

KERALA UNIVERSITY OF FISHERIES AND OCEAN STUDIES



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KUFOS HQRS, Panangad, Ernakulam

GA7/2152/17	04/2018	Panangad, Dated : /

TENDER NOTICE

Sealed Competitive limited tenders invited for the supply of **Microplate Reader** for Plan Project “Centre for Bio Active Substances from Marine Organisms”
The particulars / specifications Given below:

Last date & time for receipt of tender	10.05.2018	11.00 a.m.
Date & time of opening of tender	10.05.2018	11.30 a.m.

The envelope containing the Tender should bear the superscription “**Tender for the supply of of Microplate Reader for the Plan Project “Centre for Bio Active Substances from Marine Organisms.: GA7/2152/2017”** 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, tender cost of Rs.400/- and EMD for Rs.2000/- by means of Demand Draft drawn in favour of the Finance Officer, KUFOS, Panangad, Kochi payable at State Bank of Travancore, Vyttila along with the offer. More details can be available in the office of Dr.Anu Gopinath Asst. Prof. (9446838319) on all working days with the permission of undersigned. The University is eligible for relaxation on GST for all scientific Equipments to 5%.

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 the same without assigning any reason is reserved with the undersigned.

REGISTRAR

To
Firms
Copy to: NB/Computer Programmer/Dr. Anu Gopinath Asst. prof./Spare

Specifications of Equipment’s to be purchased for the Centre for Bioactive Substances from Marine Organisms (103-30-1125)

Specification for Microplate Reader

Wavelength	: 400–750 nm
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range	
Photometric range	: 0.0–3.5 OD
Linearity	: ≤1.0% from 0.0–2.0 OD; ≤2.0% from 0.0 –3.0 OD
Accuracy	: ±1.0% or 0.010 from 0.000–3.000 OD at 490 nm
Precision	: 1.0% or 0.005 OD from 0.0–2.0 OD; 1.5% from 2.0–3.0 OD
Resolution	: 0.001 OD
Filter wheel capacity	: 8
Plate shaking	: 3 speeds: low, mid, high; duration: 0 – 999 sec
Read time	: 6 sec at single wavelength, 10 sec at dual wavelengths
Data output	: Onboard graphical thermal printer and USB2 interface with PC or Mac data stations
Data storage	: Calendar/clock function; 64 assay protocols
Other Features	: <ul style="list-style-type: none"> • Flexible configurations with ability to read flat-, U-, or V-bottom microplates or 8- or 12-well strip plates. • Automatic calibration before each reading. • Variable-speed plate-shaking capability. • Easy-access 8-position filter wheel with 6 standard filters [415, 450,490,595,655 and 750 nm]. • Should have integrated Thermal Printer. • USB2 port for external computer control (with software and suitable PC). • Data and protocol presentation on LCD display. • Onboard data storage of protocols, standard curves, and graphs. • Self-diagnostic capabilities to detect lamp burnout at startup. • Motorized door for plate loading. • Standard UPS • Dust cover
Required Filters	: 415, 450, 490, 570, 595, 630, 655 and 750 nm