

Local Tender Notification for procuring "High-speed, High-volume centrifuge for preparation of biological samples" at the Molecular Biophysics Unit, Indian Institute of Science, Bangalore.

Dear Sir/Ma'am

01/02/2021

Sub: High-speed, High-volume centrifuge for preparation of biological samples.

This is a local tender notification meant for the purchase of “**High-speed, High-volume centrifuge for preparation of biological samples**” towards the purpose of preparing and pelleting cells and tissue samples at high speeds and variable volumes. Your quotation should clearly indicate the terms and conditions of the quotations, delivery, delivery schedule, entry tax, payment terms, warranty coverage etc. The quotation should be submitted in two parts: **Part I (Technical bid)** and **Part II (Commercial bid)** and both should be submitted in a sealed envelope. The vendor should demonstrate the manufacture of the product within India. Technical bid should be exactly same as commercial bid except that prices are not shown in the technical bid. Technical bid should have item wise compliance report of all specifications. The commercial bid should have pricing for the items quoted in the technical bid. Prices quoted should be inclusive of all taxes / duties. The prices quoted should be inclusive of delivery of the items to the site and installation at site and should include both INR quotes with appropriate GST included. The last day for submitting the bid is February 10th, 2021. The offer should be valid for a period of at least 60 days from the last date for submission of quotes.

The bid should address the technical specifications for the centrifuge and accessories.

Part A. Technical specifications for the centrifuge.

1. The Maximum volume capacity of the centrifuge should be 4 litres.
2. Maximum speed--21,500 rpm or above and Maximum RCF more than 50,000g
3. Multiple levels of selectable Acceleration/Deceleration rates (at least 3) should be available.
4. The following features should be included in the centrifuge :
 - a. Microprocessor based control system .
 - b. Minimum of 30 memory banks,
 - c. Temperature limit to prevent overheating and super cooling ,
 - d. Record function for used cycles of each rotor,
 - e. Automatic rotor Identification function.
5. The following safety conditions/features should be available
 - a. Alarm Display for lid opening,
 - b. imbalance indicators
 - c. over speed indicators,
 - d. Abnormal temperature indicators and
 - e. Accurate speed sensor .
6. Speed setting display for 10rpm increments
7. RCF setting display for 10g increments
8. Operational temperature should be in a wide range from -20C to +40C
9. The digital timer settings should be in sec , min and maximum of greater than 900 minutes

10. Accessories supplied should include--- 1.Angle rotors 4 x 1000ml - with more than 9000rpm and 6 x 5000ml with 10,000 rpm . Include 1000ml bottles—minimum of 10 numbers and 8nos of 500ml bottles.
11. Should give some signal that the rotor lid mounted correctly .
12. Quotation should be enclosed with a compliance statement , List of users at least 10nos and a few performance certificates.

For both the centrifuge and accessories the participating firms must quote all-inclusive delivery prices and entire shipment must be insured from manufacturers warehouse to IISC – MBU.

Important: Please note that the centrifuge should be matching all the technical specifications and is shown to be manufactured in the country.

The documents may be addressed to the Chairman, Molecular Biophysics Unit (Kind attention: Dr. Aravind Penmatsa), Indian Institute of Science, Bangalore 560 012. Last date for receiving queries: February 8th , 2021. Please email penmatsa@iisc.ac.in

The last date for submission of bids is February 10th , 2021.

Thank You,
Sincerely,

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