

National Center for Biological Sciences

Tata Institute of Fundamental Research

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ENQUIRY

Ref: NCB/CA19-167/192016 (V)

January 09, 2020

=>By Speed Post/Courier

Dear Sirs,

Please let us have your Quotation for the following :

Sl.No	Item Description	Qty
1	<p>Deep freezer (-86°C) Technical Specifications: - Ultra Low Temperature, Vertical Upright type -86° C Deep Freezer</p> <ul style="list-style-type: none"> • Ultra Low Temperature -86°C freezer, suitable for storage of biological research samples. • Operating temperature range should be from -50°C to -86°C at ambient temperature of 35-degree C. It must maintain -80°C under normal working condition at ambient 35°C • System should be vertical standing and should have working volume of 525 Ltrs (± 5%) • System should be fully programmable microprocessor controlled display. • The system should have digital display. The digital display should be clear, easy to read LCD/LED touch screen to display all the parameters and alarms. • System should be equipped with precise temperature controller with accuracy of ± 1°C & it should maintain uniform temperature in freezer. • The system should have on board diagnostics, which allows quicker diagnosis of problem and minimizing downtime. The data storage should be minimum of 4GB and Data should be available in the display. • The system should have low/over voltage protection, surge protection to minimize potential damage from voltage spikes. • The system should be equipped with suitable Audio Alarm/buzzer and visual alarm for power failure, temperature deviation and other malfunctioning of system. • System should have at least four compartments with individual inner SS doors with independent door hinges and latches. • System should have the latest refrigeration system. A suitable document should be produced by the supplier for the refrigeration system and type of gas. • System should have NO-NC contacts and BMS port for connection to remote monitoring system and for all the parameters required for monitoring. • The system should have user viewable data logging for power failure, door opening, temperature etc. • The system should have password protection to change the set parameters • The system should have access ports as standard to attach the external sensors. • The system should have Door latch operation with one-handed opening and closing and Handle must include door key lock for security. 	01.00 No.

- The system should be efficient, silent suitable for indoor operation and must maintain sound level below 50 dB
- The Freezer door must open at least 180 degrees for easy sample access.
- System should have enhanced acoustic insulation with small foot print.
- The system should have Power management system and should show incoming line voltage by indicating low or high line voltage. Line voltage should be logged for a period of up to 8 years and data should be able to download via a USB port.
- The Compressor should be based on Inverter technology with Variable speed compressor for minimal Energy Consumption.
- The system should notify the user to perform preventative maintenance tasks including filter change and backup battery test.
- The system should have castor wheel for easy movement.
- The system should meet the international safety standards and CE, ISO 9001, ISO13485, USFDA Marked or equivalent marked.
- System should be offered with minimum 3-year warranty as part of offer (**not as extra item**).
- System should have battery backup for controller, display and alarm.
- System should have door handle and latch assembly with standard key lock.
- System should be suitable for 230v, 50Hz single phase power supply.
- System should have pressure equalization part (PEP).
- The system should be supplied with the suitable stabilizer.
- System must be offered with inventory like SS racks boxes and dividers for full capacity of all the freezers and *freezer should hold 400 - 2" boxes or 4000 - 2ml Vials*
- The vendor should have the base in Bangalore. Office address and service Engineer contact details should be enclosed with the quotation.
- The quoted system should be CE/ISO Certified.
- The past performance/service support in NCBS/inStem/CCamp should be satisfactory and the technical evaluation will be done accordingly.
- Technical/Maintenance manuals, Certificate of calibration and inspection from factory to be supplied with system.
- Compliance to each of the above points should be separately indicated and evidence presence for each of them (Product brochures should be highlighted wherever required).
- **The offer should have minimum two reference from Bangalore base research institute about product and service support.**

NOTE :1. Please provide authorization letter from OEM along with quotation.
2. The Price quoted against this RFQ should be extended to Bangalore Life Science Cluster (BLiSc)of NCBS, Instem and C-CAMP for placing repeat order as per norms, by any one or all institutes of Bangalore Life Science Cluster (BLiSc)

1. The quotation shall be submitted in a sealed envelope duly superscribed with the enquiry number, and the due date for Ref No: 192016.. The bids should be addressed and to be mailed/couriered (sent by post/courier) 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 NCBS will not be responsible for the delay.

2. DUE DATE FOR SUBMISSION OF QUOTATION AGAINST THIS ENQUIRY IS 27/01/2020 BY 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 due 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 NCBS 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 1% Cus Sec & High Edu. CESS 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.

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 Conciliation 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.

14. The quotations may be submitted in USD, Euro, GBP, JPY and any tradable currency.

15. TIFR-NCBS is a public funded research institute and is entitled to concessional rate of GST @ 5% for certain items supplied for reresearch purpose vide notification no. 47/2017 and 45/2017 dated 14th Nov, 2017. The offer should be submitted after fully considering the above notification.

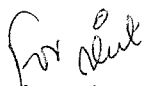
16. Liquidity Damages: If the equipment/ items as per specifications in our P.O. is not supplied (shipped) within the specified delivery schedule, then liquidated damages (not in terms of penalty) will be imposed automatically and shall be deducted from the bill at the rate of 0.5% per week subject to a maximum of 10% of the order value.

17. Income Tax at the applicable rates as per the Indian Income Tax Act 1961 will be deducted at source for the services availed / ordered. In case of service provider, the rate of tax deduction shall be at 2% as per Section 194C, and in case of fee for professional / technical services.

Yours faithfully

For and on behalf of

National Centre for Biological Sciences



Head Purchase