



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

**PANANGAD P.O., KOCHI 682 506, KERALA, INDIA**  
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No.GA7/6059/2020	Panangad, Dated: . 12.2020

**TENDER NOTICE**

Competitive Tenders are invited for the “Supply and Installation of Ultrapure Water Purification system for Soil and Water Analysis Lab, KUFOS, Panangad” with requirements/ specifications as attached herewith:

Last date & time for receipt of tender	28/12/2020	03.00 PM
Date & time of opening of tender	28/12/2020	03.00 PM

The envelope containing the Tender should bear the superscription “Supply and Installation of Ultrapure Water Purification system for Soil and Water Analysis Lab, KUFOS, Panangad: GA7/6059/2020” and should be sent to the Registrar, 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 +12%GST and EMD @ 1% 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. Anu Gopinqth, Asst. Professor 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. Our GST Regn. No. is: 32AAAGK003IQIZL.

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 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,  
Panangad P.O. 682 506, Kochi, Kerala, India. Phone : 91 484 2700964; Fax : 91 484 2700337

Email :- [utypanangad@kufos.ac.in](mailto:utypanangad@kufos.ac.in)



**Specifications- Ultrapure Water Purification system**

1. Water purification System should be capable of producing 18.2 Megaohm resistivity with pretreatment cartridge, Reverse Osmosis and mixed bed ion exchange resins and activated carbon in a single pack, with feed water acceptance of upto 2000micro Siemens conductivity, Fouling Index (SDI) < 12, Total Chlorine < 1 ppm.
2. All in one pack which contains a combination of technologies to produce ultrapure water from Tap water directly.
3. The 1st stage of the RO DI cartridge contains pretreatment for reverseosmosis followed by RO membrane.
4. The 2nd stage contains mixed bed ion exchange resin and organex for removal of organic contaminants.
5. It should have only cartridge in the system. If the system comes with more than one cartridge then that cartridge should quote mandatorily 12 numbers ( including RO) along the main quote.
6. Kerala Customer details should furnish
7. Type 3 water flow rate should be 3 Litre/Hour
8. Tap for dispensing RO water from the inbuild tank.
9. UV should include in the system.

<b>Product Water Specifications</b>	
Resitivity	: 18.2 Meg Ohm.cm (@ 25 degree C )
Conductivity	: < 0.055uS/cm
TOC	:<5 ppb
Bacteria	:<0.1 cfu/mL
Pyrogen	: <0.001Eu/mL
RNase	: <0.01 ng /mL
Flow Rate	: 0.5 L /min
Particulates > 0.22u	: <1 P/mL