



**INDIAN INSTITUTE OF SCIENCE EDUCATION AND
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GST No.32AAAJI0299R1ZS

Date: 30 Jan 2024

CORRIGENDUM-I TO TENDER NO

No: IISER/PUR/1396/VJ/SB/23-24

Sub: Supply and Installation of (-) 80 Degree C Deep Freezer: reg
Ref: Tender Enquiry No. 2023_IISRT_786930_1

1. The above mentioned tender is hereby re-tendered with revised technical specifications at Annexure 1 .
2. The due dates will be as follows:-

Due Date 13.02. 2024 1500 Hrs
Date of opening 14.02. 2024 1530 Hrs
3. All other Terms and Conditions remain the same. Bidders may quote accordingly

Thanking You,

Yours Faithfully

Deputy Registrar (P&S)

Annexure 1

TECHNICAL SPECIFICATIONS FOR – 80 °C DEEP FREEZER (REVISED)

1. Capacity : 670 L - 700L
2. Temperature Range : -50°C to -86°C
3. Display : VIC Capacitive Touch Screen Input and Display with USB Data Retrieval
4. Vial Capacity : 50,000 x 2 mL
5. External dimensions : The freezer should have the following exterior dimensions- Width below 115 cm, Depth below 100 cm and Height below 200 cm
6. The freezer must be constructed using 1" thick vacuum panel insulation in conjunction with environmentally friendly water blown foam
7. Energy Consumption should be less than 10KWhour/Day
8. 1-min Door Opening Recovery to -75°C (min): Less than 28 Minutes
9. Door gasket must provide 7 independent insulation zones along with 4 points of contact to ensure sample security.
10. Compressor should be based on Inverter Technology with Variable speed compressor to provide maximum temperature uniformity and minimal Energy Consumption
11. To reduce condensation, the perimeter heater shall be on the door side not on the cabinet size to limit heat introduction into the sample storage area.
12. Door latch allows one-handed opening and closing. Handle must include door key lock as well as padlock provision for added security.
13. Freezer shall have 4 or 5 internal storage compartments with a minimum of 2 polystyrene insulated inner doors to ensure sample security. Inner doors should have no latches or external magnets and must be removable for easy cleaning without the use of tools.
14. Freezer shall have an automatic heated pressure equalization port which allows for rapid re-entry to cabinet.
15. Freezer door must open at least 180 degrees for easy sample access.
16. Inbuilt Cloud technology enable you to access the freezer data anytime from anywhere with high secured password protection.
17. Freezer shall have an on-board data logger that allows for a minimum of 4GB of data storage and must be available from the display for a minimum of 7 days. Data must also be downloadable via a USB port.
18. Freezer shall log all power interruptions and provide audio and visual notifications and Freezer shall notify customer to perform preventative maintenance tasks including filter change and backup battery test.
19. Freezer shall record events in an event log viewable on the freezer display. This log shall include the event type, date and time. Event log data shall be downloadable via a USB port and viewable in standard programs such as MS Excel.
20. Display language shall be selectable between English, Spanish, Italian, German and French.
21. Freezer shall use only natural, commercially available refrigerants (Hydrocarbon) with no special blends required.
22. Freezer must be built to and contain the registration mark for UL, cUL, and CE standards for safety and performance.
23. List of Institutes of national importance where – 80 deg Freezer has been supplied should be provided. Attach the copy of atleast 10 purchase orders within last two years.
24. Freezer must come with a 5-year standard warranty and 10 Years on Compressor Warranty
25. Should supply suitable 5KVA Servo stabilizer along with the equipment.
26. Should have a company authorized service provider in Kerala.
27. Brochure, and technical data sheet supporting all the required specification mentioned above should be provided.
28. Compliance sheet for all specification should be attached. Where ever relevant, the appropriate section/page number of technical brochure/manual should be cited. Should attach the document to support the claim.

