



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

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No. GA7/10534/2022 (i)
 Dated .12.2022

Panangad,

e- TENDER NOTICE

E- tenders are invited for the “ Supply of Rotary Vacuum Flash Evaporator for the Central Instrumentation Facility (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.1,250/- and EMD of Rs.6,250/-, 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 Dr. Devika Pillai, Director of Research & In-charge of Central Instrumentation Facility, 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: 32AAAGK0031QIZL.

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: Dr. Devika Pillai, Director of Research & In-charge of Central Instrumentation Facility

Specifications of Rotary Vacuum Flash Evaporator

Rotary evaporator

- Cooling surface area : 1500cm²
- Motor principle : DC
- Rotation Speed range : 5 - 300 rpm
- Speed tolerance set rotation speed < 100rpm : 1 ± rpm
- Speed tolerance set rotation speed < 100rpm : 1 ± %
- Stroke : 120mm
- Lift : Manual
- Water bath temperature range : Room temperature to 180⁰ C
- Heat output : 1400 W
- Set temperature resolution : 1 ± K
- Permissible ambient temperature : 5 - 40⁰C





- Permissible relative humidity : 80%
- Voltage : 100 -240 V
- Frequency : 50/60 Hz
- Power input : 1500 W
- DC Voltage : 24V
- Digital Displays : Rotation speed , heating bath temperature

and vacuum

Vacuum pump

- Vacuum : 5mbar

Chilled water circulation

- Cooling Capacity : 750W
- Temperature range : -10⁰ C to 40⁰ C.
- Circulation pump capacity : 12-15 L/min
- Type of cooling : Vertical
- Coolant reservoir capacity : 3-4 L
- Temperature display : Digital/LCD/LED

- **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).**