

## EVALUATION REPORT

**Tender for fixing rate contract for supply and installation of  
CPAP Machine with Bubble CPAP Kit and BIPAP to various Govt.  
Institutions**

Tender ref. No. 587/NIV/RC/TNMSC/ENGG/2020, Dt. 31.07.2020

SI No	Name of the Bidder	Technical Evaluation Report	Commercial Evaluation Report	Reason for rejection
<b>1. CPAP MACHINE WITH BUBBLE CPAP KIT</b>				
1	M/s. Phoenix Medical Systems Pvt. Ltd. <b>Make:</b> Own <b>Model:</b> nCPAP300	Responsive	Responsive	Nil
2	M/s. Nice Neotech Medical Systems Pvt. Ltd. <b>Make:</b> Own <b>Model:</b> Nice 5060	Non-Responsive	Responsive	As per the Specialist report, the following parameters of technical specification are not met by the quoted model :-  1. Max pressure settable is 0-10 CmH <sub>2</sub> O instead of 0 to 15 CmH <sub>2</sub> O 2. For Flow: Resolution of 0.1 LPM is not shown. 3. Should be displayed as a bargraph (This may be quoted as optional) 4. Air input fail and Oxygen input fail 5. PEEP should be sensed as close to the delivery point as possible. 6. Should be compatible with Flow driver CPAP
3	M/s. Fanem Medical Devices India Pvt. Ltd. <b>Make:</b> Own <b>Model:</b> Babypap 1150S	Non-Responsive	Responsive	As per the Specialist report, the following parameters of technical specification are not met by the quoted model:-  1. The measured pressure, high and low pressure limits and Infant breathing indication are not shown in LCD based graphic display 2. Accuracy of $\pm 3\%$ instead of $\pm 2\%$ 3. Should have a resolution of 1% for Oxygen 4. Should have accuracy and resolution with respect to pressure of $\pm 1\text{cm H}_2\text{O}$ 5. Max pressure settable is 0-17 CmH <sub>2</sub> O instead of 0 to 15 CmH <sub>2</sub> O 6. For Pressure: Should be displayed as a bargraph (This may be quoted as optional)

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				7. For Flow: Resolution of 0.1 LPM 8. Should be displayed as a bargraph (This may be quoted as optional) 9. The following alarm functions are not complied with tender specification: Apnea alarm for 5 to 25 secs, Air input fail, Oxygen input fail, Mute-alarm indication, Battery low and Power failure 10. Should be able to set alarm automatically by press of a single key 11. Should have visual indicator for alarm on the top of the head unit 12. PEEP should be sensed as close to the delivery point as possible 13. The unit should work on 230V direct supply and on battery for at least 1 hour. 14. Compatibility with Flow driver CPAP
<b>2. BIPAP</b>				
1	M/s. Resmed India Pvt. Ltd. <b>Make:</b> Own <b>Model:</b> Stellar 100	Responsive	Responsive	Nil
2	M/s. Hitwin Healthcare Pvt. Ltd. <b>Make:</b> Breas Medical AB <b>Model:</b> Vivo 3	Non-Responsive	Responsive	As per the Specialist report, the following parameters of technical specification are not met by the quoted model:-  1. Vsync and TiControl 2. Integrated FiO2 3. Sealed Silicon filter 4. Synchronisation Ti bar graph facilities convenient monitoring of ventilator – patient synchronization 4. Cant able to monitor FiO2 5. IPAP: 4 to 40 cms of water instead of the tender specification of 2-40 cm of water 6. EPAP/PEEP: 2 to 20 cm of water instead of 2 to 25 7. Pressure support: 0-30 instead of 0-38 8. Respiratory rate: 0-40 instead of 5-60 bpm 9. Ti max: 0.3-3 sec instead of 0.1-4 sec 10. Ti min: 0.3-3 sec instead of 0.1 to Timax 11. Rise time, Fall time and Trigger and cycle sensitivity