



SAST/CLPC/ACU-AHRC/ 68 /2024-25

23-01-2025

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 Part time Task Trainers at BGS MCH Hospital, Nagarur** as per section I & II.

01	Name of the work	Procurement of Part time Task Trainers at BGS MCH Hospital, Nagarur
02	Last Date for Tender Submission	On or before 27.01.2025 before 5.30 PM

Section-1

Instructions to Tenderers

- 1) The Tenderer shall submit the bids (Technical & Financial bids) through the mail id: **clphead@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 Part time Task Trainers at BGS MCH Hospital, Nagarur.
 - 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:** As per the standards
- 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.
- 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- 9448270489.
- 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.
1.	Intra Venous (IV) Injection, IM, SC, ID injection trainers.	2
2.	Adult CPR trainer with AED trainer as per AHA guidelines	4
3.	Neonatal Resuscitation	4
4.	Interactive ECG simulator	1
5.	Urinary catheterization and Enema trainer - Male & Female	1
6.	Arthroscopy model for wrist, knee, and shoulder joint	1
7.	Anterior nasal packing and Airway management trainer	1
8.	Setting up Pediatrics Intraosseous line, Intravenous line	2
9.	Lumbar puncture and Epidural injection trainer	1
10.	Full body mannequins for Different routes of drug administration Like: IM, IV, SC, Spinal, Intra vaginal, per rectal etc...	Male - 03 Female - 02
11.	Upper limb mannequins for intra muscular, Intra Venus & Subcutaneous injections	Each 1

1. Intra Venous (IV) Injection, IM, SC, ID injection trainers.

Specifications

- **IV, IM, Sub-cutaneous and Intradermal training should be possible in the same limb**
- Realistic "pop" as needle enters vein
- Intramuscular injection site in deltoid area
- Squeeze bulb to increase or decrease venous pressure
- Simulation of Veins standing out or collapsing
- **Easily replaceable skin and veins** that withstand multiple needle sticks
- Administration of medication by intravenous bolus
- **Simulation of infusion technique**
- **Blood collection exercises with simulated blood**
- Simulation of clenched fist and tourniquet position

Venous Access for venipuncture required are:

- Basilic V, Cephalic V, Digital V, Dorsal Metacarpal V, Median Basilic V, Accessory Cephalic V, Extensive Venipuncture System with Flexible Fingers and Wrist

2. Adult CPR trainer with AED trainer as per AHA guidelines

Specifications

- Should **compile with AHA 2020 recommendations.**
- The manikin should **provide feedback on all 5 key points of CPR** that is depth,
 - chest recoil & rate of the compressions; interruption time and ventilation volume and chest compression fraction. Should be able to **connect to feedback devices wireless.**
- The manikin should be able to provide overall CPR performance score and performance de-briefing.
- Should provide **visual graphical and audio user-friendly feedback.**
- Should allow instructor to **monitor multiple students' performance at one time** through smartphones.
- Should have removable face skin and one additional face skin to be provided.
- Should have **one-way non-rebreathing lungs** and to be provided with one extra airways
- Should have nose, eyes, ear canal, articulating mandible to teach the students **C-E technique for mask holding.**
- Should be able to use AED
- **Should be able to attach ECG simulator and demonstrate various rhythms and deliver defibrillation shock and pacing**



- Should allow nose pinch technique for mouth-to-mouth resuscitation.
- Should have naturally obstructed and the **airway to be cleared only when head/tilt or jaw thrust is performed.**

3. Neonatal Resuscitation manikin

Specifications

- **Airway - mask ventilation**
- **Breathing- chest movement and auscultation of breath sounds**
- **Bag valve mask ventilation, ability to do BURP manoeuvre**
- **Intubation and ventilation**
- **Cardio Pulmonary Resuscitation with a audio visual feedback and should provide feedback on quality CPR by feedback devices**
- **Should be able to demonstrate back slaps and chest thrust methods to relieve choking**
- **ECG simulation**
- **Intravenous cannulation and IV Skin and Veins for replacement**
- **Gastrointestinal (GI) tube placement**
- **Intraosseous infusion**
- **Palpable manual pulse points in 7 locations**
- **Patent umbilicus for umbilical vein cannulation with venous and arterial access**
- **PICC site in arm**
- **Urinary catheterization to use with interchangeable genitalia.**

4. Interactive ECG simulator with monitor screen

Specifications

- **Defibrillation shock can be delivered through manikin or simulator**
- **Connect defibrillator/external pacer to simulator using adapters**
- **Built-in circuitry to allow defibrillation and pacing directly into the ECG simulator and observe ECG rhythms through the connector**
- **Along with a monitor connected by wireless and able to view the rhythms on monitor screen**
- **Convert feature**
- **Select another rhythm to run immediately after defib discharge**
- **Pacing can be done on any manufacturer's defibrillator**
- **Adult/Paediatric Rhythms**
- **Different Waveforms**
- **Battery saver feature powers-off simulator automatically when not in use**

5. Urinary catheterization and Enema trainer - Male & Female



Specifications

- The **"two-in-one" catheterization simulator** should be designed with interchangeable genitalia so students can practice and hone male and female catheterization skills.
- Interchangeable, realistic male organ & Interchangeable genitalia with connectors and reservoirs
- Fully functional stomas connected to removable, replaceable internal tanks
- Modular urethral valve to prevent fluid leakage
- Realistic articulation to enable proper positioning for procedures
- Bilateral thigh, dorsal gluteal and ventral gluteal **IM injections - if possible**
- **Rectal examination**
- **Urinary catheterization procedures**
- **Enema procedures**

6. Arthroscopy model for wrist, knee, and shoulder joint

Specifications

- An anatomical model with soft skin allows for a realistic palpation of landmarks, and movements such as abduction, adduction, flexion, traction, and rotation.
- Trainees practice shoulder navigation with a 15-point shoulder exam and subsequent therapeutic cases
- Learn to handle variety of shoulder pathologies including SLAP and Bankart lesions, PASTA tears, synovial membrane inflammations, impingements, and loose bodies.
- With rotator cuff repair module
- Withstand multiple procedures with replaceable structures
- Simulated procedures, covering the 3 major joints (shoulder, knee, and hip)

7. Anterior nasal packing and Airway management trainer

Specifications

- Should be able to perform **Anterior nasal packing**
- Should allow for placement of **oropharyngeal airway, Nasopharyngeal airway, Orotracheal intubation, Nasotracheal intubation, placement of Laryngeal mask airway, use of Video laryngoscope**
- To **practice bronchoscopy, fiberoptic intubation, one lung ventilation**
- Placement of **nasogastric tube**
- Should Allow for practice on correct suction and cuff inflation techniques
- Realistic head tilt, chin lift, jaw thrust technique **and Sellick maneuver instruction,**


BURP manouvre

- Be able to **practice C-E clamp technique** and BAG VALVE MASK ventilation with visual inspection of lung expansion
- Manual carotid pulse - if possible
- Bifurcated lungs
- Allows for **simulation of full stomach**

8. Setting up Pediatrics Intraosseous line, Intravenous line
Specifications

- Should be able to **teach intraosseous access and intravenous infusion.**
- Able to practice skills on femoral **vein/ artery pair and an intramuscular injection site - if possible**
- Intraosseous vascular access **with interchangeable, realistic tibial bones**
- Realistic "pop" as needle penetrates cortex and enters bone marrow
- **Blood return** upon successful entry in intravenous lines, and Infusion of fluid/medications by intravenous route
- **Easily replaceable skins and veins that withstand multiple needle sticks**

9. Lumbar puncture and Epidural injection trainer
Specifications

- The Skills Trainer should provide **realistic tactile feedback** combined with a fluid supply and pressure system, allowing the collection of CSF and measurement of opening pressure.
- Able to **perform lumbar puncture and epidural.**
- **Replaceable spinal cord inserts with other layers**
- Anatomic features as landmarks for identification of Spinal and epidural space.
- Needle insertion should be possible between vertebrae
- **Lifelike needle resistance, including pops** when needle traverses ligamentum flavum and dura
- **Self-healing skin with provision to withstand multiple needle sticks**
- **Ability to fill simulated CSF and set fluid pressure**, thereby allowing students to collect CSF and measure CSF opening pressure
- Pressure system with simple push-button operation to increase or decrease pressure
- **LED displays pressure set-point** ranging from low, medium, to high pressure
- **Practice procedure in the left lateral decubitus or sitting position**
- Trainer can be used to simulate aseptic technique and local anaesthetic at puncture site


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	Total Cost for the Procurement of Part time Task Trainers at BGS MCH Hospital, Nagarur	
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	Intra Venous (IV) Injection, IM, SC, ID injection trainers.	2		
2	Adult CPR trainer with AED trainer as per AHA guidelines	4		
3	Neonatal Resuscitation	4		
4	Interactive ECG simulator	1		
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6	Arthroscopy model for wrist, knee, and shoulder joint	1		
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8	Setting up Pediatrics Intraosseous line, Intravenous line	2		
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ADICHUNCHANAGIRI UNIVERSITY
(Estd. under Karnataka Act No. 18 of 2013)
B.G. Nagara - 571448

ADICHUNCHANAGIRI UNIVERSITY

10	Full body mannequins for Different routes of drug administration Like: IM, IV, SC, Spinal, Intra vaginal, per rectoral etc...	Male - 03 Female - 02		
11	Upper limb mannequins for intra muscular, Intra Venus & Subcutaneous injections	Each 1		
Total in Rs				
GST 18% in Rs.				
Grand Total Amount in Rs.				

Handwritten signature
28/1/28

HEAD, CLPC
SRI ADICHUNCHANAGIRI
SHIKSHANA TRUST
BANGALORE - 560086