

INDIAN ASSOCIATION FOR THE CULTIVATION OF SCIENCE
Jadavpur, Kolkata – 700032

Notice Inviting Tender : IACS/CSS/BBD/15-16/17

Dated: 03.12.2015

Purchase of "FLOOR MODEL HIGH PERFORMANCE CENTRIFUGE SYSTEM"

Sealed tenders in two bids system (Technical Bid & Financial bid) are invited from bonafide, resourceful and eligible manufacturers/exclusive distributors for supply, installation and commissioning of “**FLOOR MODEL HIGH PERFORMANCE CENTRIFUGE SYSTEM**”

Necessary Accessories.

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

Notice Inviting Tender No.	IACS/CSS/BBD/15-16/17 Dated 03.12.2015.
Date and time of Pre-bid meeting	15 th December, 2015 at 12.00 Noon
Last date and time of submitting tender	28 th December, 2015 at 1.00 P.M.
Date and time of opening tender	28 th December, 2015 at 3.00 P.M.
Place of Opening Tender	at JC Bose Meeting Room
Contact	Email: pcbbd@iacs.res.in Phone: 2473-4971 Ext. 2108

“Technical Specifications: **FLOOR MODEL HIGH PERFORMANCE CENTRIFUGE SYSTEM** with following necessary accessories:-

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A). TECHNICAL BID:

- User-friendly, large LCD screen, Large digital readouts make operation simpler
- View set and actual run conditions Simultaneously
- Centrifuge should have option for control and monitor the centrifuge from your Apple® iOS and Android™ device with mobileFuge.
- Centrifuge should have Friction Reduction System (FRS) that allows quicker, quieter, and cooler runs
- Centrifuge should have High-torque, new generation Switched Reluctance (SR)drive cycle shortens cycle times
- Centrifuge should perform Dynamic Rotor Inertia Check (DRIC) and rotor recognition to provide redundant safety checks to assure no rotor can be run above its rated speed
- Up to 1,000 user-defined programs
- **Maximum g** : 75,600g and above
- **Maximum Speed** : 26,000 rpm or more
- **Control and Display** : Microprocessor with Digital display
- **Speed Control Accuracy** : +/- 10 of set speed
- **Temperature Range** : -10°C to 40°C
- **Temperature Control** : +/-2°C of set temperature
- **Accelerations/Decelerations** : 11/12
- **Refrigeration System** : Non-CFC Refrigeration technology
- **Capacity** : **6 litres**
- **Sound level** : < 62dba
- **Ambient temperature range** : 15°C to 40°C
- **Power** : 230 Volts, 50Hz, (Single Phase)
- **Power backup** : Online UPS for emergency power backup
- **After-sales service** : **4 years free service after the warranty period.**
- **Warranty** : 1 year

Below Rotors to be included in the main offer:

1. Fixed-Angle Rotor, 1 qty

Max. RPM: 26,000

Max. g: 75,600g and above ,

Rotor Capacity: 8 × 50 mL

Essential Adapters:

- 15 mL & 1.5 mL adapters to be provided along with rotor

2. Swinging-Bucket Rotor, 1 qty

Max. RPM: 4300

Max. g: 4220,

Rotor Capacity: 4 x 750 mL

Essential Adapters:

250 mL adapters to be provided along with rotor

Important notes:

- i) Bidder providing misleading or wrong information will be disqualified
- ii) All technical claims of the Bidder should be supported by product catalogue, public website of the manufacture.

B). FINANCIAL BID:

The financial bid should be super scribed as “Finance Bid” on the outer cover of the envelope.

1. 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 superscribed 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 of price bids at their email id-(s). Rest of the bids will stand rejected.

3. **Price:** Price to be quoted both on FOB and CIF basis for foreign currency or in Indian Currency. Name of the particular port from where our authorized forwarder will lift the consignment must be mentioned clearly with FOB price.

4. **Bid Security (EMD):** An Account Payee Demand Draft for **Rs. 40,000/- (Rupees forty thousand only)** drawn in favour of "Indian Association for the Cultivation of Science" payable at Kolkata is to be furnished by the bidders, as Bid Security money or Earnest Money Deposit (EMD) with the tender.

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

5. In case of non-award of the work the Bid Security money would be returned to the unsuccessful Bidders. Bid security money to the successful bidder will be refunded on receipt of the Performance security money.

6. Performance Security: An Account Payee Demand Draft for an amount of 10% of the order value drawn in favour of "Indian Association for the Cultivation of Science" payable at Kolkata is to be furnished by the successful bidder as Performance security. Performance security money would be released by IACS after a period of 60 days from 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.

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(C) General Instructions:

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

2. **“FLOOR MODEL HIGH PERFORMANCE CENTRIFUGE SYSTEM”** 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 only. Prospective bidders are advised to occasionally visit the website (www.iacs.res.in/tender) for any amendment.

4. **Payment Terms:** 100 % through letter of Credit; 90% to be released on shipment and balance 10% against successful installation & commissioning subject to submission of performance guarantee.

5. **Warranty:** Equipment should be offered with 1 years warranty followed by 4 year Annual Maintenance Contract (AMC) with free of cost as mentioned above.

6. Installation/Demonstration /Application Training at site: Free of cost by the supplier.

7. **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. Preference will be give to suppliers with many installations at reputed research/academic institute in India and abroad.

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8. **Service facility:** Supplier should mention their details of service setup and Manpower inKolkata who are responsible for after sales support. Response time should be within 24 hours.

9. The 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.

10. The tender should accompany a compliance chart. A technical compliance chart should also be provided in the following format:

Serial Number	Tender Specification	Specification of your offered instrument	Extent of compliance

11. The rate should be inclusive of all taxes, transportation etc. Nothing extra will be paid in addition to the quoted rate. The taxes, etc. should be shown separately in the Price Bid.

12. The model number, make, and a printed literature of the product shall be submitted positively.

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- 13.** Proposed delivery schedule should be mentioned clearly.
- 14.** Manufacturers/exclusive distributors/vendors should have history of supplying this type of instrument to this or other Scientific Organizations.
- 15.** Authorized Dealership Certificate is must in case of principal manufacturing company is not quoting directly.
- 16.** Guarantee certificate, users manuals etc. are to be handed over to the user after successful commissioning of the system.
- 17.** Incomplete tenders will be summarily rejected.
- 18.** For any clarification regarding technical specifications, etc. please send your queries to "Dr. Benu Brata Das: pcbpd@iacs.res.in"
- 19.** 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.
- 20.** Please note that IACS will not provide any accommodation or expenses to any of the bidders for attending opening of technical bid/price bid.
- 21.** Acceptance of Tender: IACS authority does not bind itself to accept the lowest tender and reserves the right to reject any or all the tenders received without assigning any reason thereof.

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