



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

**PANANGAD P.O., KOCHI 682 506, KERALA, INDIA**  
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No.GA 7/8140/2022

Panagad, Date: /12/2022

**TENDER NOTICE**

Competitive Tenders are invited for the **“Supply and Installation of Trinocular Bright Field Microscope under MoES Reach out Project, KUFOS, Panangad”** with requirements/ specifications as attached herewith:

|  |            |         |
|--|------------|---------|
| Last date & time for receipt of tender | 13.01.2023 | 03.00pm |
| Date & time of opening of tender       | 13.01.2023 | 03.30pm |

The envelope containing the Tender should bear the superscription **“Supply and Installation of Trinocular Bright Field Microscope under MoES Reach out Project, KUFOS, Panangad, GA 7/8140/2022”** and should be sent to the Registrar, Kerala University of Fisheries and Ocean Studies, Panangad, Kochi - 682506, 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 the tender cost and EMD @ 1% of the quoted amount (subject to a minimum of Rs.1500/-) 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. Radhika Rajasree S R, Head of Dept. of Fish Processing Technology 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: 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.

**REGISTRAR**

To : Firms/ Programmer to publish on the website

Copy to: Dean FFS/ Dr. Radhika Rajasree S R, Head of Dept. of FPT through Dean FFS

## Specifications of LED Trinocular Bright Field Microscope



Document 2022/101/29362 - GENERAL( modified version of 2022/29326/101) - File No. 2022/101/8140  
Approved by Registrar on 30/12/2022 06:36:18

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KUFOS HQRS, Panangad, Ernakulam

| Parts   | Description  |
|---|--|
| New Design Low position revolving nosepiece, Low position stage, Low position XYZ –axis knob Microscope, Precentred LEDs with 60,000- hour lifetime, Seven Position Condenser | Microscope frame for transmitted microscopy with LED illumination, Z Focusing stroke per Rotation for coarse adjustment knob : 36.8mm, Focusing stopper. Torque adjustment for coarse adjustment knob, inward tilt quintuple revolving nosepiece, Rackless mechanism XY mechanical stage right handle low position stage, travelling range (XxY) : 76mm x 52mm, single specimen holder. Universal abbe condenser NA 1.25 with oil immersion. Universal condenser with 7 turret positions for BF (4-100X), 2X, DF, Ph1, Ph2, Ph3, FL. Condenser turret AS lock pin to select & set favourite contrast level by locking the built in aperture iris aperture diaphragm, including rubber stage grip AC adapter, fixing belt for transportation. |
| Eyepiece  | Wide field eyepiece 10X  |
| Eyepiece focusable  | Wide field eyepiece 10X, focusable   |
| Trinocular Observation Tube   | Trinocular Tube, FN20, fixed light pass, Bi/Photo:50/50, Interpupillary Distance Adjusting Range 48-75 mm, inclination 30 degrees  |
| 4X Plan C   | Plan achromat objective 4X/ 0.1, WD 18.5   |
| 10X Plan C  | Plan achromat objective 10X/ 0.25, WD 10.6   |
| 40X Plan C  | Plan achromat objective 40X/ 0.65, WD 0.6( spring)   |
| 100X Plan C   | Plan achromat objective 100X/ 1.25, WD 0.13(spring, oil)   |
| Oil   | Immersion oil 8cc  |
| Cover   | Dust cover Type 015 for CX23/33/43(L450mm x H 460mm)   |
| Power cord  |  |
| Camera with software and adaptor  | 5 mega pixel Colour CMOS Camera with Software and 0.5x adaptor   |
| Computer with Monitor   | Desktop computer with Core i5, 4GB RAM, 1TB HDD, 24inch Monitor, keyboard and mouse  |