

DRI/1122/2023(ii)

Panangad, Dated: .03.2023

TENDER NOTICE

Competitive Tenders are invited for the “ **Fluorecence and bright field camera for inverted microscope**” 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 Fluorecence and bright field camera for inverted microscope** 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. Gijo Ittoop, 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. Gijo Ittoop, Assistant Professor, CIFPAAH /SF

CAMERA & SOFTWARE FOR FLOURESCENCE & BRIGHT FIELD IMAGING

Specification: - Fluorescence camera for OLYMPUS Inverted Microscope (Model: CKX53) with 2.0 Mega Pixel Resolution &with 0.35X Optically Corrected C-Mount Adapter for separate lock & focusing facility.

2.0 MP FLUORESCENCE CAMERA & 0.35X OPTICALLY CORRECTED C-MOUNT ADAPTER WITH SEPERATE FOCUS ADJUSTMENT AND FOCUS LOCK FOR ATTACHING IN OLYMPUS INVERTED FLUORESCENCE MICROSCOPE (Model: CKX53)





<p>Specifications: 2.0 Mega Pixel CMOS Camera with SONY Exmor sensor IMX385 having sensor size of 1/2", Resolution: 1920 X 1080, suitable for Fluorescence & Bright Field Imaging, pixel size 3.75 X 3.75 um, Binning 1X1 with USB 3 port for faster data transfer, comes with a software for point to Point measurement, auto white balance, auto exposure option, basic setting: Gain, Gamma, Contrast, Auto white balance, optical Port : C-Mount compatible with Windows® 10 or latest version (32/ 64 bit). Packing includes: 2.0 MP Camera, USB 3 cable, calibration slide</p>	
<p>Application Camera casing Sensor size Pixel size Sensor type Resolution (Max)</p>	<p>Bright Filed & Fluorescence Metal Alloy 1 /2'' 3.75 x 3.75 micron SONY Exmor CMOS sensor IMX385 1920 x 1080</p>
FPS / Resolution	125 @ 1920 x 1080
<p>Binning DynamicRange Signal / Noise ratio Exposure time Spectral range</p>	<p>1 x 1 66.5 dB 40.5 dB 0.1ms ~ 15s 380 -650 nm with IR Filter</p>
<p>White Balance Image processing % enchantment</p>	<p>ROI White balance / Manual Temperature – Tint adjustment Image Calibration, Measurement & Image Control</p>
Software	
<p>Operating system Image format</p>	<p>Windows 10 (32.64 bit) JPG / TIF / BMP / PNG</p>
Electronic Interfaces	
<p>PC / Lap top Power supply Operating temperature Operating Humidity</p>	<p>USB – 2 for Win & Mac 5V DC via USB -2 <ul style="list-style-type: none"> • -10°C to +50°C • 30 to 80% RH </p>
Features required in Laptop / Desktop Computer	
CPU	Core -2 , i5 / i7 > 4Gb / 8 Gb RAM
Other requirements	C-Mount / Eye piece mount using with STR Adapter