

INDIAN ASSOCIATION FOR THE CULTIVATION OF SCIENCE

2A & 2B, RAJA S C MULLICK ROAD, JADAVPUR, KOLKATA 700032

TENDER NOTICE

NTT No. IACS/SMS/Prof. N.R. Jana /36

Date:28.01.2021

Sub: **Procurement / Purchase of “High Speed Centrifuge with low temperature option”**

Sealed tender in two bids system (technical bid and price bid) is invited from bonafide, resourceful and eligible manufacturer/exclusive distributor/vendors for **Procurement/Purchase of “High Speed Centrifuge with low temperature option”**.

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 tender bids should reach the office of the **Registrar, 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.**

Tender Notice Number	IACS/SMS/Prof. N.R. Jana/36, Dt.28.01.2021
Last date and time of submitting tender	February 19, 2021 at 1.00 p.m
Pre-bid meeting	February 10 at 3 PM via online mode (interested vendors are requested to send their email id to camnrj@iacs.res.in)
Date and time of opening tender	February 19, 2021 at 3.30 p.m via online
Place of Opening Tender (Technical Bids)	School of Material Science Office via online
Date and time of opening of Price Bids	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.
Contact	Email: camnrj@iacs.res.in Phone: 24734971 Ext. 1195

Technical Specification: “High Speed Centrifuge with low temperature option” with following hardware:

A. TECHNICAL BID:

1. Max capacity with swing bucket rotor: 4x400ml or more
2. Max speed with swing bucket rotor: 5500 rpm or more
3. Max RCF with swing bucket rotor: 5500xg or more
4. Max capacity with fixed Angel rotor: 6x 50ml or more
5. Max speed with fixed angle rotor: 15000 rpm or more
6. Max RCF with fixed angle rotor: 25000xg or more
7. Control system: microprocessor based with LCD display technology.
8. Rotor should have auto locking system
9. Rotor shall be installed and removed with no tools in less than 5 seconds
10. Drive system should be Direct, brushless induction low profile motor
11. Can be used for 24 x 2ml tube and 16 x 50 ml tube or more capacity.
12. Programs: Minimum 6 with direct access key
13. Temperature set range: -10 °C to +40 °C or better
14. Should have pre-cooling system
15. Refrigeration system: CFC free
16. Should have rotor auto imbalance detection system for safety purpose
17. Should have pulse/short run system
18. Acceleration / Deceleration Rates: 9 / 10
19. Centrifugation Chamber: Stainless Steel
20. Max Timer Range: 9h, 59min + continuous
21. Sound Level (dBA): < 55
22. Should have biocontainment lead system Certified by international third party.
23. Should have motorized lid latch.
24. Certifications should have- UL listed, CSA certified, CE marked, IVD compliant

Following ROTOR need to be supplied for performance:

25. Should provide Fixed angel rotor with capacity: 6x 50 ml or more, with preferable speed 13000 rpm and RCF 18500xg or above along with adapter for 15 ml conical tube & 50 ml conical tube.
26. Should provide fixed angel rotor with capacity: 24x2ml, with speed of 15000 rpm and RCF 21600xg or more.
27. Should have service center at KOLKATA.
28. The centrifuge should have 3-year standard warranty on all parts.
29. A suitable voltage stabilizer should be supply from local with 5 years of warranty.

B. PRICE BID:

The financial bid should be superscribed as “**Price 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.
2. Price: Price to be quoted both on FOB/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.

C. BID SECURITY

An Account Payee Demand Draft of **Rs. 12,000/-** (**Rupees Twelve 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).

1. The Demand Draft for the Bid-Security money should have at least 45 (forty five) days validity period after the opening of the Bids.
2. In case of non-award of the work the Bid Security money would be returned to the unsuccessful Bidders.

D. PERFORMANCE SECURITY:

An Account Payee Demand Draft of an amount 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.

E. GENERAL INSTRUCTION:

1) Incomplete & conditional tenders and tenders received after the due date will be summarily rejected without assigning any reason thereof. **“High Speed Centrifuge with low temperature option”** 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: 100% against delivery and successful installation subject to submission of performance guarantee.

4) Warranty: Minimum 3 years with annual maintenance contract (free of additional charge)

5) Installation/Demonstration/Application Training at site: Free of cost by the supplier

6) User list: The suppliers should provide a list of current users (with contact no, Email address etc.) for the quoted item in India.

7) Service facility: Suppliers 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) The tenders 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 tenders shall be by mutual consent

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

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

10)

The rates 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 be submitted positively.

12) Proposed delivery schedules should be mentioned clearly.

13)Manufacturers/exclusivedistributors/vendorsshouldhavehistoryofsupplyingthistypeofinstrument tothisorotherScientificOrganization.

14)AuthorizedDealershipCertificateismust,in caseofprincipalmanufacturingcompanyisnotquoting directly.

15) Guarantee certificate, users manual etc. are to be handed over to the user after successful commissioning of the system.

16)Incomplete tenders will be summarily rejected.

17)For any clarification regarding technical specifications, etc. please send your queries to camnrj@iacs.res.in.

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.

19)**Acceptance of Tender:** IACSAuthority 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.

REGISTRAR