

**INDIAN ASSOCIATION FOR THE CULTIVATION OF SCIENCE
2A & B, RAJA S.C.MULLICK ROAD
JADAVPUR, KOLKATA-700032**

Tender No.: OC/JD/14/54 dated 12.11.2014

Sub: "Spectrofluorometer"

Sealed tender in two bids system (**Technical Bid & Financial bid**) is invited from bonafide, resourceful and eligible manufacturers/exclusive distributors for "**Spectrofluorometer**".

Part - I(Technical Bid) of the tender should contain technical details and commercial terms and conditions and **Part - II(Price Bid)** should indicate group-wise price as mentioned in the Technical Bid where applicable. The Technical Bid and Price bid are to be submitted in two separately sealed envelopes distinctly marked accordingly and both to be put inside another envelope, which should be sealed and super scribed with tender notice no. and due date. The bidders may submit bids duly signed in their own letterheads.

Complete tender bids should reach the **office of the Department of Organic Chemistry, Indian Association for the Cultivation of Science, 2A & 2B Raja S. C. Mullick Road, Jadavpur, Kolkata - 700032** on or before the scheduled date & time specified below.

Tender Notice No.	OC/JD/14/54 dated 12.11.2014
Last date and time of submitting tender	12.12.2014 at 12.30 P.M.
Pre-bid meeting	26.11.2014 at 3.00 P.M.
Date and time of opening tender	12.12.2014 at 3.30 P.M.
Place of opening tender	J.C.Bose Hall of the IACS Campus
contact	e-mail: ocjd@iacs.res.in Tel. +91-33-2473 4971 (ext. 1405)

The **technical bids** will be opened first to evaluate the technical specifications of the equipment thereafter, the **Price bids** of only technically qualified bidders will be opened.

1. TECHNICAL BID:

The Technical Bid should contain technical specifications and kept in a separate envelope duly super scribed as "**Technical Bid**" on the outer side of the envelope as detailed above.

GENERALIZED SPECIFICATION OF SPECTROFLUOROMETER

Product	Quantity
<p>“Research Grade Spectrofluorometer”</p> <p>High quality Steady State Fluorescence Spectrophotometer with Ozone Free Xenon Arc Lamp Source 450W and the instrument should have the following specifications:</p> <ol style="list-style-type: none"> 1. The Czerny-Turner type excitation and emission spectrometers, with 1200 groove/mm plane gratings blazed at 330 nm for excitation and 500 nm for emission. The excitation spectrometer should be double type but emission segment with single spectrometer 2. Excitation wavelength range : 200-950nm, and emission range also 200-950 nm 3. Continuously adjustable, motorized, computer controlled slits with band pass ranges 0-30nm for both excitation and emission side 4. Scan Speed > 130nm/second 5. Wavelength accuracy better than ± 0.5nm 6. Photomultiplier detector, working range 200-850nm, and the detector electronic should work in photon counting mode. 7. The instrument should have high S/N Ratio, greater than 5000:1 8. Excitation intensity correction with wavelength using Photodiode reference detector. 9. Instrument control by Windows software supplied along with PC 10. Option for auto background subtraction, standard calibration curves, and kinetic analysis 11. COMPUTER With PRINTER & UPS Pentium Core i3 processor, 4 GB RAM, 500 GB HDD, 17.6 TFT LCD ColorMonitor, Operating Software, HP Laserjet Printer & compatible UPS 12. 3 KV UPS for power back up of the instrument 13. 3 years extended warranty on the instrument and software 	<p align="center">1</p>

The financial bid indicating (item-wise) price for the item (s) mentioned in the technical bid should be kept in a separate sealed envelope duly super scribed as "PRICE BID" on the outer cover of the envelope as already detailed above. The price bids of only technically qualified bidders will be opened and they will be intimated the date and time of opening at their email id-s. Rest of the bids will stand rejected.

PRICE: Price to be quoted both on FOB/CIF basis. Name of the particular Port from where our authorized forwarder will lift the consignment must be mentioned clearly with FOB price.

3. BID SECURITY:

i) The financial bid should be super scribed as "PRICE BID" on the outer cover of the envelope.

ii) **Bid Security (EMD):** An Account Payee Demand Draft of Rs. 40,000/- (Forty thousand only) in the name of "Indian Association for the Cultivation of Science" is to be furnished by the bidders as Bid Security money or Earnest Money Deposit (EMD).

iii) The Demand Draft for the Bid-Security money should have at least 45 (forty five) days validity period after the opening of the Bids.

iv) In case of non-award of the work the Bid Security money would be returned to the unsuccessful Bidders.

4. PERFORMANCE SECURITY:

An Account Payee Demand Draft of **10% of the order value** in the name of "Indian Association for the Cultivation of Science" is to be furnished by the successful bidder as Performance security. Performance security money should remain valid for a period of 60 days beyond the date of completion of all contractual obligations of the supplier including warranty obligations. Bid security money will be refunded to successful bidder on receipt of THE Performance security money.

5) GENERAL INSTRUCTIONS:

1) Incomplete & conditional tenders and tenders received after the due date will be summarily rejected without assigning any reasons thereof.

2) Tender Notice Number and tender for "Spectrofluorometer" should clearly be written on the envelope.

- 3) At any time prior to the bid due date, IACS may, for any reason, whether at its own initiative or in response to a clarification requested by a prospective bidder during pre-bid meeting, modify the bidding documents. The amendment(s) will be notified on the Institute website. Prospective bidders are advised to occasionally visit the website (www.iacs.res.in/tender) for any amendment.
- 4) **Payment:** 100% against delivery and successful installation subject to submission of performance guarantee.
- 5) **Warranty:** 3 Years extended warranty on the instrument and software.
- 6) **Installation/Demonstration/Application Training at site:** Free of cost by the supplier
- 7) **Service facility:** Supplier should mention their details of service setup and Manpower in Kolkata who are responsible for after sales support. Response time should be within 24 hours.
- 8) **Validity of tender:** Tender submitted shall remain valid at least for three months from the date of opening the tender. Validity beyond three months from the date of opening of the tender shall be by mutual consent.
- 9) The tender should accompany a compliance chart.
- 10) The rate should be inclusive of all taxes, transportation etc. Nothing extra will be paid in addition to the quoted rate.
- 11) The model number, make, and a printed literature of the product shall submit positively.
- 12) Proposed delivery schedule should be mentioned clearly.
- 13) Manufacturers/exclusive distributors/vendors should have history of supplying this type of instrument to this or other Scientific Organizations.
- 14) Authorized Dealership Certificate is must in case of principal manufacturing company is not quoting directly.
- 15) Guarantee certificate, users manuals etc. are to be handed over to the user after successful commissioning of the system.

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16) In the event of date being declared a closed holiday for purchaser's office, the due date for submission of bids and opening of technical bids will be the following working day at the appointed time.

17) In case of any dispute, the decision of the Institute authority shall be final and binding on the bidders.

18) For any clarification regarding technical specifications, etc. please send your queries to "Dr. Jyotirmoyee Dash" ocjd@iacs.res.in.

19) The Institute reserves the right to reject any or all of the tenders received without assigning any reason thereof.

R E G I S T R A R