



National Center for Biological Sciences  
Tata Institute of Fundamental Research

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ENQUIRY

Ref: NCB/IC17-165/163124

December 20, 2017

Dear Sirs,

Please let us have your Quotation for the following :

S.No.	Item Code	Item Description	Qty	UOM
1	FCQBE000205	Incubator Shaker.(As per the specification attached).	2.00	NOS

Please also indicate specifically the following:

1. The bids / quotation addressed to "THE HEAD – PURCHASE" with Tender / Enquiry Ref No. and Item description should reach us before submission date and time. The bids/quotation are liable to be rejected, if not addressed to "THE HEAD – PURCHASE".

**2. EXIM CODE - 8 digit Customs Tariff Number – HSN (Harmonised System Nomenclature)**

3. Country of origin

4. Place of shipment

5. Name, address, telephone number and fax numbers of your bankers

6. Your account number and swift number with the bank (required for payment purposes if the order materialises on your firm)

**7. Please indicate freight and insurance charges separately.**

8. Please indicate the Warranty Period and Delivery Period

9. Kindly expedite sending your Quote/Proforma Invoice/Invoice by courier so as to reach us latest by 09/01/2018

**Important Note:**

10. Shipping by AIRFREIGHT ONLY – CARGO MODE
11. Port of Entry for Customs clearance is – BANGALORE
12. Please use International Freights which arrive directly into Bangalore. Ex. Lufthansa Airlines Cargo, Singapore Airlines Cargo
13. NO SHIPMENT SHOULD BE MADE THROUGH COURIER COMPANIES LIKE FEDEX, TNT, UPS, DHL ETC. SHIPMENTS SENT THROUGH FEDEX, TNT, UPS, DHL, ETC. WILL NOT BE ACCEPTED BY NCBS.
14. NCBS is exempted in paying customs duty (except advalorem duty of 5% + 2% cess and 1% Cus Sec & High Edu.CESS on CIF value)

PLEASE NOTE THAT PAYMENT WILL BE MADE THROUGH SIGHT DRAFT THROUGH BANK (CASH AGAINST DOCUMENTS). DOCUMENTS WILL BE RELEASED FROM THE BANK IMMEDIATELY ON RECEIPT OF THE INTIMATION. BANK CHARGES INSIDE INDIA SHALL BE TO NCBS ACCOUNT AND OUTSIDE INDIA SHALL BE TO YOUR ACCOUNT. ALSO DO NOT INCLUDE CHARGES TOWARDS CUSTOMS DUTY IN YOUR PRICES SINCE NCBS WILL BEAR THIS EXPENDITURE.

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

*Shabeen*

SHABEEN TAJ

Copy to: Prof. / Dr. / Mr. / Mrs. / Ms. / Shri / Smt. NAVEEN KUMAR (NCB-12P4510)  
Your Indent Req. No.TEM2120006 Dated:14/12/2017 refers.



NCB/F-163124/17-18 (T)

### Specification of Incubator Shaker

1. General: microprocessor controlled Incubator Shaker It should have touch screen LCD controller with easy icons and user-friendly control system.
2. The system should have the capacity of 80 liters  $\pm$  2%
3. The system should be equipped with large, easy to read display screen.
4. The system should have temperature range from +4°C to 80°C.
5. The system speed should be 20-400rpm  $\pm$  1rpm
6. The fluctuation/variation at 37°C should not be more the 0.1°C /0.5°C
7. The system should have the option to mute the audible alarms
8. Air circulation by a fan to maintain temperature uniformity.
9. It should have timer of up to 1 min to 999 Hrs.
10. The system should have three-point temperature calibration / Automatic tuning.
11. The system should have the Corrosion resistance stainless steel interior and epoxy-powder coated exterior.
12. The system should have Temperature and shaking speed deviation alarm.
13. The system should be supplied with 2 nos of adjustable shelves
14. The system should have Built-in RS-232 port and USB port for external control and data collection.
15. The system should have Smooth start and smooth stop function prevents chemical spills from flasks or test tubes and Easy-access drain system to clean up the spills.
16. The system should have programmable controller to automate parameter changes on a timed basis.
17. The system should be quoted with Universal Platform having capacity to holds various size of flask sizes 50ml, 100ml, 200ml 250 ml, 500 ml, 1000 ml clamps each 2 nos and test tube racks with the main offer.
18. Electronic and mechanical components should be enclosed, protected from accidental spills.
19. The system should supply with universal platform with 14"wide X14" depth .
20. The system should have automatic restart function in case of power failure and after door opening and closing
21. The system should have acceleration/deceleration circuit to prevent sudden start and stop for delicate sample.
22. The incubator shaker should be quoted with stackable kit with the main offer.
23. The system should operate at 230V, 50 Hz AC power
24. The system should be supplied with Retractable foot caster for easy mobility during installation or relocation.
25. It should have open lid cut out switch stop agitation when chamber is open.
26. The system should be supplied with all the accessories required to function in the main offer (not an optional accessories Ex. Clamps, test-tube racks, stacking kit, castor wheels etc) .
27. 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).
28. The system should be supplied with 3 years' warranty.
29. The System should be CE/ISO Approved.