

Ref: INS/F-5964/2017-2018(Y)

Date : 03/01/2018

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		Environmental Chamber (Specifications Attached)	any	1.00	No.

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

Please also indicate specifically the following :**inStem is a public funded research institute and is entitled to concessional rate of GST @ 5% for items supplied for research purpose. The offer should be submitted after fully considering the above notification. **

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.

.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.

.Kindly expedite sending your Quote/Proforma Invoice/Invoice by courier so as to reach us latest by
16/01/2018 till 5.30 p.m.

Important Note

10.Shipping by AIRFREIGHT ONLY-CARGO MODE

11.Port of Entry for Customs clearance is -BANGALORE

2.Please use International Freights which arrive directly into Bangalore.Ex.Lufthansa Airlines Cargo,Singapore Airlines Cargo.



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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.

4.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



Yesu R

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Specifications for Environmental Chamber with humidity control

- Wide temperature range of 0° to 60°C that enhances the flexibility of the unit
- Relative humidity control via steam generator from above ambient to 95% at 37°C
- Sophisticated digital controls
- Programmable ramp and soak cycles for temperature and Relative humidity
- Durable cabinets with true laminar airflow through side plenums for extremely tight uniformity
- Phenolic-coated evaporator for use in applications that create corrosive byproducts
- Manual control of defrost and refrigeration cycles
- Visible/audible safety alarms alert to over- and under temperature conditions, deviation of humidity from set parameters
- Cold-rolled steel, powder-coated cabinet
- CFC-free, foamed-in-place polyurethane insulation
- Stainless-steel interior with solid stainless-steel adjustable shelves
- Directed horizontal airflow system for excellent uniformity
- Locking swivel casters for easy mobility during installation and cleaning
- Leveling feet for stability and added safety in the lab
- Interior lighting
- Reinforced shelving and flooring for heavy loads
- Heatless dryer for lower humidity levels
- Access ports for probes, sensors
- Interior convenience receptacles
- CO2 (IR sensor)
- Temperature chart recorder

Specifications:

Interior Volume: 29.0 cu. ft. (821.2 liters)

Interior Material: Type 304, 2B finish, stainless steel

Exterior Material: Cold-rolled steel, powder coated

Outer Door Gasket: Four-sided, vinyl compression

Temperature

Control: $\pm 0.1^{\circ}\text{C}$ @ 25°C to 37°C (77°F to 98.6°F)

Range: 0°C to 60°C (32°F to 140°F)

Sensor: RTD

Controller: Microprocessor, PID

Programmability: Ramp & Soak (to 40 steps)

Setpoint: Digital

Display: Digital dual LED

Readability & Setability: 0.1°C

Uniformity*: $\pm 0.3^{\circ}\text{C}$ @ 25°C to 37°C (77°F to 98.6°F)

Sensor & Controller: Thermostat

Setpoint: Analog reference dial

Alarm: Audible/visual

Refrigeration

Compressor: 1 4 HP, air-cooled

Refrigerant: Non-CFC, R134A refrigerant

Humidity

Input Water Quality: 50K-1Megohm resistance





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Input Water Volume: 1 gallon/hour

Input Water Pressure: Gravity to 40 psiRH: Above ambient to 95% @ 37°C (98.6°F) ±5.0% RH

Sensor: Bulk polymer

Controller: Microprocessor, PID

Programmability: Ramp & Soak (to 40 steps)

Setpoint: Digital (direct set in % RH)

Display: Digital, dual LED (direct read in % RH)

Readability & Setability: 1.0%

Steam Generator: Initial fill approx. 1 qt. (1 liter)

Steam Alarm: Audible/visual

Fill Port: 1 8" female NPT

Drain Port (bottom): 3 8" FPT & 3 8" O.D. P-trap right rear

Unit Heat Load: 6000 BTUH (1750 Watts)

Dimensions: W x H x F-B

Exterior: 38.0" x 88.5" x 32.0" (96.5cm x 224.8cm x 81.3cm)

Interior: 31.0" x 60.0" x 27.0" (78.7cm x 152.4cm x 68.6cm)

Shelves Dimensions: 30.6"W x 25.8" F-B (77.8cm x 65.6cm)

Construction: Solid stainless steel, reinforced

Surface Area per Shelf: 5.4 sq. ft. (0.5 sq. m)

Max. Surface Area per Chamber: 104.3 sq. ft. (9.7 sq. m)

Standard/Maximum Number of Shelves: 6, 19

Load per Shelf: 35 lbs. (15.9 kg), slide in/out 50 lbs. (22.7 kg), stationary

Electrical: 220-240V, 50/60 Hz 14.0 Amps,

Dry Contacts: Common, NO, NC

Data Output: 4-20 milliamp, temperature and RH

