

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

**Tender Notice No.: MS/NP/DST-IC68/2012/01**

Sealed tender in two bids system (Technical Bid & Price bid) is invited from bonafide, resourceful and eligible manufacturer/exclusive distributor/vendors for "an **UV-VIS-NIR Fluorescence Spectrometer**".

**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. 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 Material Science, Indian Association for the Cultivation of Science, 2 A & B Raja S. C. Mullick Road, Jadavpur, Kolkata - 700032** on or before the scheduled date & time specified below.

<b>Tender Notice No.</b>	MS/NP/DST-IC68/2012/01
<b>Last date and time of submitting tender</b>	October 05, 2012 at 2:00 p.m.
<b>Pre- bid Meeting to be held on</b>	September 21, 2012 at 2:00 pm in the C. V. Raman Hall of IACS.
<b>Date and time of opening tender</b>	October 05, 2012 at 3:00 p.m.
<b>Place of opening tender</b>	C.V. Raman Hall of IACS Kolkata

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.

## **TECHNICAL SPECIFICATIONS.**

The Technical Specifications acceptable for the "**an UV-VIS-NIR Fluorescence Spectrometer**" are as follows:-

- 1). Excitation Source: 450 W Xenon Lamp (or Equivalent Source)
- 2). Monochromators: Double grating excitation (range 250-1000 nm) and single/double grating emission. Emission Range (300 nm to 1700 nm or higher).
- 3). Detectors: Excitation correction from 250 nm-1000 nm, high sensitivity up to 850 nm range and to cover up to 1700 nm or more. (Array NIR Detector would be preferred)
- 4). Polarizer: Automated computer controlled Polarizers should be configured for excitation and emission pathways.
- 5). Low Temperature Measurement Accessories: The sample chamber should have configured for low temperature measurement (If required to be in factory built. Otherwise can be quoted as optional)
- 6). Operation: The system should user friendly software.
- 7). Additional Accessories to be quoted: Solid sample holder, Required Filter and Filter holder.

### **Optional Items to be Quoted Separately:**

- 8). Temperature controller (Liquid N<sub>2</sub>) should be quoted as optional with cryostat, vacuum pump and other essential accessories
- 9). Integrated Sphere with Fiberoptic connection for measurement of quantum yield. Required software should be included.

## **2. PRICE BID:**

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.**

**BID SECURITY:**

1. An Account Payee Demand Draft/ Pay Order for **Rs. 100000/-** (Rupees One Lakh only) drawn in favour of "**Indian Association for the Cultivation of Science**" is to be furnished along with the Technical Bid as Bid Security (EMD).
2. The Demand Draft/ Pay Order for the **Bid-Security** should have at least 45 (forty five) days validity period after opening of the Bids.
3. The Bid Security of unsuccessful bidders will be returned.

**PERFORMANCE SECURITY:**

1. The successful bidder should deposit **10%** of the tendered value as "**Performance Security**", by way of an account payee demand draft drawn in favour of "**Indian Association for the Cultivation of Science**".
2. Performance Security should remain valid for a period of 60 (sixty) days beyond the date of completion of all contractual obligations of the supplier including warranty obligations.
3. Bid Security (EMD) would be refunded to the successful bidder on receipt of the Performance Security.

**C) GENERAL INSTURCTIONS:**

1. Incomplete & conditional tenders and tenders received after the due date will be summarily rejected without assigning any reasons thereof.
2. 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](http://www.iacs.res.in/tender)) for any amendment.

3. **Payment:** 100% against delivery and successful installation subject to submission of performance guarantee.
4. **Warranty:** Minimum 1 year. The AMC or the service charges for five years should be quoted separately in the price bid.
5. **Installation/Demonstration/Application Training at site:** Free of cost by the supplier.
6. **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.
7. **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.
8. The tender should accompany a compliance chart.
9. The rate should be inclusive of all taxes, transportation etc. Nothing extra will be paid in addition to the quoted rate.
10. The model number, make, and a printed literature of the product shall submit positively.
11. Proposed delivery schedule should be mentioned clearly.
12. Manufacturers/exclusive distributors/vendors should have history of supplying this type of instrument to this or other Scientific Organizations.
13. Authorized Dealership Certificate is must in case of principal manufacturing company is not quoting directly.
14. Guarantee certificate, users manuals etc. are to be handed over to the user after successful commissioning of the system.
15. 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.
16. In case of any dispute, the decision of the Institute authority shall be final and binding on the bidders.
17. For any clarification regarding technical specifications, etc. please send your queries to **Dr. Narayan Pradhan, Associate Professor** ([camnp@iacs.res.in](mailto:camnp@iacs.res.in)).
18. 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**