



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

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No. KUFOS/DN3/0762/2020

Dated: 24.02.2021

TENDER NOTICE

Sealed Competitive Tenders are invited for the “Supply of Micro-volume Fluorometer for the Department of Aquaculture, KUFOS, Panangad” as per the specifications given below:

Equipment	Specifications	Quantity
Micro- volume Fluorometer	<p>Fast and highly accurate quantitation of DNA, RNA, and protein in less than three seconds per sample.</p> <p>Should be an ideal system for measuring accurate concentrations of nucleic acids for downstream application viz. qRT-PCR, microarray, NGS.</p> <p>High levels of accuracy using only 1–20 μL of sample, even with very dilute samples .</p> <p>Stores results from up to 1000 samples.</p> <p>Graphical display indicates when samples are in the extended range or out of range.</p> <p>Small footprint saves space.</p> <p>Flexibility to export data to using the included WiFi dongle, a USB drive, or directly to computer via a USB cable.</p> <p>Ability to personalize fluorometer with the assays and add new assays, or even create own assays.</p> <p>Language of your choice including English, French, Spanish, Italian, German, simplified Chinese, and Japanes.</p> <p>Pre-saved programs for quantification of dsDNA, oligonucleotides, RNA, microRNA, RNA integrity & quality (intact vs degraded RNA), protein etc.</p>	1 number

	<p>System should have limit of detection for dsDNA 0.5 ng/mL to 5 µg/mL.</p> <p>System should have a reagent calculator that quickly generates working solution calculations.</p> <p>Light Sources - Blue LED (470 nm) and Red LED (635 nm) along with suitable excitation and emission filter sets.</p> <p>Detectors - Photodiodes with a measurement capability of 300-1000 nm.</p> <p>Dynamic range should be 5 orders of magnitude.</p> <p>Measurement time should be 5 sec/per sample.</p> <p>Should include the assay tubes and kits for quantitative analysis of dsDNA, RNA, RNA-Integrity and Quality (RNA IQ), Protein.</p> <p>Should include USB drive to export data from the system.</p> <p>Should be stand-alone system with intuitive touch screen color display for operation.</p> <p>Should be provided with one year warranty from the date of installation.</p>	
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Last date & time for receipt of tender	04/03/2021	3.00 pm
Date & time of opening of tender	04/03/2021	3.30 pm

The envelope containing the Tender should bear the superscription “**Tender for the supply of Micro-volume Fluorometer for the Department of Aquaculture, KUFOS, Panangad:KUFOS/DN3/0762/2020**” and should be addressed to the Dean, Faculty of Fisheries, 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.Rejish Kumar .V.J, Assistant Professor ,Dept. of Aquaculture, 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 14.11.2017.Our GST Reg 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 60 days from the date of work 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 Fisheries

To: Firms, KUFOS website

Copy to: Dr.Rejish Kumar .V.J, Assistant Professor, Dept. of Aquaculture through
HoD

//Approved for Issue//



Assistant Registrar