



National Center for Biological Sciences
Tata Institute of Fundamental Research
GKVK, Bellary Road, Bangalore 560 065. India

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ENQUIRY

Ref: NCB/CA17-80/162144

August 30, 2017

Dear Sirs

Please let us have your Quotation for the following:

S.No.	Item Code	Description	Qty	UOM
1	LCQFR000018	Supply and Installation of -80 freezers (As per the specification attached)	3.00	NO

1. The bids shall be enclosed in an envelope and due date sealed duly marked Tender for _____ Ref No: 162144. 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 be 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 18/09/2017.

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 state 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 advalorem 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

Yours faithfully
For and on behalf of
National Centre for Biological Sciences

Shabeen

SHABEEN TAJ

Copy to: Prof. / Dr. / Mr. / Mrs. / Ms. / Shri / Smt. JAYAPRAKASH R. (NCB-17N1510)
Your Indent Req. No. JRA1200082 Dated: 23/08/2017 refers

Remarks: -80 freezer for common facility



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ANNEXURE-I

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Deep freezer (-86°C)

Technical Specifications: -

Ultra Low Temperature, Vertical Upright type -86° C Deep Freezer

1. Ultra Low Temperature upright -86°C freezer suitable for storage of biological research samples.
2. 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
3. System should be vertical standing and should have working volume of 500 Ltrs ($\pm 10\%$)
4. System should be fully programmable microprocessor controlled with keypad and eye level control panel.
5. The system should have digital display. The digital display should be clear, easy to read LCD/LED screen to display all the parameters and alarms.
6. System should be equipped with precise temperature controller with accuracy of $\pm 2^\circ\text{C}$ & it should maintain uniform temperature in freezer.
7. The system should have on board diagnostics, which allows quicker diagnosis of problem and minimizing downtime and digital data storage with USB to download the data.
8. The system should have low/high voltage protection, surge protection to minimize potential damage from voltage spikes.
9. The system should be equipped with suitable Audio Alarm/buzzer and visual alarm for power failure, temperature deviation and other malfunctioning of system.
10. System should have at least four / five compartments with individual inner SS doors with independent door hinges and latches.
11. System should have the latest refrigeration system as per the France agreement for environmental protection 2017. A suitable document should be produced by the supplier for the refrigeration system and type of gas.
12. System should have NO-NC contacts for connection to remote monitoring system and port for BMS control for all the parameters required for monitoring.
13. System should have enhanced acoustic insulation with small foot print.



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14. The system should meet the international safety standards and CE, ISO 9001, ISO13485, USFDA Marked or equivalent marked.
15. System should have robust and silent compressor.
16. System should be offered with minimum 3 years warranty as part of offer (**not as extra item**).
17. System should have battery backup for controller, display and alarm.
18. System should have door handle and latch assembly with standard key lock.
19. System should be supplied with power rating of 230v, 50Hz single phase.
20. System should have pressure equalization part (PEP).
21. System should be highly energy efficient.
22. 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).
23. The system should be supplied with the suitable stabilizer.
24. System must be offered with inventory like SS racks boxes and dividers for full capacity of all the three freezers.

Shabeen
1/9/2017