



**DEPARTMENT OF MICROBIOLOGY & BIOTECHNOLOGY**

UNIVERSITY SCHOOL OF SCINECES,

GUJARAT UNIVERSITY, AHMEDABAD-380 009 (INDIA)

TELEPHONE NO.: +91 79 2630 3225

---

*Ref. No. Micro./Biotech./ /2019*

*Date: 16 /09/19*

Messrs, .....  
.....  
.....  
.....

Dear Sir,

We desire to purchase the following/items as per the attached list. Please give your lowest Quotation for the same on or before date 23 Sept 2019. Quotations, only for items specified should be given, otherwise your quotation be given serially.

The sealed envelope must invariably be clearly labelled ‘Quotations for WALK IN INCUBATOR. Department of MICROBIOLOGY AND BIOTECHNOLOGY, otherwise your quotation will not be considered.

Please quote F.O.R. Microbiology and Biotechnology Department, Gujarat University, Ahmedabad-9.

Thanking you,

Yours faithfully,

Head of the Department

Encl.: As above.

## **Technical Specifications**

### **WALK IN INCUBATOR of 26 - 40 °C adjustable temperature:**

We require a WALK IN INCUBATOR of 26 - 40 °C adjustable temperature with following specifications.

#### **A General Details Incubator Room**

External Room Size - Freezer Room - Ft– Approx 8.71 x 9.67 x 8

External Room Size - Freezer Room -Inch – Approx 104.5 x 116 x 96

Room Temperature required 26 to 29 Deg C

Max Ambient Temperature 43°C

#### **B Product Details**

Product to be stored Research sample ( 200 kg/day)

Door Openings 5-10 times per day

Lighting Load 2 Watts/sqmt

#### **C Panel Details**

Material Of Insulation Polyurethane Foam (PUF) with Cyclopentane blowing agent

Density of panels 40 +/- 2 Kg/cubic meter

Thickness Of Insulation for walls/Ceiling 60 mm

Thickness Of Insulation for floor 60 mm

Thickness Of Insulation for walls/Ceiling- Ante Room 60 mm

Lamination for Walls Walls have PP GI Sheet Both Sides

Lamination for Ceiling Walls have PP GI Sheet Both Sides

Lamination for floor Floor- PP Outer 18G GI anti skid

#### **D Door Details**

Door Clear Opening 34" x 78"

Insulation Thickness 60 mm

Type Of Door Hinged Door with Manual Swing

Number of doors 1 No.

Lamination for door PP Sheet on both side

#### **E Refrigeration System Details**

Type of System Split (Wall mounted)

Type of condenser

100% Copper Condenser with Golden Hydrophilic Fins Protection

Type of compressor Inverter Rotary

Total Capacity Of High Wall Split AC Units- 12000 BTU/Hr per unit (1 Ton), 3 star No. of High Wall Split AC Units 2  
No.

Refrigerant R32

Compressor Run Time Solution recommends load sharing between 2 units after every 4 Hours

Electricity Power Supply 240 V/1 Ph /50 Hz

Temperature indicator

Digital Temperature indicator cum controller

### **F Heating System Details**

Type of System

Automatic Industrial Room Heater (Wall mounted)

No. of Units 1 No.

Desired Temperature range 26-40 deg C adjustable

Wind temperature 10-15 m/sec

Compressor Run Time Solution recommends load sharing between 2 units after every 4 Hours

Electricity Power Supply 220 V/1 Ph /50 Hz

Temperature indicator

Digital Temperature indicator cum controller

### **G Rack Details**

Type MS angle iron rack with 4 shelves 2 Dimension (wxdxh) Feet 4 x 1.5 x 6

Adjustable Angle of 2 mm thickness ( 14 gauge), Shelf of 1mm thickness (20 gauge)

No. of Racks: 6 No.