

Department of Pulmonary Medicine & Sleep Disorders
All-India Institute of Medical Sciences
Ansari Nagar, New Delhi-29.

Ref. No.07/Stores/PM&SD/RG/Proprietary/2012-13/PM&SD

Dated: 29 January 2013

Subject: Purchase of equipment High Frequency Oscillator Ventilator (HFOV) – 02 Nos. for the department of Pulmonary Medicine & Sleep Disorders at AIIMS, New Delhi-29 on proprietary basis- **Inviting comments thereon.**

The request received from Dr. Randeep Guleria, Deptt. of Pulmonary Medicine & Sleep Disorders, AIIMS for the purchase of subject cited equipment from M/s. Care Fusion, USA on proprietary basis. The proposal submitted by M/s. Rohanika Electronics & Medical System, New Delhi and PAC certifications are attached.

The above documents are being uploaded for open information to submit objections, comments, if any, from any manufacturer regarding proprietary nature of the equipment/item within 15 days from the date of issue/uploading of the notification giving reference 07/Stores/PM&SD/RG/Proprietary/2012-13/PM&SD. The comments should be sent to Stores Officer (PM&SD), Research Section at AIIMS on or before **15.02.2013 upto 12.30 p.m.**, failing which it will be presumed that any other vendor is having no comment to offer and case will be decided on merits.

Yours faithfully,

STORES OFFICER (PM&SD)

Encl: Related documents enclosed.

- 1. PAC Certificate enclosed.**
- 2. Specification of equipment.**

Computer facility: with request for uploading the same in AIIMS websites for the period of 15 days

Specification of High Frequency Oscillator Ventilator (HFOV) QUANTITY: 02

- Electronically controlled high frequency ventilator for patients > 35 kg with following specifications:-

Frequency : 3 - 15Hz (180-900 bpm)

Bias Flow : 0-40 L/min

Amplitude : 7-130 cm H₂O

% Insp. Time : 30 to 50%

Mean airway pressure : 5-45cm H₂O

- Pressure Measurement

Range : ± 125 cm H₂O

- Monitoring & Indications of at least the following parameters

- Mean airway pressure
- Amplitude
- % Inspiratory time
- Frequency
- Bias flow
- Piston position & Displacement
- Each of the ventilator must be supplied with following accessories:
 - Humidifier: Servo controlled humidifier with 2 chambers
 - Air / O₂ blender with air and oxygen hoses-1 each.
 - 20 nos of High frequency patient circuits and the individual price of the circuit may also be quoted for repurchase at later date.
 - UPS for one hour power back-up (1 Kv)
 - Operation Manual and training material must be supplied.
- Should be quoted with comprehensive warranty for five years, including accessories spares and battery.



CareFusion

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Tel : 800.231.2466 Fax: 714.283.8473

To Whom It May Concern

SensorMedics brand is wholly owned & exclusively licensed the patents for the technology that is used in the SensorMedics 3100A and the 3100B to CareFusion Inc, USA. Additionally, both ventilators have expanded patent protection based on intellectual property including **active exhalation** developed by SensorMedics' engineering personnel. Access to any of these patents has never been licensed to any other entity.

No other ventilator uses the technology in either the SensorMedics 3100A or 3100B and therefore cannot deliver the same performance characteristics of these ventilators. This access limitation of other high frequency ventilators results in their inability to produce square wave oscillations and prevents them from producing the multiple harmonics that have been demonstrated to be beneficial for patients and is only available in our ventilators.

Further, 3100B is the only ventilator that is HFOV and is US FDA approved and is the only one to the best of our knowledge suitable for High Frequency Oscillations to be delivered with no limit of body weights.

If you have any further questions, please do not hesitate to contact me.

Yours Faithfully

A handwritten signature in black ink, appearing to be "D. King".

Area Manager
CareFusion 211 Inc.

Date : July 09,2012

