



Notice Inviting e-Tender

West Bengal Medical Services Corporation Limited
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Supply & Commissioning of Medical equipment for setting up/augmentation of Critical Care Unit (CCU) / High Dependency Unit (HDU), Paediatric Intensive Care Unit (PICU), Neonatal Intensive Care Unit (NICU) facilities at COVID Hospitals of the State of West Bengal.
(Submission of Bid through *online*)

Bid Reference No.: WBMSCL /NIT- 208/2021

Dated –24.06.2021

The following amendment has been made in the tender document,

Amendment – IX

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11. PERFORMANCE SECURITY:

- 11.1 Within 14 days of receipt of the AOC from WBMSCL, the successful Tenderer, if required, shall furnish the Performance Security in full or in parts in the event of a staggered supply as decided by WBMSCL as per table 6, Performance Security (PS) at Section I: Instructions to Tenderers under sub-section A. Important information at a glance for an amount of 3% of the Contract Price (bid value)in full or in parts, valid up to 60 days after the date of completion of all contractual obligations, till the last date of warranty obligations.

Amendment – X

Updated revised specifications of Bi-PAP Machine (with NIV Mask)

In order to accommodate more number of bidders to participate in the tender, few specifications point have further been relaxed (highlighted in yellow)

1. Modes of Operation:

- 1.1 Spontaneous
- 1.2 CPAP
- 1.3 BI-LEVEL
- 1.4 Variable (10-40 breath per minute) apnea backup
- 1.5 During changing from one mode to the other, the machine should not be switched off.
- 1.6 All its parts are to be considered as non-consumables and should be supplied free of cost during warranty and CMC
- 1.7 Should have facility for attachable/inbuilt temperature controlled Humidifier. The bidder should supply with attachable/inbuilt temperature controlled Humidifier with the equipment.
- 1.8 Ventilator circuit for paediatric -05 nos.; The Paediatric circuit should come with inbuilt heated wire
- 1.9 Nasal mask for infants, Full Face Mask for paediatric and adult - 05 nos. each; full face mask and nasal mask should have adequate cushion to avoid facial injury.

2. Product Feature:

- 2.1 Simplified standard setting menu
- 2.2 Automatic Leak management
- 2.3 Automatic / Adjustable Breath trigger / cycle
- 2.4 Noiseless flow generator of less than 30Db

3. Technical Specification:

3.1 Performance:

- 3.1.1 Operating pressure range: 4 to 25 cm H₂O
- 3.1.2 Maximum single fault pressure: 40 cm H₂O

3.2 Dynamic pressure characteristics:

3.2.1 S mode: IPAP: 2 to 25 cm H₂O or wider; EPAP: 4 to 20 cm H₂O or wider

3.2.2 CPAP mode: 4 to 20 cm H₂O or wider

3.2.3 S/TD mode (with back up breath and also Ti)

3.3 Sound pressure level:

- 3.3.1 < 30 dB with certification

3.4 Display:

- 3.4.1 Leak
- 3.4.2 Pressure
 - 3.4.2.1 IPAP
 - 3.4.2.2 EPAP

- 3.4.3 Respiratory Rate
- 3.4.4 Minute / Tidal Volume
- 3.5 Power Supply:**
 - 3.5.1 220 – 240 V AC, 50 – 60 Hz
 - 3.5.2 Battery Back-up (integrated / external) for minimum 1 hour for 30% of the tendered quantity (Bidder should include cost of battery backup for 30 units in the quoted rate)
- 3.6 Environmental condition:**
 - 3.6.1 Operating Temperature – 5 – 40°C
 - 3.6.2 Humidity – 10 – 95%
- 3.7 Air Filter:**
 - 3.7.1 Washable air filter
 - 3.7.2 Filter to be changed whenever needed without disturbance to compressor
- 3.8 Electromagnetic Compatibility:**
 - 3.8.1 Shall meet IEC – 60601 – 1 – 2:2001 (or equivalent BIS) general requirements of safety for electromagnetic compatibility
- 3.9 It should be US FDA or CE (“Conformite Europeene”) from European Union notified body having 4 digit identification number approved or BIS (Certificate to be submitted).
- 3.10 Warranty for 2 years and CMC for 5 years.

Note: Supplier should arrange for stand by machine in case the equipment is taken to the service centre for repair and calibration.