

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



Ref: INS/W-5036/2019-2020(Y)

Date : 22/08/2019

ENQUIRY

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

Sl.No	Cat.No	Item Description	Make/Model	Item Qty	UOM
1		Supply & installation testing & commissioning of Walk in COLD/CHILLER ROOM complete system as per technical details attached Price must include supply of Cold room - PUF panels, Doors, evaporator units, condensing unit, controller system, copper piping, power & control cables, conducting, GC clothe covered insulation, installation spares, one-time refrigerant charge, installation labour charges, pressure testing, SS304 Internal racks, commissioning of the refrigeration units, transportation, material handling, taxes and Warranty for 01 year. (Specification Attached)		1.00	No.



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Remarks: *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)*

Note :

1. The bids shall be enclosed in an envelope, and due date sealed duly marked "Tender for _____" Ref No : _____. The bids should be addressed and to be mailed 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 inStem will not be responsible for the delay.

**2. DUE DATE FOR SUBMISSION OF QUOTATION AGAINST THIS ENQUIRY IS
06/09/2019 till 2:30 pm**

3. QUOTATIONS RECEIVED AFTER THE DUE DATE SHALL BE REJECTED.

4. The Validity of your quotation should be for 60 days from the 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 inStem 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 ad valorem duty of 5% + 2% cess and CVD @4% 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 equipment's, technical instruments, equipment's (including computers), their accessories, spares, consumables and software. Hence, please offer your prices taking this option into consideration.

12. If the 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.



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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 Concillation 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.

Yours faithfully

For and on behalf of Insitute For Stem Cell
Biology and Regenerative Medicine

A handwritten signature in blue ink, appearing to read 'Yesu R'.

Yesu R

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



Description
Supply & installation testing & commissioning of Walk in COLD/CHILLER ROOM complete system as per technical details

SPECIFICATION OF Supply & installation of Walk in COLD ROOM

Cold Room Size (External) Standard	COLD ROOM: 4000mm Wide X 4500mm Deep X 2750 Height
Lamination (For Wall & Ceiling) Insulation	0.5mm thick PPGI on outside and 0.5mm 304 SS on Inside
Insulation	Pre-Fab Modular PUF Panels using cyclopentane blowing agent.
Thickness of Insulation (for ceiling, wall & door)	60mm
Type of Insulation for Floor	60mm PUF slab with vapor barrier sheet. PCC and Kota stone finish is covered under the scope of the work.
Door Size & Type	PUF –Flush in type with 34” x 78” clear opening having viewport of minimum size 12” X 12” with anti- condensation heater, door also shall have Anti-Condensation Door Heater, Pad Lock System, Posi seal Closure, Human Safety Release knob.
Ambient Temperature	+35 Deg C
Product Stored	Chilled Foods
Temperature required in Room	+2 deg C to +8 deg C
No. of door openings per day	20 – 25 times
Refrigeration units	02 sets of 15000btu/hr refrigeration system. (01 working + 01 Standby)
Evaporator – MOC	SS 304 grade
Refrigerant	R404A
Defrost type	NA
Type of condenser	Air cooled
Digital Temperature indicator and controller system facilitating auto changeover (when one system fails) and auto rotation to manage equal run hours between the two units	To be provided
Internal – Lighting with switch controls outside the respective door	02 Nos. Vapor-Proof interior light fittings to achieve min 300 lux at 3 feet above floor. Make : Philips



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as per the requirement & standards	
Power Requirement	230 volts, 1 phase, 50hz
Interconnecting copper refrigerant lines along with copper power and control wiring in a suitable (mechanically protected) conduit system, between IDU & ODU, which is included in the scope of the work	About 15 RMT
First charge of refrigerant	To be Provided
Automatic changeover system	To be Provided
Stainless Steel Racks: 1200mm x 550mm x 2500mm Height with 05 shelves made up of 304 grade Stainless Steel.	8 numbers (2 racks below the ID units shall be sized accordingly)

Note:

- Vendor shall visit the site for accurate measurements of room dimensions and to clearly understand the site conditions and installation requirements before fabrication. The overall sizes given now are indicative only.
- The control logic shall be approved by the Engineer-In-Charge and no cost implication shall be entertained for this.
- The cost of outdoor unit stand / suspension structure is included in the scope of the work.
- GA, Power & control cabling scheme, location & mounting details of ID / OD units, SS racks (having caster wheels with break arrangement) shall be approved before fabrication.

