



REGIONAL AGRICULTURAL RESEARCH STATION
AMBALAVAYAL, WAYANAD - 673 593
KERALA AGRICULTURAL UNIVERSITY

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No: D.4007/22

Dated: 10 /03/2023

TENDER NOTICE

Sealed competitive tenders are invited for the Purchase of 'High End Camera with macro lens' at Regional Agricultural Research Station (RARS), Kerala Agricultural University, Ambalavayal.

CRITICAL DATES AND DETAILS

Tender No. and Date	
Last date of receipt of tender	25.03/2023
Date and time of opening the tender	25.03.2023
Tender cost	Rs.400/- +GST
EMD amount	2.5% of the rate quoted
Designation and Address of the Officer to who the tender should be addressed	Associate Director of Research, Regional Agricultural Research Station (RARS), Kerala Agricultural University, Ambalavayal, Wayanad Dist. Kerala – 673 593
Location of Supply / Work	Regional Agricultural Research Station (RARS), Ambalavayal, Wayanad Dist. Kerala – 673 593
Quantity	1 No
Superscription :Tender for purchase of 'High End Camera with macro lens'	

The acceptance of the tenders will be subject to the following Terms and conditions

1. Tender form

The tender form can be downloaded from the following link in the internet www.kau.in/tenders

2. The cost of tender form. GST and EMD will be accepted by way of separate DDs in favour of Associate Director, Regional Agricultural Research Station. Ambalavayal , Pin – 673593

3. **Earnest Money Deposit:** An EMD (2.5% of the amount quoted) should be remitted by separate DD drawn in favour of Associate Director, Regional Agricultural Research Station. Ambalavayal Pin – 673593

4. The tender should be accompanied by an agreement in Kerala stamp paper worth Rs. 200/- (Rupees Two hundred only) in the format that can be downloaded from the website www.kau.in/tenders

5. The sealed cover containing the tender documents should be super scribed as '**Tender for purchase of High End Camera with macro lens**'. **The cover should contain the DD's for tender cost, GST, EMD and the Agreement as mentioned above**
6. The successful tenders should execute and agreement in Kerala Stamp paper worth Rs. 200/- (Rupees Two hundred only) and furnish a security deposit of 5% of cost of the rate quoted in the form of term deposit/bank guarantee/demand draft drawn in favour of Associate Director, Regional Agricultural Research Station. Ambalavayal Pin – 673593, Wayanad District payable at the State Bank of India, Kolagappara (IFSC: SBIN0070615), When directed from this office.
7. **The rate should be quoted separately for camera ,kit lens, macro lens inclusive all of charges , transportation, installation, testing and commissioning etc. if any separately stated.**
8. The Associate Director has the right to accept or reject any or all of the offers without assigning any reason.
9. The successful Tender shall initiate the work/supply the item within one week.
10. If any hartal/strike/any unexpected holiday occurs on the date of opening of tender, the tender will be opened at the same time on the next working day
11. Firms which are excepted from payment of EMD should furnish copy of the currently valid certificates from Store Purchase Department, Govt. of Kerala.
12. Payment as per the invoice will be made only after satisfactory supply of item as per specifications. Tenderer is liable to replace the defective articles/rectify the defective item of work immediately on receipt of intimation. Payment will be made only by Cheque on fulfillment of the contract satisfactory.
13. The EMD/Security Deposits furnished will be forfeited in case the contract is not fulfilled as per the terms and conditions mentioned in the tender notice and agreement.
14. Tenderer should submit the catalogue within the tender cover
15. All other technical and commercial terms and conditions pertaining to the execution of work/installations to Government/Public undertakings as per the code rules in force in Kerala will be applicable in this case also.
16. Further information such as terms and conditions, detailed specifications of the supply/work/installation, cost of tender forms etc. can be had on all working days from the office of the **Associate Director of Research, Regional Agricultural Research Station Ambalavayal, during duty hours.**
17. The specifications of the camera and macro lens are mentioned in Annexure -I

*Enquiries if any may be mailed to rarsamb@kau.in or contact 04936-260421.

Sd/-

Associate Director of Research

To: Notice Board, KAU web site (www.kau.in>tenders)

Annexure -I

Type	Mirrorless
Image sensor	DX-format, CMOS with optical low pass filter
Effective pixels	20.9 million
Card slot	1 SD card (UHS-I)
Viewfinder	0.99 cm (0.39 in.) approx. 2360k-dot (XGA) OLED electronic viewfinder with color balance and auto and 7-level manual brightness controls
Shutter type	Electronically controlled vertical-travel focal-plane mechanical shutter; electronic front-curtain shutter, electronic shutter
Shutter speed	1/4000 to 30 s, bulb, time
Frame advance rate	Up to 11 fps, Low-speed continuous: 1 to 4 fps, High-speed continuous: 5 fps, High-speed continuous (extended): 11 fps
Frame coverage	Approx. 100% horizontal and 100% vertical
ISO sensitivity	ISO 100 to 51200 (choose from step sizes of 1/3 and 1/2 EV); can also be set to approx. 1 or 2 EV (ISO 204800 equivalent) above ISO 51200; auto ISO sensitivity control available (Recommended Exposure Index)
Autofocus	Hybrid phase-detection/contrast AF with AF assist
Focus points	209 (single-point AF, photo mode, DX image area)
VR	Lens shift (available with VR lenses)
Flash	Built-in flash: Manual pop-up, guide number: approx. 7 m (22 ft)
Movie - frame size (pixels) and frame rate	3840 × 2160 (4K UHD): 30p/25p/24p, 1920 × 1080: 60p/50p/30p/25p/24p, 1920 × 1080 slow-motion: 120p/100p ; continuous shooting speed
Movie - file format	MOV , MP4
Movie - other options	Video compressions format: H.264/MPEG-4 AVC, electronic vibration reduction available
Monitor	8 cm (3.2 in.) diagonal; Tilting TFT touch-sensitive LCD with 170° viewing angle, approximately 100% frame coverage, and 11-level manual brightness controls; Approx. 1040k-dot
Battery	One EN-EL25 Rechargeable Li-ion Battery
Dimensions (W x H x D)	Approx. 126.5 x93.5 x60 mm (5 x3.7 x2.4 in.)
Weight	Approx. 450 g (15.9 oz.) with battery and memory card but without body cap; approx. 395 g/14 oz. (camera body only)
Supplied accessories	BF-N1 Body Cap, DK-30 Rubber Eyecup, EN-EL25 Rechargeable Li-ion Battery , MH-32 Battery Charger, AN-DC20 Strap, UC-E21 USB Cable
Macro Lens	Macro lens of at least 50mm with hot shot attachable flash with macro diffuser and lens magnifier
Warranty	2 years or above

Annexure – II

Format for submission of Technical and Financial Bid

Name and address of the firm	:				
Name of contact Person with mobile number and e-mail id	:				
Details of Components and cost					
Sl. No.	Item	Make, Model and Specifications and Warranty	Rate (INR)	Qty (No.)	Amount (INR)
1.	Datalogger and Control Module			1	
2.	Air Temperature and Relative Humidity Sensor			2	
3.	Rainfall Sensor			1	
4.	Soil Moisture and Temperature Sensor			1	
5.	PAR Radiation Sensor			2	
6.	Power Supply			1	
7.	Telemetry Scope			1	
8.	Mounting Hardware Enclosure for Datalogger and Battery and Installation			1	
9.	Warranty and AMC				
	AMC for 2 nd Year				
	AMC for 3 rd Year				
10.	Other items & charges, if any				
11.					
TOTAL					

Signature with Name, date and official seal