



KERALA UNIVERSITY OF FISHERIES AND OCEAN STUDIES

കേരള ഫിഷറീസ്-സമുദ്രപഠന സർവ്വകലാശാല

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No.GA7/8459/2026 (ii)

Panangad, Dated: 17/09/2026

e- TENDER NOTICE

E- tenders are invited for the supply of "Cooling Incubator for cell culture for the ANRF project of Dr. Rahul Krishnan, Asst. Professor, FFS" 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.1156/- and EMD of Rs.1500/-, by means of e- Payment. More details will be available in the Office of Dr. Rahul Krishnan, Asst. Professor, Faculty of Fisheries Science, KUFOS, 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. The University is eligible for relaxation in GST as per Notification No.45/2017 Central Tax (Rate) dated 14.11.17 & Notification No.47/2017 Integrated Tax (Rate) dated 14.11.17. 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.


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To: Firms

Copy to: Dr. Rahul Krishnan, Asst. Professor, KUFOS

Specification - Cooling incubator for cell culture

1. The instrument should be energy-efficient cooling incubator that utilizes solid-state Peltier technology for precise heating and cooling applications.
2. The equipment shall have a capacity of approximately 100 liters and utilize a solid-state thermoelectric Peltier module featuring a CFC-free, compressor-less design for silent and vibration-free operation.

3. The incubator should operate within a temperature range of 0~65°C,
4. The unit must achieve a temperature accuracy of $\pm 0.2^{\circ}\text{C}$ and a temperature uniformity of $\pm 0.5^{\circ}\text{C}$ (@37°C & 25°C)
5. Temperature regulation shall be managed by a high-precision Pt100 sensor linked to a microprocessor-based PID controller equipped with a digital touchscreen interface.
6. The inner chamber must be constructed from corrosion-resistant SS304 stainless steel with a mirror finish and rounded corners, inner glass door, supplied with a minimum of two adjustable, heavy-duty stainless steel wire shelves.
7. A built-in access port measuring approximately 25 millimeters must be provided for external monitoring cables or sensors, complemented by an integrated USB interface for data export and logging.
8. The system must feature over-temperature protection with visual and acoustic alarms, an auto-recovery function following power failure, and operate on an electrical supply of AC 220 volts at 50 Hertz.
9. The incubator shall offer low-noise architecture suitable for continuous indoor laboratory deployment and include multi-level security access authorization for administrators, and operators.
10. The unit must be certified to international quality and safety standards such as CE and ISO.
11. The supplier shall provide installation, commissioning, operational training, and application support at the time of installation.
12. Minimum one years comprehensive onsite warranty covering parts, labour, and service shall be provided from the date of successful installation.



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