

**ENQUIRY**

Ref: NCB/CA20-50/201037(V)

December 18, 2020  
=>By Speed Post/Courier

Dear Sirs,  
Please let us have your Quotation for the following :

Sl.No	Item Description	Qty
1	Tissue Culture Incubator with O2 control  <b>Tender Specifications for CO<sub>2</sub> Incubator with Oxygen control:</b>  <ol style="list-style-type: none"> <li>Stackable CO<sub>2</sub> incubator with at least 170 L of internal capacity.</li> <li>Temperature management; 4°C above ambient to 50°C with control increment of 0.1°C, Temperature stability at 37 °C ± 0.1°C, Temperature uniformity of ± 0.3°C at 37 °C.</li> <li>Temperature uniformity of the chamber should be according to German DIN 12880 norm.</li> <li>CO<sub>2</sub> gas range should be at least 0.1 – 20% with control increment of 0.1%, Accuracy ± 0.3% at the specified RH at 37°C and ambient 22°C, Stability of ± 0.1% at 37°C and ambient 22 °C Gas uniformity of ± 0.1% at 37 °C and ambient 22°C across the chamber.</li> <li>CO<sub>2</sub> recovery: Should attain 5% CO<sub>2</sub> without overshoot within 6 min after door opening and closing event.</li> <li>Should have High-Temperature Disinfection [HTD] of 180 °C for 2 hours. Entire HTD cycle including the time for warming up and cooling down to incubation temperature (37 °C) should not take more than 14 hours.</li> <li>Should have Touch Screen display with Advanced User Interface (AUI) and on-board data logging and option to transfer data via USB interface.</li> <li>Should have 1-20% O<sub>2</sub> option for cultures requiring hypoxic environments.</li> <li>Should be drift free Zirconium Oxide (ZrO<sub>2</sub>) type O<sub>2</sub> sensor, with long life of minimum 3 years and with High temperature resistance of 180°C.</li> <li>The input gas pressure required should be 0.1 MPa (1 bar, 14.4 psi); operational gas pressure requirement range should be 0.05 -0.15 MPa (0.5 – 1.5 bar, 7.2 -21.8 psi). The gas tubing should have inner diameter of 6.5 mm and outer diameter of 10 mm</li> <li>The system should have BMS relays built in and option to incorporate onto Data monitoring and documentations modules.</li> <li>Should have flexibility to have right or left door opening option. Hinges, associated cable and other accessories should be robust and stringently tested.</li> <li>Should have separate single inner glass door for monitoring of samples without disturbing conditions of the chamber;</li> <li>The Inner chamber should be formed from single stainless-steel sheet with deep-drawn, seamless design with no corners, welds or joints for higher capacity and ease of cleaning.</li> <li>Should have six-sided direct heating elements to ensure even distribution of heat throughout the chamber with four independent temperature sensors.</li> <li>Should come with a removable humidity tray for easy cleaning and refilling of distilled water.</li> <li>Should be “fan less” design to reduce chance of contamination, reduce noise level, minimum air turbulence, bigger usable capacity and reduction of recurring cost associated with periodic HEPA filter replacements.</li> <li>Should have state of the art Dual Channel Non- Drift Infra-Red (NDIR) type CO<sub>2</sub> sensor with</li> </ol>	01.00 No.

<p>auto-calibration feature to ensure accuracy of sensor automatically and capacity to withstand at least 180 °C during high temperature disinfection.</p> <p>19. Should have two Access ports; each of 25 mm dia. at the back of the chamber to allow for external probes, etc., for monitoring of chamber conditions by using third party instruments.</p> <p>20. The incubator should come with standard 4 perforated stainless-steel shelves shelves with 4 position shelving rack and 4 Split inner doors and option to upgrade to 8 shelves; thickness of each shelf should be 1.5 mm with flatness tolerance of individual shelves of 1 mm or lesser.</p> <p>21. Should have Copper kit consisting of 4 shelves and humidity tray made of biocidal copper for decreasing contamination risk optionally.</p> <p>22. The footprint should not exceed 5150 cm<sup>2</sup>, height should not exceed 90 cms for saving bench space. Stacking kits should be available optionally.</p> <p>23 Should conform to CE certification standards.</p> <p>24 System should be under the warranty period of 3 years.</p> <p>25 The system should operate at 230V, 50Hz AC supply</p> <p>26 Compliance for each specification has to be mentioned separately</p>	
<p><b>NOTE :1. Please provide authorization letter from OEM along with quotation.</b></p> <p><b>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).</b></p> <p><b>Important Note:</b></p> <p><b>1. The Tenders to be quoted in INR.</b></p> <p><b>2. This invitation is only for Class “1” and Class “2” Suppliers as prescribed in “Public Procurement (Preference to Make in India) order 2017 of GOI. Dept of DIPP” (OM No. P-4502/2/2017-PP(BE-II) dated 04<sup>th</sup> June, 2020. Necessary certification for local content must be submitted by the prospective bidders strictly as per Annexure attached with the tender document.</b></p> <p><b>3. For indicating the price, the tenderers may choose any/all of the following: The ‘Class-I Local Supplier’ / ‘Class-II Local Supplier’ at the time of tender, bidding or solicitation shall be required to indicate percentage of local content and provide self-certification that the item offered meets the local content requirement for ‘Class-I Local Supplier’ / ‘Class-II Local Supplier’ as the case may be.</b></p>	

**1. The quotation shall be submitted in a sealed envelope duly superscribed with the enquiry number, and the due date for ..... Ref No: 201037. 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 01/01/2021 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 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.**

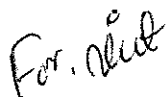
13. Any dispute or differences that may arise between the parties shall be referred to the sole arbitration of the Centre Director or his nominees. The decision of the arbitrator shall be final and binding on the parties. The venue for arbitration shall be Bangalore. The provisions of the Arbitration 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.

14. TIFR 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.

15. 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.

16. 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

**Certificate for Local Content**

“We (name of manufacturer) hereby confirm in respect of quoted item(s) that Local Content is equal to or more than 50% and come under “Class-I Local Supplier” Category. As being “Class – I Local Supplier”, we are eligible for Purchase Preference under “Make in India” Policy vide GOI Order No.P-45021/2/2017-PP (B.E.-II) dated 15.06.2017 (subsequently revised vide orders dated 28.05.2018, 29.05.2019 and 04.06.2020).

OR

“We (name of manufacturer) hereby confirm in respect of quoted item(s) that Local Content is more than 20% but less than 50% and come under “Class-II Local Supplier” Category.

The details of the location (s) at which the local value addition made is/are as under:

- 1.
- 2.
- 3.

\*Strike out whichever is not applicable

Date:

Seal & Signature of the Bidder

**NOTE:**

- Self-certification that the item offered meets the minimum local content (as above) giving details of the location(s) at which the local value addition is made in case the bidder wishes to avail the benefits under the make in India policy, if applicable.
- In cases of procurement for a value in excess of Rs.10 crores, the local supplier shall be required to provide a certificate from the statutory auditor or cost auditor of the company (in the case of companies) or from a practicing cost accountant or practicing chartered accountant (in respect of suppliers other than companies) giving the percentage of local content to avail the benefits under the make in India Policy, if applicable.