

KERALA UNIVERSITY OF FISHERIES AND OCEAN STUDIES

DRI/503/2023(i)

Panangad, Dated: 14.03.2023

TENDER NOTICE

Competitive Tenders are invited for the “**Trinocular Research Laboratory Microscope with C mount adapter**” in Centre of Excellence for Indigenous Fish Production and Aquatic Animal Health Management (CIFPAAH), KUFOS, Panangad” with requirements/ specifications as attached herewith:

Last date & time for receipt of tender	22.03.2023	03.00pm
Date & time of opening of tender	22.03.2023	03.30pm

The envelope containing the Tender should bear the superscription “**Tender for Trinocular Research Laboratory Microscope with C mount adapter** in Centre of Excellence for Indigenous Fish Production and Aquatic Animal Health Management (CIFPAAH), KUFOS, Panangad” and should be sent to the Director of Research, 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 of Tender cost and EMD @ 1% of the quoted amount (subject to a minimum of Rs.1,500/-) 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. Anvar Ali P H, Assistant Professor, CIFPAAH 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. 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 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.


DIRECTOR OF RESEARCH

To,
Firms

Copy to: DoR/ Dr. Anvar Ali P H, Assistant Professor, CIFPAAH /SF

TRINOCULAR RESEARCH LABORATORY MICROSCOPE
WITH C-MOUNT ADAPTER

Specifications:

Optical system	Plan infinity stain free optics with Anti-fungus treatment, uniformly centered, interchangeable & Par focal		
Body	Aluminium die-cast body with all critical movements based on ball bearing & wire guides thereby ensuring smooth & precise manipulation		
Inclined observation Head	Trinocular (30 degree inclined Seidentoph Butterfly Head), 360 degree rotatable in the IPD of Eyepiece for viewing in different height in the angle of vision		
Eyepiece wide filed	Paired WH 10X (FN 22mm) Eyepiece. One fixed type eyepiece & one with diopter eyepiece. Compatible with optionally available eyepiece micrometre		
Nose piece	Dust protective quintuple revolving nosepiece based on precision ball-bearing mechanism with positive click stop.		
	Plan infinity colour corrected, Uniformly centered, Interchangeable & Par focal, Tropicalized anti fungus treatment ensures image excellence for long periods in conditions favouring to fungus growth		
Objectives	Plan Achromat Objectives	NA	WD
	4X	0.10	18.5mm
	10X	0.25	10.6mm
	20X	0.45	02.4mm
	40X (spring)	0.65	00.6mm
	100X (oil & spring loaded)	0.35	00.13mm
Mechanical stage	Co-axial low drive mechanical Rack less stage (125mm x 145mm) (± 5 mm) with traverse area of 30mm x 76mm (± 5 mm) with side holder, Optional: Double Layer Mechanical Stage with Stage size of 132 x 142mm, movement range 75 x 50 mm		
Condenser	Centerable abbe condenser with aperture iris diaphragm (N.A. 1.25) focusable with rack & pinion through 20mm and a continuously variable iris diaphragm with a removable blue filter for daylight observation		
Focusing	Co-axial coarse & fine controls with a focus adjustment and fine adjustment knobs. Coarse Focus range 20mm. Focus stop mechanism		
Illumination base	LED light source with Battery Back-up. High Brightness, Long life 30000 Hours. Battery back-up in-built NiMH Rechargeable Battery with 6 – 8 Hours back up in full charge.		
Microscope Adapter	0.35 X Optically Corrected C-Mount Adapter with Separate Focus adjustment Facility & Focus Lock for fixing the lens in the proper focusing position of the adapter (using an Allen key).		
Certification	CE Certification for Low Voltage Directive 2014/35/EU for Biological Microscopes & Reflected florescence illuminators (Documents has to attach along with Tender / Quote)		
Manufacture's support needed	(i) The microscope Manufacturer required A Registered Branch Office in Kerala (ii) The Authorisation Letter from the Manufacturer has to be submit in the Company Letter Head of Kerala Branch Office (iii) Required Factory Trained Service Engineer from the Company Branch Office from Kerala		
Packed in a Styrofoam Box, with Operation manual, Dust cover, Power code with LED Adapter & Immersion oil (10ml)			