



ACU/PS/AHRC-0900(6)/TN 317/2022-23

Date: 14.03.2023

TENDER NOTIFICATION

The Adichunchanagiri University invites **closed tenders** from eligible tenderers or Bonafide licensed manufacture or their authorized local supplier/dealer/distributor in the state of Karnataka for the procurement of **Bi-PAP machine with Mask** as per section I & II.

1	Name of the work	Supply and Installation of Bi-PAP machine with Mask to Adichunchanagiri Hospital & Research Centre, BG Nagara
2	Last date and time for receipt of tender	On or Before 20.03.2023 up to 05:00 PM

Sl. No.	Name of the work
1	Supply and Installation of Bi-PAP machine with Mask (as per Specification)

SECTION -I

Specification		
Detailed Specification for supply and installation of Bi-PAP machine with Mask		
Sl no	Description	Qty.
1	Bi-PAP machine	4 nos.
2	Mask (Small & Medium Size)	3 Nos. each

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.
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 colour screen for real time monitoring to provide essential information including simultaneously viewed flow & pressure curves, the Ti-bar graph to fine tune ventilation & SPO2 & 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 optimising 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 patients 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 (including SPO2 & 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. Air filter
 - i. Air outlets: compatible with ISO 5356-1:2004.
 - j. Power supply: AC 100-240V, 50-60Hz.
 - k. Device DC input: 24v/3A.
14. It should meet IEC 60601-1 classification, Class II (double insulation), type BF continuous operation.
15. Should be supplied with autoclavable /ETO patients circuit, oxygen connector, disposable full face mask (small & medium) 1 each.
16. Company has to provide training to all the staff, as & when required.
17. Should be US FDA approved & European CE certified.

SECTION -II

Instruction to Tenderers

- The Tenderer shall send quotes in 2 bid formats on the company letter heads (Technical and Financial bids sealed separately inside the main envelope for any or all list of items). The inner and outer sealed cover must bear the following identification
 1. Tender for[name of service | Contract]
 2. Tender Reference No.....[insert number]
 3. Address to “The Registrar, Adichunchanagiri University, B.G. Nagara -571448, Nagamangala (T), Mandya (D)”
 4. The tenderer who prefers to submit the tender through Post can dispatch the same through Registered Post / Speed Post or Courier so 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, ACU BG-Nagara will not be liable or responsible for the same.
- **Tender Currency:** Prices shall be quoted in Indian Rupees Only
- **AMC/CMC** is subject to the Adichunchanagiri University’s norms.
- **Warranty: 02 years required.**
- **Amendment of Tender Documents:** At any time prior to the deadline for submission of tenders, the University may, for any reason, whether at its own initiative or otherwise, modify the tender documents by amendment. Adichunchanagiri University reserves all the rights to accept, reject, incorporate changes and re-tender without giving any reasons.
- **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 company contact details with email ID on the main envelope cover for further correspondence.
- **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 other taxes already paid or payable. Any Indian duties, sales and other taxes which will be payable on the goods if this Contract is awarded. Conditional tenders will not be considered.
- **Validity of the Bid:** 90 Days from the last date of submission of bid
- **Corrupt or Fraudulent practices:** The Adichunchanagiri University requires that the Tenderers, observe the highest standard of ethics during the procurement and execution of such contracts. In pursuance of this policy:

1. will reject a proposal for award if it determines that the Tenderer recommended for award has engaged in corrupt or fraudulent practices in competing for the contract in question;
 2. will declare a firm ineligible, either indefinitely or for a stated period of time, to be awarded a university contract if it at any time determines that the firm has engaged in corrupt or fraudulent practices in competing for, or in executing, a University contract.
- **Process to be confidential:** Information relating to the examination, clarification, evaluation, and comparison of Tenders and recommendations for the award of a contract shall 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 the rejection of his Tender.
 - **Clarification of Tenders:** To assist in the examination, evaluation, and comparison of Tenders, the Employer may, at his discretion, ask any Tenderer for clarification of his Tender, including breakdowns of unit rates. The request for clarification and the response shall be in 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 Employer in the evaluation of the tenders.

Delivery: The successful BIDDER should commence the services as per tender document/Work or Purchase Order.

For any queries/ assistance, please write to registrar@acu.edu.in |
acu.purchase@acu.edu.in or telephone to purchase section +91 -8147808730


Head of Procurement
Adichunchanagiri University
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