

**Open Tender Notification for the procurement of "High volume stainless steel
Carbondioxide incubator for cell culture" at the Biochemistry Department, Indian
Institute of Science, Bangalore**

(Last date of submission of tenders: 10th October, 2023)

(TENDER FROM DOMESTIC VENDORS)

September 18, 2023

Dear Sir/Madam,

Sub: High-volume stainless-steel Carbon dioxide incubator for cell culture

This is a domestic tender notification meant for the purchase of an " High-volume stainless-steel Carbon dioxide incubator for cell culture " towards the purpose of culturing mammalian cells and to place small live cell imaging devices to monitor cells in real-time. Your quotation should clearly indicate the terms and conditions of the quotation, delivery schedule, entry tax, payment terms, warranty coverage etc. The quotation should be submitted in two parts: **Part I (Technical Bid) and Part II (Commercial Bid)** and both should be submitted in separate sealed envelopes. The Technical bid should be exactly the same as the Commercial bid except that prices must not be shown in the technical bid. The Technical bid should have an item wise compliance report of all specifications indicated below. **The last day for submitting the bid is 10th October, 2023 from the date of tender notification.** The offer should be valid for a period of at least 90 days from the last date of submission of quotes. **Quote should come only from Indian Original Equipment Manufacturer (OEM) or their Indian authorized distributor.** The quotations should be on FOR-IISc Bangalore basis in INR only.

The bid should address the following technical specifications for the: High-volume stainless-steel Carbon dioxide incubator for cell culture:

Direct heat chamber

- High volume (220-250L capacity) 100% solid electropolished stainless-steel chamber with compact footprint, easily stackable
- Temperature Range: Ambient +3°C to 55°C; Shelves: Supplied – 3; Max - 12 Relative Humidity
- Humidity Source: Integrated water reservoir CO2 Sensor Technology: TC Sensor CO2 Concentration Range: 0 to 20%
- Electrical Requirements: 230 V, 50/60 Hz
- Standard left hand door swing, field reversible by qualified service support
- Minimal, easy-to-clean assembly with smooth inner chamber and rounded corners for easy cleaning
- In-chamber fan gently distributes conditioned, humidified air throughout the chamber ensuring homogeneous conditions

In situ sensors and probes designed for precise monitoring

- TC (thermal conductivity) CO2 sensor for long, reliable operation

- Dual temperature probes with over temperature protection

Rapid response humidity reservoir

- Directly heated water reservoir designed to provide stable, high relative humidity, preventing culture desiccation
- Pan-less system provides recovery rates up to 5X faster than traditional water pans
- Water level sensor indicates when a refill is needed

At least 90°C moist heat disinfection cycle

- On-demand cycle simplifies cleaning and eliminates the need to separately autoclave components
- Operation is push-button simple and does not require removal of sensors or other components

Important: Please note that the High-volume stainless-steel Carbon dioxide incubator for cell culture should match all technical specifications and item- wise compliance must be listed in a detailed document in the technical bid

1. The Bidder should belong to either Class-1 or Class-2 suppliers distinguished by their “local content” as defined by recent edits to GFR. They should mention clearly which class they belong to in the cover letter. a) Class-1 supplier: Goods and services should have local content of equal to or more than 50%. b) Class-2 supplier: Goods and services should have local content of equal to or more than 20 % and less than 50%.
2. Bidders offering imported products will fall under the category of non-local suppliers. They cannot claim themselves as Class-1 local suppliers/Class-2 local suppliers by claiming the services such as transportation, insurance, installation, commissioning, training, and other sales service support like AMC/CMC, etc., as local value addition.
3. Purchase preference as defined by the recent edits to GFR (within the “margin of purchase preference”) will be given to the Class-1 supplier.
4. MSMEs can seek an exemption to some qualification criteria. IISc follows GFR2017 for such details.

The sealed tender documents should be addressed to The Chair, Department of Biochemistry, Indian Institute of Science, Bangalore 560 012. Last date for receiving queries is 10th Oct. 2023 from the date of tender notification.

Thank you,

Sincerely

Chair
Department of Biochemistry,
Indian Institute of Science
Bangalore - 560 012