



Ref: INSIF-5733/2017-2018(Y)

Date : 03/11/2017

**ENQUIRY**

Dear Sirs,

Please let us have your lowest Quote/Proforma Invoice indicating cost including packing ,insurance,estimated airfreight charges,handling charges,etc.CIF/CIP upto inStem Stores for the following materials.

Sl.No	Cat.No	Item Description	Make/Model	Item Qty	UOM
1		trigas incubator - 48litres with real time monitoring system (Specifications Attached)		1.00	Ltrs

**Remarks: The Tenders to be quoted in foreifn currencies- USD/Euro/JPY/GBP/SGD/CAD or any other currencies approved/traded by RBI.**

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 origion
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 frieght and insurance charges seperately.**
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 **22/11/2017 till 5.30 p.m.**

**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.



**Institute For Stem Cell Biology and Regenerative Medicine**  
Autonomous Institute of the Department of Biotechnology, Government Of India



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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.inStem is exempted in paying customs duty(except advolerum duty of 5% + 2% cess and 4% CVD 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 Insitute For Stem Cell  
Biology and Regenerative Medicine

A handwritten signature in black ink, appearing to read 'Y. S. R.', with the name 'Y. S. R.' printed below it.

GKVK, Bellary Road, Bangalore-560065,INDIA

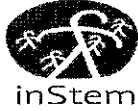
Phone No. : 91-80-23666343/344/345/346

Fax : 91-80-23636662

Email Id: purchase@ncbs.res.in

Website : www.ncbs.res.in





inStem

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**Specification for CO<sub>2</sub> Incubator with trigas**

1. Internal Capacity should 45-50 liter.
2. Temperature management Should be 5°C above ambient to 50°C.
3. Temperature control and stability should be  $\pm 0.1^\circ\text{C}$ .
4. CO<sub>2</sub> gas range should be at least 0.2 – 20%
5. CO<sub>2</sub> recovery rate of at least 0.7%/ minute, up to 90% setpoint.
6. The chamber interior should be formed from a single sheet of stainless steel of highest quality with deep-drawn and seamless design for increased capacity and easy during cleaning.
7. Should have six-sided direct heating elements to ensure even distribution of heat to the entire incubator chamber.
8. Should be fanless design to reduce chance of contamination, reduce noise level, minimum air turbulence and bigger usable capacity.
9. Should have building management system relays.
10. Should have a large backlit display with on screen help menus, control and data logging of temperature, humidity, CO<sub>2</sub> door openings, alarms and O<sub>2</sub> gases for at least 72 hrs of historical data.
11. Should have separate single inner glass door for monitoring of samples without disturbing conditions of the chamber.
12. Should come with an inline pressure regulator to ensure less gas consumption and prevent overshooting of pressure which shortens life span of incubator.
13. Should come with a removable humidity tray for easy cleaning and refilling of distilled water.
14. Should have password protection to prevent changing of parameters.
15. Should have infra-red CO<sub>2</sub> sensor with “autozero” function to ensure accuracy of sensor automatically and can withstand at least 120°C during high temperature disinfection.
16. The incubator should come with standard 3 perforated stainless steel shelves and able to fit up to 6 shelves as options.
17. Should have a manual humidity control of 90-97% at 37 °C.
18. Should have O<sub>2</sub> control of 1-19 % for dedicated applications.
19. Should have High-Temperature Disinfection (HTD) of at least 120 °C for 4 hrs, and entire Disinfection/Sterilisation cycle (including heating up & cooling down) taking 12 hrs or lesser.
20. Should have incubator software command which allows tracking key operational information such as time, temperature, CO<sub>2</sub> concentration and humidity and remote alarm .should supply with all accessories to connect existing co2 incubators.
21. Should conform to EN 61010-1 1993, EN 50081-1 1992, EN 50082-1 1992.

