

PRICE BID FOR PAEDIATRICS DEPARTMENT EQUIPMENTS

Earnest Money Rs..... /- enclosed
NSC/FDR/CDR No.

Security money 10% of the cost as
of the article.

Department - Paediatrics

Sl.No.	Name of the article & Technical Specific	Cost of the article per unit
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Specifications for Stand-alone high frequency ventilator

- 1) Birth weight operation range: As low as 500 grams to as high as 35 kg
- 2) Should be compatible with the Nitric oxide delivery system and the necessary connectors/adaptors/tubing and any other accessories required should be provided (quote price optionally)
- 3) Settings:
 - a) FiO₂: 21-100%
 - b) Frequency: 3-15 Hz
 - c) Tidal volume : 1 ml to 180 ml
 - d) Oscillatory Pressure: up to 45 cm H₂O
 - e) Mean airway pressure: 3 - 45 cm H₂O
 - f) Amplitude (delta-P): >90 cm H₂O
- 4) Display: Mean Airway Pressure; Oscillatory Pressure amplitude, % inspiratory time, frequency, piston displacement and bias flow
- 5) Alarms:
 - a) High and low mean airway pressure
 - b) Oscillator overheated
 - c) Oscillator stopped
 - d) Power failure
 - e) Source gas flow low
 - f) Battery low
- 6) The unit should have a FDA/European CE Approved air compressor that can support high gas flow requirements of high frequency oscillation and should have connections online to automatically switch on when the piped central air supply pressure drops below the recommended limit
- 7) Integrated battery back up/suitable UPS of at least 30 minutes for a continuous functioning of the ventilator and compressor in case of power shut down.
- 8) **Power supply:** 220-240 V and 50-60 MHz
- 9) The equipment should come with an unconditional warranty of 5 years from the date of satisfactory installation and comprehensive maintenance contract as per government norms (minimum 5 yrs) after the end of the warranty.
- 10) Rates of the chargeable accessories should be quoted for the total period 5 years (warranty) to be frozen for this period and CMC charges and accessories & its price required to maintain the machine after warranty should be mentioned separately.
- 11) The firm should agree for periodic regular replacement of oxygen cells, filters during warranty (Free of Cost) and CMC
- 12) Firm should agree for up gradation of software free of cost during the warranty period
- 13) Essential accessories to be supplied with the initial equipment supply:
 - a) Special HFO ventilator circuits suitable for high frequency oscillations – 5circuits.
 - b) The unit should be supplied with stand alone heated humidifiers (1 no.) which can servo control the temperature and humidity based on the patient end temperature and gas flow rate in the circuit and of the latest model with temperature display for set as well as measured temperature and complete with all accessories (one each) to make it operational.
 - c) The compressor with European CE/FDA certification
- 14) Quoted model should US FDA / European CE approved.


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1-SHOUTABLEUPS/CVT

2-Warranty/CMCDATEDONINTALLATION5YEARS.

Signature of Tenderer

Signature of Witness:

Name:

Full address:

Name of the Tenderer:

Address of Firm

With stamp