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KUFOS HQRS, Panangad, Ernakulam



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

**PANANGAD P.O., KOCHI 682 506, KERALA, INDIA**  
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No.GA7/1068/2023  
03.2023

Panangad, Dated: .

**TENDER NOTICE**

Competitive Tenders are invited for the “Supply and Installation of Automated Nitrogen Evaporation System to PMMSY Aquatic Referral Lab for Quality Testing and Disease Diagnosis, KUFOS, Panangad” with requirements/ specifications as attached herewith:

Last date & time for receipt of tender	15.03.2023	03.00pm
Date & time of opening of tender	15.03.2023	03.30pm

The envelope containing the Tender should bear the superscription “Supply and Installation of Automated Nitrogen Evaporation System to PMMSY Aquatic Referral Lab for Quality Testing and Disease Diagnosis, KUFOS, Panangad, GA7/1068/2023” and should be sent to ‘The Registrar, Kerala University of Fisheries and Ocean Studies, Panangad, Kochi - 682506, Ernakulam District’.

Intending firms/individuals can submit their tenders in the tender form downloaded from the official site of KUFOS with detailed specification. The tender cost @ 0.2% of the quoted amount( Subject to a minimum of Rs.400/-) + 12% GST of the tender cost and EMD @ 1% of the quoted amount (subject to a minimum of Rs.1500/-) shall be transferred by means of E- payment to the SB account No.67149674791 with State Bank of India, Vyttila branch (IFS Code: SBIN0070517), favouring 'the Finance Officer, KUFOS', and documents in proof of the money transfer shall be attached along with the offer.

More details will be available in the Office of Dr. Devika Pillai, Director of Research on all working days with the permission of undersigned. Our GST Regn. No. is: 32AAAGK0031Q1ZL. The rate quoted should be firm and inclusive of all taxes. Period of firmness during which the rates would be firm is 30 days from the date of work orders.

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

**REGISTRAR**

To : Firms/ Programmer to publish on the website  
Copy to: Dean FFS/ Dr. Devika Pillai, PI , PMMSY Project through Dean FFS

**Specification of Automated Nitrogen Evaporation System**



- System must be having fully microprocessor controlled and water bath, Temperature, gas station
- High temperature Thermal cutoff for safety.
- Sample Capacity should be 25 samples or More
- System must be having Microprocessor-controlled vortex motion increases surface area for faster evaporation.
- LCD display
- Evaporator system must be EI approved for Fisheries Industries.
- Certifications: CE & ISO 9001: 2015 certified
- Built-in nitrogen regulator LED displays for better visibility, if used under fume hood.
- System must be having 5 Nitrogen Individually Control valves with ON/OFF Switches.
- Pressure gauge and Pneumatic Fitting must be a branded make. (Pressure gauge and Pneumatic Fitting make should be furnished in offer).
- Auto cut off with precision sensor for Time, temperature & gas flow.
- Snap fitting 8mm OD Flexible Polyethylene Tubing for nitrogen supply.
- Warranty must be 2 Years or more.
- System must be having automated Solvent Drying, Solvent Evaporation and Sample Concentration features.
- System must be having Audible/visual alarm for end point detected by temperature sensors at heater and block, automatic shut down for timed end point.
- All mechanical components must be isolated from the chemical fumes and vapors for longer life.
- Time Range: 15 sec to 10 hours.
- Temperature range: Ambient to 100 °C
- Gas regulator range: Approximate 0 to 100 PSI.
- Pressure gauge range : 0 to 100 PSI
- Vendor must be provided specific manufacturer authorization Certificate.
- Vendor must be having service facility in India; Service centre address with contact number should be furnished.