

Ref: INS/L-6117/2017-2018(N)

Date : 08/02/2018

ENQUIRY

Dear Sirs,

Please let us have your lowest Quotation for the following :

Sl.No	Cat.No	Item Description	Make/Model	Item Qty	UOM
1		High speed centrifuge floor model with Rotors (As per the specification attached)	Any	1.00	No.

Remarks: The Tenders can also to be quoted in foreign currencies- USD/Euro/JPY/GBP/SGD/CAD or any other currencies approved/traded by RBI.

NOTE: **inStem is a public funded research institute and is entitled to concessional rate of GST @ 5% for items supplied for research purpose. The offer should be submitted after fully considering the above notification.**

1. The bids shall be enclosed in an envelope , and due date sealed duly marked "Tender for _____" Ref No : _____. The bids should be addressed and to be mailed to "THE HEAD-PURCHASE". The bids are liable to be rejected if the sealed envelope is not addressed to "THE HEAD-PURCHASE" with Tender Ref No and Item Description and due date. The bids delivered in person shall be dropped in Purchase Section. If the bids are sent through courier or mail , it should reach by submission Date and Time and inStem will not be responsible for the delay.

**2. DUE DATE FOR SUBMISSION OF QUOTATION AGAINST THIS ENQUIRY IS
15/02/2018 till 5.30pm**

3. QUOTATIONS RECEIVED AFTER THE DUE DATE SHALL BE REJECTED.

4. The Validity of your quotation should be for 60 days from the date.

5. All duties, taxes, surcharge and cess as currently applicable must be stated in your quotation, separately. Otherwise your quote is liable to be rejected.

6. Your quotation should indicate delivery period & Warranty period.

7. Delivery to be made to our Stores. Please indicate charges, if any extra. Transit Insurance should be done upto inStem Stores.

8. If you are unable to supply the quality, specifications or brand as mentioned in our enquiry, Please state so and then offer alternative to quality/Specifications.

9. Payment : within one month after delivery & acceptance/satisfactory installation.

10. Please ensure that the enquiry number and the due date is superscribed on the envelope failing which your quotation is liable to be rejected.

11. Since we are a public funded research institution, we are exempted from paying Customs Duty (Except ad valorem duty of 5% + 2% cess and CVD @4% vide Notification No.51/96 with latest amendments) and excise duty vide Notification No.10/97 CENTRAL EXCISE dated 01-03-1997 for all scientific equipments, technical instruments, equipments (including computers), their accessories, spares, consumables and software. Hence, please offer your prices taking this option into consideration.



Institute For Stem Cell Biology and Regenerative Medicine
Autonomous institute of the Department of Biotechnology, Government Of India



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12.If the item is covered under DGS&D rate contract,please quote the rate as per the DGS&D rate contract with xerox copy of the DGS&D order.

13.Any dispute or differences that may arise between the parties shall be referred to the sole arbitration of the Centre Director or his nominees.The decision of the arbitrator shall be final and binding on the parties.The venue for arbitration shall be Bangalore.The provisions of the Arbitration and Concillation Act,1996 as amended from time to time shall apply.The Courts in Bangalore shall have exclusive jurisdiction to deal with any or all disputes between the parties.

Yours faithfully

For and on behalf of Insitute For Stem Cell
Biology and Regenerative Medicine

A handwritten signature in blue ink, appearing to read "Namratha A", is written over a horizontal line.

Namratha A

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INSTITUTE FOR STEM CELL BIOLOGY AND REGENERATIVE MEDICINE

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Specification for High Speed Centrifuge floor model with Rotors.

Max. Speed: 26,000 rpm \pm 500 RPM

Max. RCF: 75,000xg \pm 500 RPM

Max. Rotor Capacity: 6 x 1000 ml

Control: Microprocessor controlled, Touch-screen interface with digital display

Drive System: High performance, brushless, high frequency direct drive motor or other latest technology.

Temperature Control Range: 0°C to 40°C

Temp. Control Accuracy: \pm 1°C of set temperature

Refrigeration System: Non-CFC/ HCFC, non-ozone-depleting Refrigeration technology

Run Time: 99 h 59min; Hold

Ambient temp. range: 15 to 45 °C

Speed Control Range: 300 rpm to Maximum RPM

Speed Control Accuracy: \pm 25 rpm

Programmability: 15 programs or more

Acceleration/ Deceleration Profile: 9/10

Power: 230 VAC, 50 Hz, single phase

Instrument should have inbuilt vacuum system to support up to 200 micron vacuum pressure.

The centrifuge must be capable of supporting Fixed Angle/Swing-out rotor made of carbon fiber, titanium and aluminum rotors.

The centrifuge must provide automatic and instant rotor identification.

Centrifuge should have pre cooling/chamber pre-cooling option.

System must comply with CE and other safety and regulatory standards.

The centrifuge must offer a non-prorated drive unit warranty of 10 years or more.

Rotors provided with this centrifuge must have a 15 years non-pro-rated rotor replacement warranty.

Machine should be brush-less high frequency direct drive motor and have features like

Delayed start/ stop, dual display of 'Run' & 'Set' parameters, Real Time Control, etc.

Warranty applicable for the instrument and the rotors are to be mentioned clearly.

A suitable voltage stabilizer should also be supplied along with the centrifuge

machine and the stabilizer cost to be included in the main quotation only.

The suitable consumables should be quoted as optional item

Fixed angle rotors (Cost to be included in the main Quotation only, the price of units should be mentioned separately) Selected rotors must be certified as autoclavable to 121 °C.

Fixed Angle Rotor

Max. Speed: 8,000 rpm or more

Max. RCF: 15,000 x g or more

Capacity: 6 x 1000ml

Fixed Angle Rotor

Max. Speed: 16,000 rpm or more

Max. RCF: 30,000 x g or more



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Capacity: 6 x 250 ml

Fixed Angle Rotor

Max. Speed: 25,000 rpm or more

Max. RCF: 75,000 x g or more

Capacity: 8 x 50 ml

Fixed Angle Rotor

Max. Speed: 17,000 rpm or more

Max. RCF: 39,000 x g or more

Capacity: 14 x 50 ml

Fixed Angle Rotor

Max. Speed: 10,000 rpm or more

Max. RCF: 17,500 x g or more

Capacity: 6 x 500 ml

Compatible 10/15 ml and 1.5 ml adaptors for 8 x 50 ml rotor should be provided.

Spare set of bottles each of (6 x 1000 ml), (6 x 500ml) (6 x 250 ml) and tubes (8 x 50 ml) for the operation of Fixed Angle Rotors to be included in the main quotation only.

Important Note

Complete Instruction, Service Manuals with Circuit diagrams and engineering details (including Refrigeration) should be supplied along with the system.

Supply, installation, training and final acceptance tests at NCBS, Bangalore.

Training to be provided to the researchers on site of installation of the equipment.

Warranty

The warranty of the equipment should be for a period of minimum 36 months from the Date of acceptance. During the warranty period free upgrades of the software's should be provided without any cost.

Centrifuge should be offered with all suitable rotors and required accessories listed as optional on the tender.

The offer should include the list of suitable rotors for model with cost of rotors and consumables.

The system should be CE/ISO Certified

