



SAST/CLPC/ACU-AIMS/214/2025-26

Date: 12-12-2025

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 Biomechanics lab Equipment's for the department of Physiotherapy at Adichunchanagiri Institute of Medical Sciences (AIMS), BG nagara - 571448, Mandya (D)** as per section I & II.

01	Name of the work	Procurement of Biomechanics lab Equipment's for the department of Physiotherapy at Adichunchanagiri Institute of Medical Sciences (AIMS), BG nagara - 571448, Mandya (D)
02	Last Date for Tender Submission	On or before 31.12.2025 before 5.30 PM

Section-1

Instructions to Tenderers

- 1) The Tenderer shall submit the bids (Technical & Financial bids) through the mail id: **clpchead@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 for Procurement of Biomechanics lab Equipment's for the department of Physiotherapy at Adichunchanagiri Institute of Medical Sciences (AIMS), BG nagara - 571448, Mandya (D)
 - ii) Tender Reference number.....[Insert Number]
 - iii) Address to "The HEAD, CLPC, Sri Adichunchanagiri Shikshana Trust, BGSCET Campus, Mahalakshmpuram, 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

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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 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

Section-2**Technical Specification**

SL. No	Particulars	Total Quantity in Nos.
I	Biomechanics Lab Equipment's	
1.	Postural Grid	1
2.	Gait Analyzer (Gait-on)	1
3.	Plumb Line with wall mounted stadiometer	1

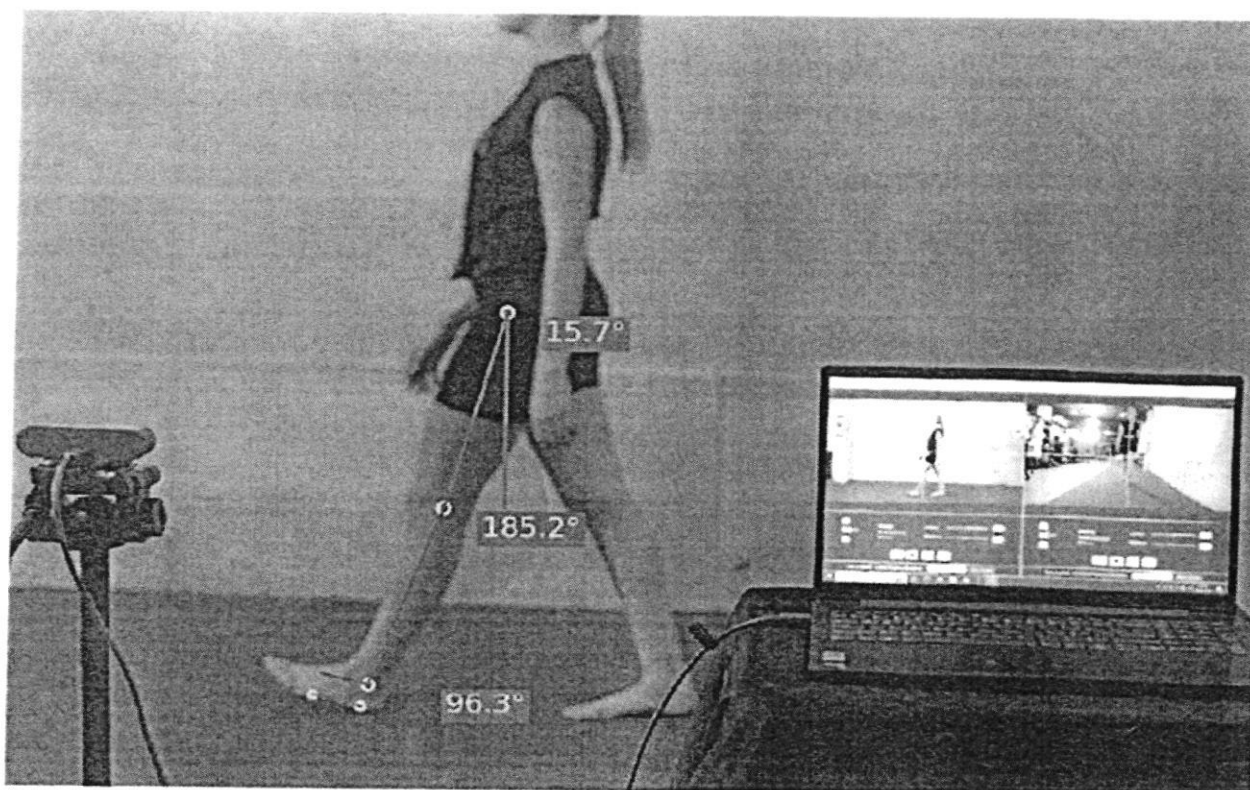
Technical Specification for Biomechanics Lab Equipment's.**01. Dynamic Partial Weight bearing System (Un weighing system) / Gait Analyzer (Gait-on)**

- This is a training device for simultaneous control of unweighting, posture and balance on a treadmill or firm surface. Systems providing dynamic unweighting are a perfect solution for training patients in a wide range of gait disorders. It helps to maintain proper posture, reduces load, eliminates balance problems and improves motor coordination training. Unique harnesses are designed for unit or bilateral support of the body as well as for a gradual level change from fully loaded to fully unloaded.
- It additionally provides Front, Back and Side walking in Lock condition.
- Allows patient freedom of full 360° rotation.
- Provided with unique adjustable dynamic support to maintain unweighting throughout the walking GAIT.
- Weight Capacity upto-270kg.
- Battery backup inbuilt.



02. Postural Assessment Grid

Sr. No.	Specification	Description / Requirement
1	Equipment Name	Postural Assessment Grid
2	Purpose	Used for visual assessment and analysis of patient posture in standing and sitting positions during physiotherapy evaluation.

**1. System Overview**

Gait ON is a 3D gait and motion analysis system used in physiotherapy, rehabilitation, orthopaedics, and sports science to assess human locomotion quantitatively.

2. Key Components

- **Hardware:**

- **Inertial Measurement Units (IMUs):** Wearable wireless sensors with 3D accelerometers, gyroscopes, and magnetometers.
- **Optional camera-based system:** For visual reference and synchronization.
- **Wireless connectivity:** Bluetooth or Wi-Fi for real-time data transmission.
- **Docking/charging station.**



- **Software:**

- Gait ON software platform for motion capture, real-time visualization, and data analysis.
- Cloud-based storage and report generation.
- Compatible with Windows PCs or tablets.

3. Measurement Parameters

- Spatiotemporal parameters: step length, stride length, cadence, walking speed, stance/swing time, gait cycle duration.

- Symmetry indices (left/right comparison).
- Postural and balance assessment (optional modules).

4. Technical Specifications

Feature	Specification
Sampling Rate	100–200 Hz (per sensor)
IMU Accuracy	$\pm 2^\circ$ (orientation)
Sensor Weight	< 25 g each
Communication	Bluetooth Low Energy / Wi-Fi
Battery Life	6–8 hours continuous use
Software Output	PDF/Excel reports, 3D visualization
Operating System	Windows 10 or later
Calibration Time	< 2 minutes

5. Applications

- Clinical gait assessment
- Rehabilitation monitoring
- Prosthetics and orthotics fitting
- Sports biomechanics
- Research and education

6. Certifications

- CE certified for medical use (varies by region)
- ISO 13485 compliant manufacturing



3	Construction	Rigid metal or aluminum frame structure with durable finish (powder-coated or anodized).
4	Frame Dimensions	Minimum size: 200 cm (height) × 100 cm (width) or equivalent.
5	Grid Type	Transparent acrylic / polycarbonate sheet or open frame with marked horizontal and vertical lines.
6	Grid Markings	Clearly visible contrasting color (preferably black on white or yellow on transparent background), with 5 cm × 5 cm or 10 cm × 10 cm grid lines.
7	Reference Lines	Central vertical and horizontal reference lines marked for alignment and postural symmetry assessment.
8	Base / Stand	Stable base with non-slip rubber feet or wall-mounting option; provision for floor-standing use.
9	Portability	Lightweight, easy to move or dismantle for transport.
10	Measurement Scales	Optional side rulers or graduated markings (in cm) for height reference.
11	Accessories	Spirit level or leveling bubble for proper alignment; optional mirror attachment.
12	Material Finish	Non-corrosive, easy to clean, and scratch-resistant surfaces.
13	Warranty	Minimum one (1) year standard warranty.
14	Compliance	Conforms to physiotherapy clinic safety and ergonomic standards.
15	Manufacturer / Make	To be specified by bidder.

03. Wall-mounted stadiometer with plumb line

- **Measurement Range:** 0 cm to 200 cm (or 0-2 m)
- **Accuracy:** ± 0.5 cm
- **Material:** Durable, rust-resistant aluminium or stainless steel frame; plastic or wooden scale
- **Scale Type:** Metric (cm)
- **Plumb Line:** High-visibility cord with weight for vertical alignment
- **Mounting:** Wall-mounted with screws and anchors; user-friendly installation
- **Reading Mechanism:** Manual, sliding pointer or indicator aligned with head level
Additional Features Smooth sliding indicator; clear scale markings; lightweight and compact
- **Usage:** Physiotherapy, growth monitoring, height measurement





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)	

[Signature]

**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	Total Cost for the Procurement of Biomechanics lab Equipment's for the department of Physiotherapy at Adichunchanagiri Institute of Medical Sciences (AIMS), BG nagara - 571448, Mandya (D)	
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	Particulars	Total Quantity In nos.	Unit Rate in Rs	Total Cost in Rs.
1	Postural Grid	1		
2	Gait Analyzer (Gait-on)	1		
3	Plumb Line with wall mounted stadiometer	1		
Total in Rs				
GST@ % in Rs.				
Grand Total Amount in Rs.				