



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's for the Department of General Medicine at Adichunchanagiri Hospital and Research Center, BG Nagara, Mandya (District) - 571448.** as per section I & II.

01	Name of the work	Procurement of Equipment's for the Department of General Medicine at Adichunchanagiri Hospital and Research Center, BG Nagara, Mandya (District) - 571448.
02	Last Date for Tender Submission	On or before 14.02.2025 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 Equipment's for the Department of General Medicine at Adichunchanagiri Hospital and Research Center, BG Nagara, Mandya (District) - 571448.
 - 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 | 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.
- 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

Equipment's for the Department of General Medicine List:

Sl No.	Equipment's Name	Qty	General Medicine Departments	Rate in Rs.
1	Transportation Ventilator	1	MICU	
2	Defibrillator	1	MICU	
3	BIPAP	2	Step Down ICU & Ward	
4	CPAP	2	MICU & Step-Down ICU	
5	DVT Pump with Bed	2	MICU, Step-Down ICU	
Total Amount				

I. Technical Specification for Transport Ventilator

- Basic machine should be light weight, compact, suitable for adult and pediatric ventilation.
- The system should be able to monitor following parameters.
Peak pressure, frequency, I/E ratio, Inspired Tv, Expired Tv, Airway Pressure Gauge
Inspiratory flow, Expiratory flow, Minute volume, Fi O₂, Battery status.
- Ventilator should operate from AC and from internal battery as well. The internal battery should take over the ventilator at least up to 8 hrs. During power failure.
- It should have a combination mode of pressure and volume to guarantee a minimum tidal volume while ensuring the Pressure Ventilation within safe limits.



- It should also have inverse ratio ventilation is pressure control or assist pressure control ventilation.
- Ventilator should also have inbuilt Fi O2 monitor.
- Should have reusable Flow Sensor.
- The system should be quoted with reusable patient circuit.
- The Unit should have Alarms for following
Mains Failure, Battery depleted, High/Low Pressure Leaks,
High/Low Exp Volume, High/Low Fi O2
Sensor Pressure, High Temperature and proximal Pressure.

II. Technical Specifications of Defibrillator

1. Biphasic, Manual and AED with voice prompt, compact and light weight
2. Energy selection 5J to 200J in steps.
3. Momentary energy selection access on front panel.
4. Should have adult and pediatric paddles integrated on same handle.
5. Momentary charge key on front panel and on the apex hand.
6. Monitor should display selected and delivered energy
7. Should have disarm facility.
8. Energy should be delivered within 30ms after the detected R wave in synchronization mode.
9. Charging time maximum 5 sec for 200J.
10. Should have battery backup for 50 discharges of 200J.
11. Should have ECG inputs through paddles or 3 lead cables.
12. Should have display for selected ECG input source (I, II, III, paddles)



13. Lead off message should appear with alert tone.
14. Amplitude gain of ECG waveform should be adjustable
15. Should have display for heart rate.
16. Should have alarm for high and low HR.
17. Should have an inbuilt thermal recorder.
18. Should have enable/disable option for printer.
19. Should supply 2 pairs of AED pads
20. Should operate on mains 230V, 50Hz
21. Should have safety certificate from a competent authority CE / FDA (US) / STQC CB certificate / STQC S certificate or valid detailed electrical and functional safety test report from ERTL. Copy of the certificate / test report shall be produced.

III. Technical Specification of Bi-Pap Machine

1. Non-Invasive Ventilator having invasive application capabilities for adult & Pediatric usage (above 13kgs).
2. It should be a light & compact device combining unique latest NIV features with simplicity in use.
3. Modes of Ventilation:
ST (Spontaneous/ Timed), PAC (Pressure Assisted Control),
CPAP (Continuous Positive Airway Pressure), S(Spontaneous),
T (Timed), Volume Assured Pressure Support (to ensure alveolar ventilation),AVAPS.
4. Should incorporate latest algorithms for leak compensation & Synchronization. Both should work together to provide control & flexibility to improve ventilation, comfort & sleep, better disease management, increased patient comfort & therapy acceptance (patients breathing " in sync" with their device.



5. It should have color screen for real time monitoring to provide essential information including simultaneously viewed flow & pressure curves, the Ti-bar graph to fine tune ventilation & FIO2 monitoring option.
6. The machine should have a choice of disease specific preset value defaults (for obstructive, restrictive, normal lung mechanics & obesity hypoventilation) based on commonly used clinical values to help the users for optimizing settings.
7. Should have built in internal battery for minimum 2 hours of backup time & also should have provision to add external battery.
8. Should include user adjustable alarms & essential non-adjustable, fixed alarms for patient's safety.
9. Should have oxygen inlet port to accept higher flow up to 30L/min of oxygen to achieve a high Fio2 with built in Fio2 monitoring.
10. It should be approved for use in invasive tracheotomy patients.
11. Data download capability- The usage & summary data for upto 365 treatment sessions & seven days of high resolution, breath by breath data(FIO2) should be stored in the device ; data can be downloaded via USB or Cable, using a data management PC application.
12. It should also provide patients reminders, such as filter & mask replacements.
13. The NIV should comply with following technical specification:
 - a. Pressure range: IPAP: 2-40cm H2O & EPAP:2-25 cm H2O.
 - b. Ti –control settings : Ti max 0.1- 4 sec & Ti min 0.1- Ti max .
 - c. Respiratory rate: 5-60bpm.
 - d. Rise time: min 150-900msec.
 - e. Trigger & cycle: min 5 sensitivity settings.
 - f. Adjustable alarms: High leak, low minute ventilation, high pressure, low pressure, low/high respiratory rate, apnea, low/high Fio2, low Spo2, Non-vented mask.



- g. Standard fixed alarms: circuit disconnected, over pressure, blocked tube, internal battery empty.
 - h. Weight: less than 3kgs.
 - i. Air filter: Electrostatic fiber mesh.
 - j. Air outlets: compatible with ISO 5356-1:2004.
 - k. Power supply: AC 100-240V, 50-60Hz.
 - l. Device DC input: 24v/3A.
14. Should be supplied with autoclavable patients circuit, oxygen connector, disposable full-face mask (small & medium) 1 each.
15. Company has to provide training to all the staff, as & when required.
16. Should be US FDA approved & European CE certified.



IV. Technical Specification of Continuous Positive Airway Pressure (CPAP)

Continuous Positive Airway Pressure (CPAP)	
1.	Should be light weight, easily portable, reliable and sturdy
2.	CPAP generator: <ul style="list-style-type: none">• Option of pressure setting from 3 to 12 cm H₂O• Should have a detachable overflow container• Should deliver the intended pressure constantly and accurately• Easy to clean/sterilize• The gradations (on the sliding rod) should be easily visible from distance of 6 feet.
3.	Air Oxygen Blender <ul style="list-style-type: none">• FiO₂ concentration should be adjustable (21-100%) and accurate
4.	Humidifier <ul style="list-style-type: none">• Should automatically regulate the required temperature• Should be a closed system for filling up water• Should have ports for heater wire as well as temperature probe• Should display the chamber temperature and temperature at the patient end.
5.	Patient circuits <ul style="list-style-type: none">• Should have the option of using both disposal and reusable circuits• Disposal circuits should be readily available and reasonably priced.• Should be able to accommodate a heater wire: heat loss should be minimal along its length.
6.	Battery back up <ul style="list-style-type: none">• Should have a battery back-up for at least 45-60 min.
7.	Safety Features <ul style="list-style-type: none">• Limiting the delivered pressure in the event of an occlusion
8.	Device is produced by ISO 9001 certified manufacturer
9.	Device is safety certified according CE93/42 FDA 510k or equivalent
Supplied with: -	
5 reusable / disposal to be included. Soft, Pliable nasal prongs- in at least 3 sizes (15 each)	



V. Technical Specification of DVT pump (Deep vein thrombosis).

- Sequential Compression at Ankle than calf than thigh with circumferential compression around the extremity.
- Gradient compression around off 45 mm Hg at the ankle/40 mmHg of calf/ 30 mmHg at high.
- Compression cycle of frequency is to be dependent on individual venous return to should be sensed by compression system itself provide animated alarm resolution where animated icons communicate the cause of alarm and remedies for alarm.
- Controller should have USB Port. Controller should have adjustable bed hook which attaches easily and securely to most footboards.
- Battery backup with heavy duties batteries
- Controller should have LCD Display
- Demonstration of machine is must.



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)	

[Handwritten 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 Equipment's for the Department of General Medicine at Adichunchanagiri Hospital and Research Center, BG Nagara, Mandya (District) - 571448.	
Total in Rs and in words -		

[Handwritten Signature]
4/2/25

HEAD, CLPC
SRI ADICHUNCHANAGIRI
SHIKSHANA TRUST
BANGALORE - 560085