SAST/CLPC/ACU-AHRC/292/2025-26 DATE:03-02-2026

TENDER NOTIFICATION

The Head, CLPC, Sri Adichunchanagiri Shikshana Trust invites closed tenders from eligible tenderers or bonafide licensed manufacturer (OEM) or their authorized local supplier/ dealer/ distributor in the state of Karnataka for the **Procurement of Equipment for the OPH department at Adichunchanagiri Hospital and Research Center, BG Nagara - 571448, Mandya (District)**as per section I & II.

01	Name of the work	Procurement of Equipment for the OPH department at Adichunchanagiri Hospital and Research Center, BG Nagara - 571448, Mandya (District)
02	Last Date for Tender Submission	On or before 16.01.2026 before 5.30 PM (Tender Submission to **clpcheadtender@bgscet.ac.in** in Mandatory)

Section-1

Instructions to Tenderers

1) 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

   i) Tender Procurement of Equipment for the OPH department at Adichunchanagiri Hospital and Research Center, BG Nagara - 571448, Mandya (District)

   ii) Tender Reference number.....[Insert Number]

   iii) Address to "" The HEAD, CLPC, Sri Adichunchanagiri Shikshana Trust, BGSCET Campus, Mahalakshmipuram, Bengaluru – 560086"

   iv) 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 what so ever reasons will not be considered and the authority, Head of CLPC will not be liable or responsible for the same.

2) **Tender Currency:** Prices shall be quoted in Indian Rupees only.

3) **AMC/CMC (IF ANY)** is subject to the Sri Adichunchanagiri shikshana trust's norms.

4) **Warranty:** 3 Years.

5) **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.

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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 clpchead@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

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Section-2

Technical Specification

Sl. No.	Description	QTY
1	Lensometer	01
2	Pentacum corneal topography	01
3	Portable slit lamp	01
4	Hand held Perkins tonometer	01
5	Wide field Funds camera with FFA/AF B-Scan	01

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I. TECHNICAL REQUIREMENTS FOR LENSOMETER

1 Basic Components

Lensometer unit (manual or automated)

Power supply / battery

Objective / eyepiece,Lens stage / lens holder,Lens stop,Prism compensator

Accessories: Lens cleaning tissues,Calibration lens set

2. HARDWARE REQUIREMENTS

A. Manual Lensometer

Reticle / target mires, Objective lens system,Eyepiece

Power drum / diopter wheel,Axis wheel

Prism diopter scale,Illumination system,LED/halogen light source

B. Automated / Digital Lensometer

In addition to above: CCD / CMOS camera

Wavefront sensor or Hartmann–Shack array

Infrared/green LED measurement beam

Touchscreen display,Microprocessor-controlled lens table

3. SOFTWARE REQUIREMENTS

Operating Software / Firmware for real-time lens power calculations.

Lens type recognition algorithms

Wavefront analysis software

Progressive corridor mapping

Prism & optical center detection algorithms

4. OPERATIONAL REQUIREMENTS

1) Pre-use Requirements

Correct illumination set,Eyepiece focused for zero accommodation

2) User Skills

Ability to align: Optical center, Cylinder axis

Prism base direction

Interpretation of-Manual mires Digital wavefront maps,Correct marking of OC

3) Environmental Requirements

Stable power supply (for digital models)

Ambient lighting: moderate, glare-free

4) Operational Steps (Manual).

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. Focus eyepiece. Place the lens on the lens stop.

. Adjust the lens table until mires are sharp.

. Rotate power drum → read sphere power.

. Rotate axis wheel → align cylinder lines → read axis. Check prism displacement

II. TECHNICAL REQUIREMENTS FOR PENTACAM CORNEAL TOPOGRAPHY

1. Hardware Requirements

Rotating Scheimpflug camera (captures 3D anterior segment images)

Blue LED light source (475 nm)

High-resolution digital camera sensor

PC/Workstation with:Processor: i5/i7 or higher,RAM: 8–16 GB,Storage: ≥500 GB

Dedicated graphics support (optional)

Stable chinrest & forehead rest to minimize patient movement

Calibration unit (built-in or external),Printer (optional for reports)

2. Software Requirements

Pentacam Acquisition Software (captures Scheimpflug images)

Pentacam Analysis Software with modules:

3D anterior segment analysis,Corneal topography & tomography maps

Belin/Ambrosio (BAD-D) ectasia detection,Pachymetry maps

Zernike wavefront analysis

3. Operational Requirements

Darkened room for consistent illumination

Trained operator to align, fixate, and acquire image

Proper patient fixation (blink, open eyes wide)

Regular calibration before sessions

Avoid tear film instability → repeat scans if needed

Ensure no eye movement during rotation (2-second scan)

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III. TECHNICAL REQUIREMENTS FOR PORTABLE SLIT LAMP

1. Equipment Required

Portable slit lamp unit (hand-held or table-mounted)

Rechargeable battery pack or power adapter

LED illumination source

Adjustable chinrest/forehead rest (optional depending on model)

Carrying case,Observation eyepieces or digital camera attachment

Diffusers, cobalt blue filter, neutral density filter

Smartphone/Tablet mount (for digital models)

2. Hardware Requirements

Optics.Magnification: 6x–16x (varies by model)

Slit width/height controls

Illumination system (LED/halogen)

Beam-splitter (in digital-enabled models),Imaging Hardware (for digital portable slit lamps):

High-resolution camera sensor,Joystick/focus wheel

Adjustable slit diaphragm,Rechargeable lithium battery

3. Software Requirements

Image acquisition software,Patient data recording system

Smartphone app (Android/iOS) for,Autofocus, auto-exposure

Image/video storage,Cloud sync/EMR integration

Calibration/firmware update software

4. Operational Requirements

Dark or semi-dark room for optimal visibility

Fully charged battery / power source,Proper patient stabilization

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Regular cleaning of optics + infection control

Operator must adjust:,Slit height/width,Angle of illumination,Focus distance,Periodic calibration and firmware updates (digital models)

IV. TECHNICAL REQUIREMENTS FOR HAND HELD PERKINS TONOMETER

1. Equipment Required

Hand-held Perkins applanation tonometer

Tonometer prism (Goldmann-type prism)

Disinfectant for prism (e.g., 70% isopropyl alcohol/NaClO)

Cobalt blue light source (built-in)

2. Hardware Requirements

Mechanical applanation system similar to Goldmann but portable

Illumination system with cobalt blue LED

Measurement drum for IOP scale

Adjustable arm/head to hold the prism

3.Operational Requirements

Topical anesthetic instillation

Fluorescein application

Align prism with corneal apex

Adjust drum until semicircles just touch

Read IOP directly from scale

V. TECHNICAL REQUIREMENTS FOR B SCAN ULTRASOUND

1. Equipment Requirements

Ultrasound Machine

The system must support:

- Real-time 2D imaging mode (B-mode)
- Digital signal processing (DSP)

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- High-resolution grayscale imaging
- Frame rates typically 20–60 fps
- Adjustable gain, depth, focus, and dynamic range
- Image storage capability (DICOM or standard)

Processing Hardware

- Beamformer capable of line-by-line acquisition
- Scan converter to create 2D images
- Post-processing capabilities:
  - Edge enhancement
  - Speckle reduction
  - Dynamic range compression

2. Transducer (Probe) Requirements

B-scan uses pulse-echo ultrasound with specific probe features:

Probe Type

- Linear array (vascular, MSK, small parts)
- Curvilinear array (abdominal, OB/GYN)
- Phased array (cardiac, deep organs)
- Sector probe (ophthalmic B-scan)

Frequency

Depends on the application:

- 2–5 MHz → deep abdominal, obstetric
- 5–10 MHz → superficial structures
- 10–20 MHz → ophthalmic, dermatologic

Higher frequency = higher resolution, lower penetration.

Beam Characteristics

- Narrow elevational beam width
- Defined focal zone
- Adequate lateral and axial resolution
- Pulse length optimized for B-mode imaging

3. Software / System Settings Needed

Core B-mode Settings

- Gain
- Time-gain compensation (TGC)
- Depth control
- Focus position and number of focal zones

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- Dynamic range / compression
- Frame averaging (persistence)
- Speckle reduction filter

Image Orientation Requirements

- Correct probe orientation marker
- Anatomical orientation (longitudinal / transverse)

Scan Modes that Support B-scan

- Real-time 2D B-mode
- M-mode (optional, for motion)
- Color Doppler / PW Doppler (not required, but common)

4. Operational Requirements

Coupling Medium

- Ultrasound gel (acoustic interface)
- Water bath (if doing ophthalmic or research imaging)

Safety Requirements

- Low thermal index (TI)
- Low mechanical index (MI)
- Especially important in:
    - Ophthalmic B-scan
    - Fetal imaging

Operator Skill

- Knowledge of anatomical planes
- Ability to adjust gain, depth, and focus
- Proper probe handling and pressure

5. Optional but Useful Technical Features

- Harmonic imaging (improves clarity)
- Compound imaging (multidirectional beams)
- Elastography (for tissue stiffness)
- Needle enhancement (for guided procedures)
- High-depth penetration modes for obese patients

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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)	

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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 Equipment for the OPH department at Adichunchanagiri Hospital and Research Center, BG Nagara - 571448, Mandya (District)	
Total in Rs and in words –		

Cost related to Supply and Installation as per Items mentioned in the Compliance sheet for technical proposal.

SL No.	Descriptions	Qty.	Per Unit Rate	Total Amount
1	Lensometer	01		
2	Pentacum corneal topography	01		
3	Portable slit lamp	01		
4	Hand held Perkins tonometer	01		
5	Wide field Funds camera with FFA/AF B-Scan	01		
			Total in Rs.	
			GST % in Rs.	
			Grand Total in Rs.	

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