus. Quotation must be submitted to The coordinator, DST-PURSE Programme, Central Monitoring Cell, Main Building, Jadavpur University, Kolkata-700032 within 4 pm of 10.2.2016.

Specification:

Spectrometer in UV Visible range and preferably in NIR range with CCD detector, must have PC interface via high speed USB-2 connection with softwares and all other accessories necessary for following measurement and analysis:

1) Complete spectrum of print on paper with CIE Lab vales. The reflectance spectra or transmission spectra must be shown/printed and the data must be exported to excel files.

Preference will be given if measurement of print on foil and film is possible.

2) Spectrum of light sources.

The following light sources should be supplied:

i) LED, ii) Laser iii) Mercury argon Calibration light source iv) Tungsten halogen v) Raman Laser

3) color measurements of food, beverages, industrial and home liquids, textiles, plastics, pharmaceuticals, and raw materials.

4) Concentration measurement of solution

5) Fluorescence measurement of print samples- excitation and emission spectrum with suitable light source

6) Raman Spectra of print sample

7). Calibration sources and standards and all related accessories for calibration should be provided.

8) Microscopy of an image will be preferable with suitable attachment.

9. Thin film measurement in UV Visible range will be preferred.

Prices for all items should be mentioned separately. It cannot be ensured that all items will be ordered to a single party.

PRICE SHOULD INCLUDE ALL ACCESSORIES AND SOFTWARES AND TRAINING NECESSARY FOR SUCCESSFUL INSTALLATION AND COMMISSIONING.

Warranty: Minimum one year onsite. Three years onsite warranty will be preferred.

Quantity: Unit price should be quoted.

The charges for AMC of the equipments after warranty period would be mentioned separately.

Quotation should be valid for 45 days from date of offer.

1. Quotation should be for free Delivery at Jadavpur University Salt lake Campus unless otherwise arranged.
2. Price quoted should be net .
3. VAT and any other taxes should be mentioned clearly. Price coated should be complete in all respect including all accessories required for basic installation.
4. Quotations should be free from CORRECTIONS and ERASURES.
5. Manufacturer's Name and the Country of ORIGIN of the materials offered must be clearly specified falling which the Tender will not be considered
6. Samples must be submitted where specified so as to reach the office before the DUE DATE of Enquiry. Samples must be labeled clearly with our ENQUIRY NUMBER DUE DATE.NAME OF FIRM and number on sample must correspond to the items in the tender.

7. The tenders will not be entitled to ask for any further information other than whether their tenders have been received or not.
8. The university does not bind itself to accept the lowest or any tender or assign any reason for non acceptance. It further reserves the right to accept any tender in part or in whole as its option.
9. If the University finds that the materials supplied is not up to the mark, it may reject it.
10. Tenders must as far as possible, arrange to supply the materials according to the terms of delivery specified in the orders. If however this is not possible, they shall clearly specify the time in which the delivery of the articles can be effected. This delivery time must be strictly adhere to failure to supply within the specified time will lead to cancellation of the order without notice
11. If the devices are not regular and if on that account the University is forced to buy the materials elsewhere any loss or damage that the University sustain thereby will be recover from the supplier for non delivery at the scheduled periods.
12. There consecutive failures to supply within the scheduled time or times will entail removal of the Tender's name from the Approval list of suppliers
13. If any tenders proposes to charge SALES TAX & Delivery charges in addition to his quoted rates this fact should be stated specially in his quotation. In the absence of such statement the rate quoted will be deemed to be inclusive of sale tax & delivery charges. Non compliance of an order may lead to cancellation of estimate and no enquiry will be issued in future. Up to 10% of bill value may be deducted for default on delivery.

IN CASES OF DISPUTES TILL DISCISION OF THE UNIVERSITY SHALL BE FINAL & BINDING ON YOU.

Swati Bandyopadhyay
(Head of the Department)