



KERALA UNIVERSITY OF FISHERIES & OCEAN STUDIES
കേരള ഫിഷറീസ്-സമുദ്രപഠന സർവ്വകലാശാല

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No. GA7/10520/2022
 12.2022

Panangad, Dated .

e- TENDER NOTICE

E- tenders are invited for the “ Supply of Freeze Dryer for Faculty of Fisheries Engineering (INo)” with specification as per attached documents.

The Tender should be submitted as e- tender in the e- procurement portal of Kerala Government with detailed specification, Tender fee of Rs.1,000/- and EMD of Rs.5,000/-, by means of e- Payment. The GST amount of the tender fee @18% should be remitted to the GST department directly by the bidder. More details will be available in the Office of Dean of Faculty of Fisheries Engineering, KUFOS Panangad, on all working days with the permission of undersigned. As per DSIR registration, necessary exemption can be availed for customs & excise duties for the purchase. Our GST Regn. No. is: 32AAAGK0031Q1ZL.

All the terms and conditions applicable to University/Government quotations/Tenders are applicable to this Tender also. Right to accept the Tender in full or in part or to reject without assigning any reason is reserved to the undersigned.

REGISTRAR

To : Firms/ Programmer to publish on the website
 Copy to: Dean FFE

Specifications of Freeze Dryer

- Condenser temperature should be -50⁰ C
- Tray dimension 200mm dia x 4 layers
- Should have SECOP compressor, the refrigeration process is rapid and the condenser temperature is low
- Should have LCD touch display which can display drying curve, vacuum, condenser trap, run time, ambient temperature.
- The control system automatically stores data, and data can be viewed in form of curves. Whole Freeze drying process is clear.
- Condenser, trays, drying shelf and pre freezing shelf are made of Stainless steel 304 ant-corrosion and easy to clean, shelf height adjustable.
- Should have transparent acrylic drying chamber is safe and easy observation.
- Should have condenser has pre-freezing function.
- Low noise compressor, good efficiency, long service life
- Drying Chamber with organic glass is safe and visible.





- Small volume, easy and convenient operation.
- USB port to output freeze drying data.
- Freeze drying area : 0.12m².
- Condenser capacity : 3-5kg.
- Vacuum Degree : < 10 Pa
- Bulk Capacity : 1.2 L, 10mm thickness
- Dimension should be (L X W X H mm) : 460 X 625 X (370 + 465)
- Vacuum pump should be included along with the Unit
- The vacuum pump is connected with host by international standard KF quick joint.
- Performance of machine is stable, easy to operate and low noise.
- -Nitrogen valve is optional and should have provision for up gradation.
- -Communication interface is optional and should have provision for up gradation.
- Power supply: AC 220V \pm 10%, 50/60 Hz.
- Power should be less than 1000W

- **Warranty : Three Years from the date of installation.**
- **Bidder must not bid/supply any of the product that has been declared end of life and an undertaking supporting the same shall be mentioned in Manufacturing Authorization Form (MAF).**