



KERALA UNIVERSITY OF FISHERIES & OCEAN STUDIES
കേരള ഫിഷറീസ്-സമുദ്രപഠന സർവ്വകലാശാല
PANANGAD P.O., KOCHI 682 506, KERALA, INDIA
FACULTY OF FISHERIES SCIENCE

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No. KUFOS/DN3/1976/2022

Dated: 02.02.2023

TENDER NOTICE

Sealed Competitive Tenders are invited for the “Supply of Digital Auto Clave for the Department of Aquatic Environment Management, KUFOS, Panangad” as per the specifications given below:

Sl. No.	Equipment	Specification	Quantity
1.	Auto Clave	<ul style="list-style-type: none">• Capacity 35 Ltr minimum• With double wall construction and inner SS 304 outer epoxy coated steel and carriers corrosion resistant Stainless Steel grade 304 Sheets to be argon welded ground and polished and to be of service free internal• Lid, flanges ,fly screw, crosspin ,heater cover stand S.S. 304outlet valve for cleaning• Operating temperature $121\pm 3^{\circ}\text{C}$• Temperature accuracy $\pm 0.5^{\circ}\text{C}$ at 120°C• With temperature calibration function, high temperature and pressure resistant silicon gasket• Should be electrically peripheral heater for uniform heating and energy saving by means of I.S.I. quality or better immersion heaters with working pressure 15 PSI.• Hydraulically die pressed lid from S.S. Plate with single lever locking mechanism for easy, ergonomic and quick opening and closure of autoclave• Should have built in analog pressure gauge with 0-30 psi for indicating actual pressure with one Manual exhaust valve and two Nos. European CE mark and certified safety	1 Nos.

		<p>Valve with quick release coupling or better and handle with heater cover stand</p> <ul style="list-style-type: none"> • PID Controller must have temperature cum timer display and 0.1o resolution with Auto Purging & Exhaust (Solenoid Valve) • With automatic Water level indicator and independent safety for over temperature • With backlit LCD display for all information including process and set value • With safety features during its function such as safety warning alarm for over temperature, over pressure cut off, MCB for over current off, low water level heater cut off • With end of cycle buzzer • With wire mesh carriers made of SS 304 with minimum two or more loading levels • Maximum Power consumption 3 KW • Provide ISO 13485 certificate, CE certificate for autoclave and manufacturer should provide BIS license • Should be compliant with IEC 61010-1, IEC 61010-2-40 and Chamber design tested as per ASME guide line for safety • Hard copy of instrument manual, certifications with specification details to be submitted • Warranty 1 years for the entire unit 	
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Last date & time for receipt of tender	15.02.2023	3.00 pm
Date & time of opening of tender	15.02.2023	3.30 pm

The envelope containing the Tender should bear the superscription “**Tender for the supply of Digital Auto Clave for the Department of Aquatic Environment Management, KUFOS, Panangad: KUFOS/DN3/1976/2022**” and should be addressed to the Dean, Faculty of Fisheries Science, Kerala University of Fisheries and Ocean Studies, Panangad, Kochi – 682 506, 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) and EMD @ 1% (subject to a minimum of Rs.1500/-) of the quoted amount 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. Ranjeet K, Professor & HoD, Dept. of AEM, KUFOS on all working days with the permission of undersigned.

The rate quoted should be firm and inclusive of all taxes. Period of firmness during which the rates would be firm is 60 days from the date of supply orders.

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

**Sd/-
Dean**

To: Firms, KUFOS website

Copy to: Dr. Ranjeet K, Professor & HoD, Dept. of AEM

//Forwarded by Order//



Section Officer