

SAST/CLPC/ACU/93 /2026-27

Date:06-08-2026

TENDER NOTIFICATION

The Head, CLPC, Sri Adichunchanagiri Shikshana Trust invites closed tenders from eligible tenderers or bonafide licensed manufacturers (OEM) or their authorized local supplier/ dealer/ distributor in the state of Karnataka for the **Procurement of fluorescence Microscope under ICMR-IIRPSG Project and Provision of matching Grants to Adichunchanagiri University, BG Nagara-571448.** as per section I & II.

01	Name of the work	Procurement of fluorescence Microscope under ICMR-IIRPSG Project and Provision of matching Grants to Adichunchanagiri University, BG Nagara-571448.
02	Last Date for Tender Submission	On or before 12.08.2026 before 5.30 PM (Tender Submission to clpcheadtender@bgscet.ac.in is Mandatory)

Section-1**Instructions to Tenderers**

- The Tenderer shall submit the bids (Technical & Financial bids) through the mail id: **clpcheadtender@bgscet.ac.in** on or before the last date of tender submission (for any or all list of items) on professional business letterheads only. The details to be printed on the letter head is as follows
 - Tender for Procurement of fluorescence Microscope under ICMR-IIRPSG Project and Provision of matching Grants to Adichunchanagiri University, BG Nagara-571448.
 - Tender Reference number..... [Insert Number]
 - Address to "The HEAD, CLPC, Sri Adichunchanagiri Shikshana Trust, BGSCET Campus, Mahalakshimpuram, Bengaluru - 560086"
 - The tenderer shall submit the original documents to this office on the last day of submission for verification who prefers to submit the tender through Post can dispatch the same through Registered post / Speed post or Couriers as to reach the above address on or before the due date and time specified in the Tender Notice. Tenders received after the due date and time, for whatsoever reasons will not be considered and the authority, Head of CLPC will not be liable or responsible for the same.
- Tender Currency:** Prices shall be quoted in Indian Rupees only.
- AMC/CMC (IF ANY)** is subject to the Sri Adichunchanagiri shikshana trust's norms.
- Warranty:** 3 Years.
- Amendment of tender documents:** At any time prior to the deadline of submission of tenders the trust may, for no reason, whether as its own initiative or otherwise modify the tender documents by amendment. Sri Adichunchanagiri Shikshana Trust reserves

all the rights to accept, reject, incorporate changes and re-tender without giving any reasons.

- 6) **Documents Comprising the Tender:** Shall attach Brochure, Certification of the product, Bank/account details, PAN, GSTIN, Good Standing Certificate and 02 years of ITR declaration inside the envelope and the company contact details with email id on the in the below mention format in annexure - 1.
- 7) **Tender Prices:** Prices indicated on the price schedule shall be entered separately I.e. the price of the goods, quoted (ex-works, ex-factory, ex-showroom, ex-warehouse, or off-the-shelf, as applicable), including all duties and sales and the other taxes already paid or payable. Any Indian duties, sales and other taxes which will be payable on the goods if the contract is awarded. Conditional tenders will not be considered. The bidder has to give the quotation in the below enclosed format in annexure - 2.
- 8) **Validity of the Bid:** 90 days from the last date of submission of bid.
- 9) **Corrupt or Fraudulent practices:** Sri Adichunchanagiri Shikshana Trust requires that the tenderers, observe the highest standard of ethics during the procurement and execution of such contracts. In purchase of this policy:
 - a) Will reject a proposal for award if it determines the tenderer recommended for award has engaged in corrupt or fraudulent practices in competing for the contract in question;
 - b) Will declare a firm ineligible, either indefinitely or for the stated period of time, to be awarded a university contract if it any time determines that the firm has engaged in corrupt or fraudulent practices in competing for, or in executing, a trust contract.
- 10) **Process to be confidential:** Information relating to the examination, clarification, evaluation, and comparison of tenders and recommendations for the award of contract will not be disclosed to tenderers or any other persons not officially concerned with such process until the award to the successful tenderer has been announced. Any effort by a tenderer to influence the employer's processing of tenders or award decisions may result in rejection of his tender.
- 11) **Clarification of Tenders:** To assist in the examination, evaluation, and comparison of tenders the employer may, at his discretion, ask and tenderer for clarification of his tender, including breakdowns of unit rates. The request for clarification and the response shall be writing or by cable, but no change in the price or substance of the tender shall be sought, offered, or permitted except as required to confirm the correction of arithmetic errors discovered by the employers in the evaluation of the tenders.
- 12) **Delivery:** The successful BIDDER should commence the service as per the tender document/work or purchase order. For any queries or assistance, please write to clpthead@bgscet.ac.in or telephone to +91- 8123707324.
- 13) **Penalty Clause:** Non-execution of supply order – for the reasons of failure to supply partially or completely within the stipulated time or any event of breach of contract. In case at any following stages
 - a) For the delayed supply (3 days of grace period) – 5% deduction
 - b) Quantity issues – 5 % deduction
 - c) Quality issues – 10% deduction



Section-2Technical Specification

SL. No	Particulars	Total Quantity in Nos.	Rate In Rs.	Total Amount in Rs.
1.	fluorescence Microscope under ICMR-IIRPSG Project and Provision of matching Grant	01		
Total Amount in Rs.				
INR				

Technical Specifications**TECHNICAL SPECIFICATIONS FOR FLUORESCENCE MICROSCOPE SYSTEM****1. System Overview & Frame**

- **System Type:** Research-grade Upright / Inverted Fluorescence Microscope (Vendor to specify frame orientation based on standard offer).
- **Frame & Focus:** Ergonomic, high-rigidity frame with co-axial coarse and fine focusing mechanism. Fine focus graduation $\leq 1 \mu\text{m}$.
- **Nosepiece:** Quintuple or Sextuple (5 or 6-position) revolving nosepiece to accommodate multiple objectives.
- **Stage:** Mechanical stage with ergonomic co-axial controls, right- or left-hand drive, equipped with universal specimen holders (for standard slides, cover slips, and culture dishes).
- **Observation Tube:** Trinocular head with diopter adjustment on both eyepieces; light path splitting mechanism (e.g., 100:0 / 20:80 / 0:100) for simultaneous visual observation and digital imaging.
- **Eyepieces:** Pair of 10X wide-field eyepieces with Field Number (F.N.) $\geq 22 \text{ mm}$.

2. Transmitted Light Illumination & Condenser

- **Light Source:** High-efficiency, long-life LED transmitted light source ($\geq 50,000$ operating hours) with continuous variable intensity control.
- **Condenser:** Universal / Abbe Condenser with Numerical Aperture (N.A.) ≥ 0.9 , aperture iris diaphragm, and slot for contrast accessories.

3. Epi-Fluorescence Illumination & Filter System

- **Fluorescence Light Source:** Multi-channel / Solid-state LED Fluorescence Illumination System with broad spectral coverage spanning UV to Far-Red (365 nm – 660 nm).
 - Individual channel on/off and independent intensity adjustment (0–100%).
 - Long operational lifetime ($\geq 20,000$ hours per LED channel), mercury-free.
- **Fluorescence Turret:** Multi-position fluorescence cube turret (at least 4 to 6 positions).
- **Fluorescence Filters / Channels:** High-efficiency bandpass interference filter sets or LED light-cube modules covering the following excitation/emission spectrums:
 1. **UV Excitation Channel:** Compatible with DAPI, Hoechst 33342/33258 (Ex: $\sim 365\text{--}395 \text{ nm}$, Em: $\sim 435\text{--}485 \text{ nm}$).
 2. **Blue / Green Excitation Channel:** Compatible with FITC, EGFP, Alexa Fluor 488 (Ex: $\sim 470\text{--}495 \text{ nm}$, Em: $\sim 515\text{--}545 \text{ nm}$).
 3. **Green / Red Excitation Channel:** Compatible with Texas Red, mCherry, Alexa Fluor 594 (Ex: $\sim 550\text{--}580 \text{ nm}$, Em: $\sim 610\text{--}650 \text{ nm}$).
 4. **Far-Red Excitation Channel:** Compatible with Cy5, Alexa Fluor 647 (Ex: $\sim 620\text{--}650 \text{ nm}$, Em: $\sim 670\text{--}710 \text{ nm}$).

4. Optical Objectives

High-quality Plan Achromat / Plan Fluorite / Plan Apochromat objectives corrected for infinity optical systems:

Standard / Mandatory Objectives:

1. 4X / 0.13 N.A. (Low magnification screening objective)
2. 10X / 0.30 N.A. (Plan Achromat / Fluorite)
3. 20X / 0.45 N.A. (Plan Achromat / Fluorite, long working distance option desirable)
4. 40X / 0.65 N.A. (Plan Achromat / Fluorite, spring-loaded)

Optional / Itemized Objectives (To be quoted separately if required):

1. 2X / 0.06 N.A. Ultra-low magnification objective.
2. 60X / 0.80 N.A. or 0.85 N.A. High-resolution dry objective (spring-loaded).
3. 100X / 1.25 N.A. or 1.30 N.A. Oil Immersion objective (spring-loaded).

5. Digital Color Camera System

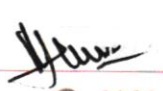
- **Sensor Type:** High-sensitivity Color CMOS Sensor.
- **Sensor Size:** 1/1.7-inch (or larger).
- **Effective Resolution:** ≥ 12.0 Megapixels (Native resolution $\geq 4000 \times 3000$ pixels).
- **Frame Rate:** Minimum 20 FPS at full resolution (4000×3000); higher frame rates at binned or sub-sampled resolutions.
- **Dynamic Range & Exposure:** High dynamic range with exposure control from auto to manual microsecond/millisecond adjustments suitable for low-light fluorescence.
- **Interface & Mounting:** USB 3.0 / 3.1 High-Speed Data Interface; standard C-mount adapter matched to sensor size (0.5X – 0.7X).

6. Image Acquisition & Analysis Software

- **Device Control:** Full control of camera acquisition parameters (gain, exposure, white balance, live histogram, gamma).
- **Multi-Channel Overlay:** Capability to capture and merge multi-color fluorescence images (e.g., overlaying DAPI + FITC + Texas Red + Cy5) with pseudo-coloring and brightness/contrast adjustments per channel.
- **Measurement Tools:** Spatial calibration, line/area measurements, scale bar insertion, text annotation, and export in standard formats (TIFF, JPEG, PNG, ND2/LIF/CZI equivalents).
- **System Compatibility:** Compatible with 64-bit Windows operating systems.

7. Power Supply, Spares, and Accessories

- **Power Requirements:** Universal power input 100–240 V AC with appropriate localized power plugs.
- **Accessories Included:** Dust cover, power cords, calibration slide, immersion oil (10 mL, if 100X selected), and necessary communication cables.
- **Warranty:** Minimum 1-year / 3-year comprehensive OEM warranty from the date of installation.



Annexure – 1

PARTICULARS OF THE BIDDER

Sr. No	Description	Details (to be filled by the responder to the Bid)
1	Name of the company	
2	Official address	
3	Phone No. And Fax No.	
4	Corporate Headquarters Address	
5	Phone No. And Fax No.	
6	Web Site Address	
7	Details of Company's Registration (Please enclose copy of the company registration document)	
8	Name of Registration Authority	
9	Registration Number and Year of Registration	
10	ISO certifications and its validity	
11	GST registration No.	
12	Permanent Account Number (PAN)	
13	Company's Revenue for last 3 years (Year wise)	
14	Company's net worth for the last year	
15	Bank Details (Name, Account no., Branch, IFSC, MICR)	



Annexure - 2

The Bidder has to quote the rate in the Item Data available online with this bid. Details to be filled up for price bid are as below:

The price shall be inclusive of all taxes (inclusive of GST) under the relevant Laws of India.

SL. No	Particular	Amount In Rs. (Inclusive of All the taxes)
1	Procurement of fluorescence Microscope under ICMR-IIRPSG Project and Provision of matching Grants to Adichunchanagiri University, BG Nagara-571448.	
Total in Rs and in words -		



**THE HEAD
CLPC, ACU
Mahalakshmpuram,
Bengaluru - 560 080.**