

Amended Prequalifying Prerequisites, are

1. Vendor should submit authorization from the equipment manufacturer.
2. Vendor shall provide the name, address and contact details of the customers to whom offered item / similar items has been supplied in the past.
3. BHEL may ask the vendor to arrange satisfactory performance certificate of the equipment from his customer.

AS
19/11/13

3

SPECIFICATION FOR ANAESTHESIA VENTILATOR WITH PRESSURE ALARM MONITOR

Purpose / Use : The unit is required to provide artificial ventilation to patients under anaesthesia.

BROAD SPECIFICATIONS

It should be electronic integrated, mains (AC 200 – 260 volt, 50 – 60 Hz) operated anaesthesia ventilator.

Both Adult & Peadiatric bellows attachment should be quoted.

It should have direct settings for

- a) Minute Volume – 2 -30 L / m
- b) Breathing Rate – 6 – 40 Breaths / m
- c) I:E variable from 1:1 to 1:4

Sigh function should be available

Should have manual cycle switch.

Should have audio visual alarms for

- b) Ventilator Failure
- c) Set Volume not delivered
- d) Low oxygen supply pressure alarm
- e) Low air way pressure alarm
- f) Actual I:E less than dial settings
- g) Audible continuous alarm for power failure

Tidal volume : 10 – 1600 ml

- a) 300 to 1600 ml (Adult bellows)
- b) Upto 300 ml (Peadiatric bellows)

Maximum Patient Circuit Pressure – 0-80 cm of water

Pop off valve for occlusion / blockage / kinking

Should be quoted with UPS / chargeable battery of suitable rating for uninterrupted function in the event of power supply failure.

2/15/2017

TERMS & CONDITIONS

The units is to be installed & commissioned at Main Hospital, BHEL, Haridwar at the cost & responsibility of the supplier.

Test & Guarantee certificate for a minimum of one year from the date of installation.

Commercial terms and conditions – as per annexure.

DR. R.K. GUPTA

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