

All India Institute of Medical Sciences, Bhubaneswar
At - Sijua (Patrapada), Post - Dumuduma, Bhubaneswar (Odisha) - 751 019

To be uploaded in Website: www.aiimsbhubaneswar.edu.in (Tender)

Reference No: J-11077(027)/S&P/2022-23/VOL-17/289

Dated: 30/08/2022

Sub: Procurement of -86° Deep Freezer Model: TSX60086V [Make: Thermofisher] for the department of Microbiology (Project) at AIIMS, BBSR on Proprietary basis - Inviting Comments thereon.

The user section at AIIMS, Bhubaneswar has requested for Procurement of -86° Deep Freezer Model: TSX60086V [Make: Thermofisher] from M/s. Thermofisher Scientific India Pvt Ltd through their authorized distributor M/s. Bioapps, Kolkata.

The Notice is being uploaded for the general information of prospective manufacturer/Authorized Distributor/Dealers to submit their objection/proposal/comments, if any, on proprietorship of the item. In case the product of any manufacturer/Authorized distributor/Dealer conforms to the enclosed specifications, they may submit their proposal for the supply of the same along with the brochures, point by point compliance of the enclosed specifications along with all documentary evidence. One quotation of the product may also be submitted.

The objections/comments/proposal should be sent in a sealed cover to the Office of Sr. Procurement Cum Stores Officer, AIIMS, Bhubaneswar (Odisha) - 751019 or through e-mail to spo@aiimsbhubaneswar.edu.in, aso.rupattnaik@aiimsbhubaneswar.edu.in & jao_rohit@aiimsbhubaneswar.edu.in so as to reach on or before date: 13/09/2022 failing which it will be presumed that no other firm is interested to offer comments/protest/object and case will be decided on its merits.

Procurement OF ITEMS/ SERVICES THROUGH NON-GEM

Para - As per the Circular No. F.6/182019-PPD issued by Ministry of Finance, Dept of Expenditure dated 23 Jan 20 regarding procurement of goods/ services through Non-GeM, bidders are required to submit documents for the same. Bidders to submit the GeM registration details that they are already registered in GeM as the category of the product is not available in GeM, they are not able to participate in it. It is mandatory to submit the relevant documents as supporting evidence. An undertaking also to be given in company letter head that "Such already registered suppliers should be boarded on GeM as and when the item or service gets listed on GeM".

The ref. no.— J-11077(027)/S&P/2022-23/VOL-17, dt: 30-08-2022, due on dated: 13/09/2022 should be superscripted on sealed envelope.


Sr. Procurement-cum-Stores Officer

Enclosure:

1. Proprietary Article Certificate from Indenting Officer of Department of Microbiology, AIIMS, Bhubaneswar.

Annexure-I

2. PAC from OEM. **Annexure-II**

3. Latest Price Quotation - **Annexure III**

Copy to: -

1. Indenting Officer, Microbiology
2. Accounts Officer
3. IT Cell

- : for information please
- : for information please
- : for hoisting in the website.


Sr. Procurement-cum-Stores Officer

Proprietary Article Certificate

Valid for the Current Financial Year

File No. and Date Reference :			
1.	Description of article	Thermofisher -86 Deep Freezer Model TSX60086V	
2.	Forecast of quantity /annual requirement	NA	
3.	Approximate estimated value for above quantity	15,00,000	
4.	Maker's name and address	Thermofisher	
5.	Name(s) of authorized dealers/ stockists	M/S Bioapps	
6.	I approve the above purchase on PAC basis and certify that :- Note- Tick to retain only one out of (b), C-1) or (c-2) whichever is applicable and cross out others. Please do confirm (a) by ticking it - without which PAC certificate will be invalid.		
6 (a)	This is the only firm who is manufacturing / stocking this item. AND	☒	
6 (b)	A Similar article is not manufactured or sold by any other firm, which could be used in lieu OR	☐	
6 (c-1)	No other make/brand will be suitable for following tangible reasons ((like OEM/ Warranty, spares.) : Patented Equipment	☒	
6 (c)	No other make/brand will be suitable for following intangible reasons (if PAC was also given in the last procurement cycle, please also bring out efforts made since then to locate more sources) : OR	NA	
7.	Reference of concurrence of finance wing to the proposal :	Rs. 21,30,998/- available for said procurement under equipment Tg 21/10/2020	
History of PAC Purchase of this item for past three years may be given below : NA			
Name of the Supplier			
Order/ Tender Reference & Date	Quantity Ordered	Basic Rate on Order (Rs.)	Adverse Performance Reported if Any
NA	NA	NA	NA

Signature of the Issuing Officer

Signature of Approving Authority

Date _____ Designation of Officer _____

Dr. Ashutosh Biswas
कार्यकारी निदेशक/Executive Director
बम्ब, भुवनेश्वर
AIIHS, Bhubaneswar-751010

Certificate of Proprietary Manufacture

Thermo Fisher Scientific (Asheville) LLC, Asheville is the sole manufacturer of Thermo Scientific Forma Ultra-Low Freezer (TSX60086V).

This is to certify that Thermo Scientific Brand Vertical type -86 deg C Deep Freezer (Control Range: -86°C to -50°C), model TSX60086V is an article of proprietary nature

Some of the features which are unique and proprietary are: -

- The freezer must be constructed using 1" thick vacuum panel insulation in conjunction with unique environmentally-friendly water blown foam (100% SNAP and EU-F Gas Compliant)
- Door gasket must provide 7 independent insulation zones along with 4 points of contact to ensure sample security.
- Unique Door latch allows one-handed opening and closing. Handle must include door key lock as well as padlock provision for added security.
- Fully automatic heated pressure equalization port which allows for rapid re-entry to cabinet.
- Adaptive Control: Using our unique V-Drive technology the TSX freezer adapts to how you use your freezer whether it is for long term storage or accessing samples each day.
- V-Drive: Our V-Drive technology uses a variable speed compressor to quickly adapt to the freezer requirements. If the door is opened, the V-drive ramps to high speed to compensate for the rise in temperature. Once the freezer reaches the set point temperature, the V-drive ramps down to a low speed to maintain a constant temperature throughout the freezer. Our V-drive technology is designed to allow for improved peak variation, better DOR, and lower energy consumption.
- Full Adjustable and controllable heater for reducing frosting as per customer's choice.
- Optional undercarriage light bar to **Enhanced visual alert & alarm indications for at-glance monitoring (light bar)**
- *Freezer shall hold 600, 2" boxes or 60000, 2ml Vials with a vial to footprint ratio of 7090 2m vials per square feet of floor space*
- Should accommodate equal or more than 700 plasma boxes*/Plasma Bags and having 816 Litres net usable space.
- Unit shall allow for up to 150 users with 3 level of password security. Freezer shall allow for set-point security control that blocks specific users from changing freezer set point or alarms through the use of a user name and password control.
- Data must be available from the display for a minimum of 7 days. Data must also be downloadable via a USB port.
- Unique Power management system shall show incoming line voltage, indicate low or high line voltage, and provide voltage correction of up to +/- 10% of rating. Line voltages (both incoming uncompensated line voltage and compensated voltage should be viewed and logged for a period of up to 15 years and be downloadable via a USB port.
- Unique internal memory with minimum for storage capacity of minimum 28.9 yrs. for all



- Freezer shall have unique adjustable power recovery time delay that allows user to set a time delay between 1 second and 20 minutes after power failure. This is extremely beneficial to save equipments from peak surge current affect after power failure recovery.
- Freezer shall have a screen auto-off selection that allows the screen to darken between the hours of 9pm and 6am.
- Freezer shall display and log temperature of evaporator inlet, evaporator outlet, heat exchanger, first stage suction, second state suction, second stage sump, liquid line and condenser air inlet. This display shall present in a graphical to allow for diagnostic troubleshooting.
- Freezer shall have a screen auto-off selection that allows the screen to darken between the hours of 9pm and 6am.
- Freezer must recognize if line voltage and frequency does not match freezer specification and alert user.
- Freezer must work on line voltage of 208-230V/ 50Hz and have an instrument current rating of no more than 4 Amps.
- Should have inbuilt paperless continuous chart recording facility. Chart records should be downloaded in USB in PDF format for printing.
- Optional Inbuilt Cloud technology enable you to access the freezer data anytime from anywhere with high secured password protection.
- Come with inbuilt WIFI connectivity for remote connection, View and logs from anywhere.

UNIQUE THERMAL PERFORMANCE

- Empty freezer of 700 2" box capacity shall recover from door opening to -75°C set point in under 28 minutes. Supplier must provide test data verify freezer performance.

2" Box Capacity	Door Opening Recovery [min]
600	24

- Should take zero (0) minutes to recover the temperature to -75°C on 15 second door opening events. (Door Opening Recovery to -75C from (15 sec only 1 inner door open should be Zero Minutes time(NO time)
- **Whisper Quiet:** Performing at a noise level as low as 45.5 dBA allows customers to work beside the freezer without noise
- **Manufactured in unique Zero Waste to Landfill Manufacturing Facility:** Our Ashville, North Carolina USA manufacturing facility is an award winning*, zero waste to landfill factory. 93% of all waste is recycled and the remaining 7% is incinerated and used in the manufacturing of cement. This facility won the 2013 Industry Week Best Plant Award. *
- Freezer must come with a 5-year standard warranty.
- Freezer must come with a 12-year total V-Drive compressor parts warranty.



No other company is manufacturing similar product with similar specifications to the best of our knowledge. Some of the features are unique & are proprietary to ThermoFisher Scientific.



Boris Cheng
Commercial Manager APAC
ThermoFisher Scientific



Debjyoti Ghosh
Sr. Product Manager-Cold Storage
ThermoFisher Scientific India Pvt. Ltd.





The best way to find yourself is to lose yourself in the service of others.

QUOTATION

No: BIOAPPS/AIHMSBBSR/-86/03/22

Date: 28.06.2022

To

AIHMS BHUBANESWAR
Sijua, Patrapada,
Bhubaneswar, Odisha
751019

Validity: 60 Days

Name of the Item: -86 degree freezer

Sl. No.	MAKE	DESCRIPTION	Qty.	Price (INR)
1	THERMO FISHER	<u>Ultra Low Temperature deep freeze – 86 Deg C :</u> Product Line TSX Series Description TSX Series Ultra-Low Freezers, 600-Box Capacity, 230V, 50Hz Temperature Range -50°C to -86°C Certifications/Compliance CE, ENERGY STAR Capacity (English) 28.8 cu. ft. Capacity (Metric) 816 L Vial Capacity 60,000 x 2 mL	1	1428571.00

BIOAPPS, 181 Bangur Avenue, Block – C, Kolkata – 700055
E-MAIL: bioapps@hotmail.com, (M) +91 9830532745

Handwritten signature
11/7/22



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Electrical Requirements	230 V 50 Hz
Voltage	230 V
Frequency	50 Hz
Amperage	4/10 A
Plug Type	European
Dimensions (D x W x H) Interior	28.3 x 34.4 x 51.2 in. (71.9 x 87.3 x 130.1 cm)
Weight (English)	679 lb.
Weight (Metric)	308 kg
Shipping Weight (English)	765 lb.
Shipping Weight (Metric)	347 kg
Display	Touch-Screen LCD
Refrigerant	R290 (1st stage), R170 + R290 mix (2nd stage)
Capacity (English) Shelf	245 lb.

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Signature
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		Capacity (Metric) Shelf	111 kg		
		Smart View Compatibility	Smart-Vue Compatible		
		Depth (English) Interior	28.3 in.		
		Depth (Metric) Interior	71.9 cm		
		Height (English) Exterior	78 in.		
		Height (English) Interior	51.2 in.		
		Height (Metric) Exterior	198.1 cm		
		Height (Metric) Interior	130.1 cm		
		Width (English) Interior	34.4 in.		
		Width (Metric) Interior	87.3 cm		
		Defrost	Manual		
		Width (English) Exterior	39.6 in.		
		Width (Metric) Exterior	100.6 cm		

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		Connectivity	Thermo Scientific™ DeviceLink™ (Networks: WPA2-PSK, WPA-PSK, WEP, WPA2-EAP-PEAP, WPA- EAP-PEAP)		
		Dimensions (DxWxH) Exterior	37.6 x 39.6 x 78 in. (95.5 x 100.6 x 198.1 cm)		
		Depth (English) Exterior	37.6 in.		
		Type	Ultra-Low Freezer, Upright		
		Depth (Metric) Exterior	95.5 cm		
		Green Features	Energy efficient		
		Holds	2 (n. Boxes (600)		
		Compressor	V-Drive Compressor		
		Insulation	Vacuum Insulation Panels (VIP) + Water-Blown Polyurethane Foam (SNAP-compliant)		
		Material	Polyurethane Foam (Insulation), Stainless Steel (Interior)		
		Monitoring Options	Alarm, Recorder		
		Rack Capacity	24		

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19/12/22



The best way to find yourself is to lose yourself in the service of others.

	Shelves	3		
	Style	Upright		
Compatible STABILIZER- QTY.1				INCLUDED
Total Price :				1428571.00
Additional Tax GST@5% against DSIR & GST CERTIFICATE				71,428.55
Final F.O.R Price:				1499999.55
ROUNDED OFF				1500000.00
Amount in Word: rupees FIFTEEN Lac Only.				

Note: Manufacturer reserves the right to change the Part Number and/or Delivery Schedule without prior notice

Terms and Condition:

- 1. Payment Terms:** 100% full payment after delivery.
- 2. GST @5%** against DSIR & GST Exemption, otherwise Tax will be charged @18%.
- 3. Order shall be placed in favour of:**
BIOAPPS
181, Bangur Avenue, Block-C
Kolkata: 700055
- 4. Bank Details:**
Name of the Bank: HDFC BANK
Dum Dum Road
A/C No. 50200004311171
IFSC CODE for RTGS: HDFC0001929
- 5. PAN Number:** AAMFB8169K
- 6. GST Number:** 19AAMFB8169K1ZP
- 7. Delivery period:** Within 6-8 weeks from date of received of Purchased Order along with advance payment.
- 8. Warranty:** Standard 5 years from the date of Installation as per OEM norms for main Freezer only. No consumables will be under warranty.
- 9. Validity:** 60 days

Thanking you and looking forward to receive your valued order at the earliest



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by
11/11/22