

**KSCSTE-Malabar Botanical Garden and Institute for Plant Sciences**  
GA College PO, Kozhikode 673 014,

**Tender Form**

To

The Director  
KSCSTE-MBGIPS, GA College PO Kozhikode, 673 014  
Kerala

Sir,

**Sub: Your Tender Enquiry No. MBGIPS/47/2026-A1 dtd. 08.07.2026**

I/We hereby offer you to supply the item detailed below at the price here under quoted and agree to hold this offer open till **23.07.2026, 4.00 pm**. I/We shall bind to supply the stores hereby offered, upon the issue of the purchase order communicating the acceptance thereof on or before the expiry of the delivery date therein. You are at the liberty to accept anyone or more of the item of such stores. I/We, notwithstanding that the offer in this tender has not been accepted in whole shall be bound to supply to you such items and such portion or portions of one or more of the items as may be specified in the purchase order communicating the acceptance.

S.no.	Items		Qty (No's)	Delivery
1	<b>Sterio Microscope with Image Analyser &amp; PC</b>		1	Immediate
	<b>Parameter</b>	<b>Specification</b>		
	<b>Optics Carrier:</b>	Apochromatic Greenough system with Magnification range: 6.3x-50x (using 10x eyepieces and 1x). All Optics (including objective lens & Zoom Optics) should be Fully Apochromatic corrected & details should be available in the product brochure.		
	<b>Zoom Ratio:</b>	8:1 Zoom or higher. Should have at least 10 click stop positions.		
	<b>Eyepieces:</b>	A pair of eyepieces of 10X with FOV of 23 mm or more		
	<b>Transmitted Illumination Base:</b>	White LED Transmitted Light Base with rotatable and slidable mirror for brightfield, darkfield and oblique illumination minimum 30,000 hours life time. Should include Glass plate and Black & white plate.		
	<b>Stand:</b>	Stand should have separate Reflected light / Transmitted Light control for ON/OFF function		
	<b>Resolution:</b>	Should be 220 Lp/mm (10x eyepieces and 1x objective) or better		
	<b>Reflected Illumination:</b>	Should have White LED Segmentable Ring light with 4 segments modes: Full, half- and quarter-circle and 2-opposite quarters & Double spot illuminator		
	<b>Objectives:</b>	Plan Apochromatic 1.0x Objective lens (Magnification range: 6.3x-50x)		
	<b>Tube:</b>	Trinocular tube with beam splitting 100:0/0:100. The inclination angle should be 35° at a field number of 23mm		
	<b>Camera:</b>	12.0 Mega Pixel high-definition Microscopic CMOS Sony sensor camera with 30fps at 4k resolution. Pixel size should be 1.85um x 1.85um at full resolution & 3.70um x 3.70um at 1920 x 1080 resolution. Should have a passive cooling system. Should have interfaces – Wi-Fi HDMI, USB 3.0 Type C, Ethernet. Microscope should be used in stand- alone operation with camera control by on screen display via mouse and keyboard without PC		

		and save images on USB flash drive. Camera should have the capable to connect IOS & Android devices through Wi-Fi. Camera should have a built-in snap button & ON/OFF button.
	<b>Software:</b>	The software shall provide functionalities for image acquisition, image processing, image annotation, linear measurements, report generation, manual stacking. The software shall be touch optimized and shall run on iOS and Windows-based tablets and computers.
	<b>PC for Imaging:</b>	Suitable branded PC with Processor: i3 (12th Gen or above), RAM:16GB or above, 4GB Graphics, 512GB SSD, 1TB HDD, 24" Display, Win 11.
	<b>Additional Instructions:</b>	<ol style="list-style-type: none"> <li>1. All the features mentioned above should be available in the product brochure.</li> <li>2. Microscope, camera and Software from the same manufacturer.</li> <li>3. All optics should be anti-reflection coated for maximum light throughput.</li> <li>4. Dust protection cover for microscope should be provided</li> <li>5. Schematic diagram of microscope to be supplied.</li> </ol>
	<b>Pre-Condition (Mandatory):</b>	<ol style="list-style-type: none"> <li>1. Supplier should have Service Facility &amp; Factory trained Service Engineer in Kerala and the details of the same should be furnished along with the bid.</li> <li>2. Authorisation from the manufacturer should be produced along with the bid.</li> <li>3. The vendor should show that the peer-reviewed articles published in the field of any research mentioned the microscope they are quoted. The link or copy of the article should be provided.</li> <li>4. Technical features for the product quoted should exclusively be supported by authentic company catalogue that can be verified from the official website.</li> </ol>
	<b>Warranty</b>	

Place of Delivery: KSCSTE- Malabar Botanical Garden and Institute for Plant Sciences (MBGIPS), GA College PO, Kozhikode 673 014.

I/We understand the instructions to the Tenderers and General Terms and Conditions of the Contract governing supplies. I/We have thoroughly examined the specifications of the stores referred above and my/our offer is to supply stores strictly in accordance with and subject to the terms and conditions stipulated.

Signature of the Tenderer with Seal

## KSCSTE-Malabar Botanical Garden and Institute for Plant Sciences

GA College PO, Kozhikode 673 014, Ph.0495 2430939

[malabarbot.garden@gmail.com](mailto:malabarbot.garden@gmail.com)

[www.mbgips.in](http://www.mbgips.in)

### TENDER NOTICE

**Tender No. MBGIPS/47/2026-A1**

**dtd. 08.07.2026**

Sealed tenders are invited from competent vendors for the **Supply & Installation of Sterio Microscope with Image Analyser & PC** with the following specifications, at KSCSTE-MBGIPS, Kozhikode.

S.no.	Items	Qty (No's)	Delivery
1	<b>Sterio Microscope with Image Analyser &amp; PC</b>	1	Immediate
	<b>Parameter</b>	<b>Specification</b>	
	<b>Optics Carrier:</b>	Apochromatic Greenough system with Magnification range: 6.3x-50x (using 10x eyepieces and 1x). All Optics (including objective lens & Zoom Optics) should be Fully Apochromatic corrected & details should be available in the product brochure.	
	<b>Zoom Ratio:</b>	8:1 Zoom or higher. Should have at least 10 click stop positions.	
	<b>Eyepieces:</b>	A pair of eyepieces of 10X with FOV of 23 mm or more	
	<b>Transmitted Illumination Base:</b>	White LED Transmitted Light Base with rotatable and slidable mirror for brightfield, darkfield and oblique illumination minimum 30,000 hours life time. Should include Glass plate and Black & white plate.	
	<b>Stand:</b>	Stand should have separate Reflected light / Transmitted Light control for ON/OFF function	
	<b>Resolution:</b>	Should be 220 Lp/mm (10x eyepieces and 1x objective) or better	
	<b>Reflected Illumination:</b>	Should have White LED Segmentable Ring light with 4 segments modes: Full, half- and quarter-circle and 2-opposite quarters & Double spot illuminator	
	<b>Objectives:</b>	Plan Apochromatic 1.0x Objective lens (Magnification range: 6.3x-50x)	
	<b>Tube:</b>	Trinocular tube with beam splitting 100:0/0:100. The inclination angle should be 35° at a field number of 23mm	
	<b>Camera:</b>	12.0 Mega Pixel high-definition Microscopic CMOS Sony sensor camera with 30fps at 4k resolution. Pixel size should be 1.85um x 1.85um at full resolution & 3.70um x 3.70um at 1920 x 1080 resolution. Should have a passive cooling system. Should have interfaces – Wi-Fi HDMI, USB 3.0 Type C, Ethernet. Microscope should be used in stand- alone operation with camera control by on screen display via mouse and keyboard without PC and save images on USB flash drive. Camera should have the capable to connect IOS & Android devices through Wi-Fi. Camera should have a built-in snap button & ON/OFF button.	
	<b>Software:</b>	The software shall provide functionalities for image acquisition, image processing, image annotation, linear measurements, report generation, manual stacking. The software shall be touch optimized and shall run on iOS and Windows-based tablets and computers.	
	<b>PC for Imaging:</b>	Suitable branded PC with Processor: i3 (12th Gen or above), RAM:16GB or above, 4GB Graphics, 512GB SSD, 1TB HDD, 24" Display, Win 11.	

	<b>Additional Instructions:</b>	<ol style="list-style-type: none"> <li>1. All the features mentioned above should be available in the product brochure.</li> <li>2. Microscope, camera and Software from the same manufacturer.</li> <li>3. All optics should be anti-reflection coated for maximum light throughput.</li> <li>4. Dust protection cover for microscope should be provided</li> <li>5. Schematic diagram of microscope to be supplied.</li> </ol>
	<b>Pre-Condition (Mandatory):</b>	<ol style="list-style-type: none"> <li>1. Supplier should have Service Facility &amp; Factory trained Service Engineer in Kerala and the details of the same should be furnished along with the bid.</li> <li>2. Authorisation from the manufacturer should be produced along with the bid.</li> <li>3. The vendor should show that the peer-reviewed articles published in the field of any research mentioned the microscope they are quoted. The link or copy of the article should be provided.</li> <li>4. Technical features for the product quoted should exclusively be supported by authentic company catalogue that can be verified from the official website.</li> </ol>
	<b>Warranty</b>	

**Tender forms and other details are available in our Website**

**[www.mbgips.in](http://www.mbgips.in)**

### Terms and Conditions

1. You are requested to submit your lowest tenders with leaflet for the **Supply & Installation of Sterio Microscope with Image Analyser & PC**, so as to reach The Director, KSCSTE - MBGIPS, G.A. College PO, Kozhikode - 673 014, Kerala, **on or before 23.07.2026, 4.00 pm**. Tenders will be opened at 10.30 am on 24.07.2026. However, placing of final orders will depend upon the close scrutiny of offers by a duly constituted Purchase Committee in due course.
2. The rates quoted should be inclusive of all Taxes-Sales Tax, Additional Sales, Entry Tax, Insurance, Freight, Packing and Forwarding charges etc. **as per the DSIR norms and should be shown separately**. The maximum period required for Delivery of the items should be mentioned. Items will have to be delivered at MBGIPS Office, G.A. College PO, Kozhikode – 673 014.
3. If you have Government Rates/DGS and D Rates, you may also quote such rates with the supporting Government Orders.
4. If you have **ISI / ISO / BIS** for products and factory, the same may also be mentioned in your tender with the supporting certificates and orders.
5. Any tender received after the time fixed on the due date is liable to be rejected. Tenders not stipulating period of firmness and with price variation clause and/or subject to the prior sales conditions are liable to be rejected.
6. No representation for enhancement of price once accepted will be considered.
7. Payment will be made only after the supply is received.
8. MBGIPS reserves the right to reject any or all of the tenders without assigning any reason thereof.
9. Form C/D is not applicable to us.
10. Tender form along with detailed specifications, terms and conditions can be obtained on all working days from the Director, MBGIPS, Kozhikode 673 014, Kerala on payment of **₹1,500/-** (18% GST extra) by cash or by Demand Draft (drawn in favour of Director, MBGIPS). The details of the tender document are also available in our Website [www.mbgips.in](http://www.mbgips.in)
11. Interested suppliers may download the prescribed tender form and submit the bid on or before 23.07.2026 along with the **tender-form fee of ₹1,500/-** (18% GST extra) (*Rupees One thousand five hundred only*). Regarding **EMD, the amount is ₹8,000/-** (*Rupees Eight thousand only*) which should be submitted as DD along with Tender Form.
12. The bids without tender fee payment and EMD will not be considered. In case the tender form is required by post, an additional amount of Rs.100/- shall have to be paid towards postage. KSCSTE-MBGIPS cannot be held responsible for any postal delay.

**N.S. Pradeep**  
**Scientist in-charge**