

**SPECIFICATIONS OF BIPAP MASK VENTILATOR WELL
CUSHIONED FACE MASK WITH HARNESS**

1. Non-invasive ventilation support system to ensure proper ventilation to COPD patients.
2. It should be suitable for Adult and Paediatric patients.
3. Modes of operation: CPAP, Spontaneous, S/T, Time Mode & Pressure Control.
4. It should have display to monitoring facility for Tidal Volume, RR, Minute ventilation, I: E ratio.
5. Operating pressure range of IPAP, EPAP & CPAP : 4 to 30 cm H₂O
6. Unit should be capable of delivering Tidal Volume up to 1500 ml when operated in AVAPS or equivalent mode.
7. Breath rate should be able to set up to 30 BPM with Ti of 0.3 to 3 sec. and rise time 100ms to 600ms.
8. Sensitivity settings: should have trigger and cycle setting.
9. Unit should have integrated alarm for power, Pressure (High/Low), Low Minute ventilation, Apnea, Respiratory rate (High/Low), Circuit disconnected etc. With digital technology for improved leak compensation during inspiration & exhalation.
10. Complete unit should be supplied in good quality bag which can carry at least one patient circuit and one mask along with equipment.
11. Unit should be European CE or FDA approved & manufacturer / supplier should be ISO 9001 certified.
12. Unit should be supplied with reusable patient circuit and reusable full face mask with harness Adult & Paediatric (1 no. each), operational / training manual (1 no.).
13. The company should mention the make & model name/number of the quoted equipment and submit the technical brochure of the quoted model in the Technical bid along with compliance sheet as per technical specifications.
14. Installation will be done by supplier free of cost.
15. Demonstration of Equipment is must for final approval.
16. Company should have Service Network in Rajasthan.
17. Guarantee: Three years from the date of installation.
18. CMC: CMC shall be given @ 5% of net rate (inclusive of Excise Duty & exclusive of VAT/CST etc.) plus service tax (as applicable) and yearly escalation of 5 % on last year's CMC price. The CMC may be awarded for five years (on yearly basis) after Guarantee period of three years.



**Executive Director (EPM)
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