

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

TENDER NOTICE NO.SERIIUS/DB/13/16 dated 25.03.2013

Sealed tenders in two bids system (Technical Bid & Financial Bid) is invited from bonafide, resourceful and eligible manufacturers/exclusive distributors for **"Hall Measurement System"**

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 superscribed with tender notice no. and due date. The bidders may submit bids duly signed in their own letterheads

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

Tender Notice No.	SERIIUS/DB/13/16 dated 25.03.2013
Last date and time of submitting tender	16 th April, 2013 at 11.00 AM
Pre-bid meeting	To discuss Technical specifications on 3 rd April, 2013 at 3.00 PM
Date and time for opening tender	16 th April, 2013 at 12.00 Noon
Place of opening tender	S. N. Bose Hall, IACS, Kolkata

Contact

Email: sspdb@iacs.res.in Ph. : +01-33-2473-4971 (ext. 1316)

Technical Specifications of Hall measurement System should fulfill the following requirements:

Measurement range/parameter	Range
Mobility	$10^{-3} \text{ cm}^2/\text{v s}$ to $10^6 \text{ cm}^2/\text{v s}$
Carrier Concentration	10^3 to 10^{23}
Resistivity	10^{-5} ohm cm to 10^5 ohm cm
Resistance	10^{-3} Ohm to 50 Giga Ohm
Current	$\pm 500 \text{ fA}$ to $\pm 100 \text{ mA}$
Magnetic field	
Room Temperature Field	1.6 T- 2.0 T
Required Field for Temperature Variation	0.8 T-1.2T
Sample illumination facility	Optional
Measurement temperature (Optional)	
Measurement Temperature Range	77 K to Room temperature Room temperature to 673 K
Should be able to accommodate cryostat for measurement	15 K to room temperature
Sample type	Size
Thin film on substrate	Min 5 mm x 5 mm to 20 mm x 20 mm
Sample Holder	5 Solder pad sample card and 10 prober pin sample card
Software	Hall measurement software
Computer	With CD-ROM, >19 inch flat screen monitor, USB adapter for interfacing
Chiller	+15 °C to + 30 °C
Warranty	1 year

PRICE BID:

User List:

The supplier should provide a list of current users (with contact no, Email address etc) for the quoted item in India and abroad.

Service facility:

Trained technicians should install the instrument and ensure it is operating correctly and within specifications. User training at site should also be provided. Supplier should mention their details of service setup that are responsible for after sales support.

The financial bid indicating 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 and 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. The financial bid should be super scribed as "PRICE BID' on the outer cover of the envelope
2. Bid Security (EMD): An Account Payee Demand Draft of Rs.3,00,000/- 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).
3. The Demand Draft for the Bid-Security money should have at least 3 months validity period after the opening of the Bids.
4. In case of non-award of the work the Bid Security money would be returned to the unsuccessful Bidders.

PERFORMANCE SECURITY:

An Account Payee Demand Draft or Bank guarantee of an amount of 5% 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. For payment option as in the clause **3(a)** in **General Instructions** below, no Performance Security money will be required to be deposited.

GENERAL INSTRUCTIONS:

1. Incomplete & conditional tenders and tenders received after the date will be summarily rejected without assigning any reasons thereof. "Hall Measurement System" should clearly be written on the envelope.

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) for any amendment.

3. Payment options:

(a) 95% payment will be released on shipment and remaining 5% after installation and commissioning and completion of all contractual obligations of the supplier including warranty obligations

OR

(b) 100% payment will be released subject to submission of 5% Performance Security on shipment".

4. Warranty: Minimum 1 year.

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 be submitted 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 Organization.
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 "Prof. Durga Basak" sspdb@iacs.res.in.
18. The Institute reserves the right to reject any or all of the tenders received without assigning any reason thereof.

Registrar