



National Center for Biological Sciences  
Tata Institute of Fundamental Research

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ENQUIRY

Ref: NCB/IC17-210/163409

January 18, 2018

Dear Sirs,

Please let us have your Quotation for the following :

| S.No. | Item Code   | Item Description  | Qty  | UOM |
|-------|-------------|---|------|-----|
| 1     | FCQLI000036 | <p>BENCHTOP MODEL REFRIGERATED STACKABLE INCUBATOR<br/>SHAKER<br/>SPECIFICATION</p> <ol style="list-style-type: none"><li>1. Should have Temperature range from 20°C below ambient to 80°C PI Microprocessor control with platinum RTD Sensor.</li><li>2. Speed should be: 25- 400 rpm, ± 2 RPM</li><li>3. Should have Accuracy and control: ±0.1°C AT 37°C.</li><li>4. Shaker should be equipped with single knob to select all operating conditions quickly with large LCD display..</li><li>5. Capable of calibrating temperature and speed via keypad.</li><li>6. At least 3 onboard programs should be there in shaker each program should have different time based steps to control temperature and speed. (Minimum 15 steps per program)</li><li>7. Shaker should have drip pan.</li><li>8. Should have built-in water reservoir to humidify chamber reduce sample evaporation.</li><li>9. Shaker with minimum foot print will be preferred.</li><li>10. Humidity monitor, gassing manifold, remote alarm, photosynthesis light bank   Uv germicidal lamp should be available optionally.</li><li>11. Alarm must be activated if speed deviates ± 5rpm.</li><li>12. Shaker must have option of 19mm   25mm drive orbit.</li><li>13. Should come with Automatic Restart: Starts automatically after door opening and closing or power failure.</li><li>14. Should have heavy duty counterbalanced Triple-eccentric counterbalanced drive in cast iron housing with 9 permanently lubricated ball bearings, Driven by solid-state brushless DC motor.</li><li>15. Should have data logging via RS 232 and remote computer running</li></ol> | 1.00 | NO  |

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|       |           | 16. Should have acceleration circuit to prevents sudden start and stop to avoid cell damaging.   |     |     |
|       |           | 17. Should have universal platform with dimension of 18 <sub>i</sub> Wide X 18 <sub>i</sub> Deep ( 46cm x 46cm).with clamps for 250ml(4nos),500(4nos),1000ml(2nos) and 2000(2nos). |     |     |
|       |           | 18. Should have Stainless Steel rack comes as standard for the Incubation. Should have stacking kit.   |     |     |

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 08/02/2018

**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. ANJANA BADRINARAYANAN (NCB-12P4174)  
Your Indent Req. No. ABN0120035 Dated: 17/01/2018 refers.