



Notice Inviting e-Tender

West Bengal Medical Services Corporation Limited
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Kolkata-700091

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SUPPLY AND COMMISSIONING OF MEDICAL EQUIPMENTS (SET-III) FOR TRAUMA CARE
FACILITY FOR THE HOSPITALS AND MEDICAL COLLEGES OF THE GOVT. OF WEST
BENGAL

(Submission of Bid through *online*)

Bid Reference No.: WBMSCL /NIT- 21/2017

Dated – 26.04.2017

The following amendments have been made in the tender document. The changes are highlighted in yellow in the document below,

Amendment – IX

Revised technical specifications for Ventilator

1. To serve adult & pediatric age group patients.
2. The ventilator should be compressor / turbine driven. It should have integrated US FDA and European CE ("Conformité Européene") approved Compressor / turbine.
3. Provision for running with compressed air supply with separate air inlet port. In absence or low pressure of air supply, ventilator should be run by compressor.
4. Hinged arm holder for holding.
5. Inbuilt Monitoring Screen (10 inches or more).

6. Automatic Compliance & Leakage compensation for circuit and artificial airway.

7. Following settings for all age groups

- a. Tidal volume –30 ml to 2000ml (and beyond both limits)
- b. Pressure (Insp) – upto 60 cm H₂O or more.
- c. Respiratory Rate – upto 80 breaths per minute or more.
- d. PEEP –upto 40 cm of H₂O or more.
- e. FiO₂ 21 to 100%.
- f. Pause time – 0-30% or equivalent time in seconds of breath cycle time.
- g. Flow trigger with or without pressure triggering.
- h. Peak Flow up to 140 LPM or more (either set directly or indirectly).

8. Monitoring of the following parameters

- a. Airway Pressure (Peak, Plateau & Mean)
- b. Tidal Volume (Mandatory:- Inspiratory & Expiratory, Desirable:- Spontaneous)
- c. Minute Volume (Inspiratory, Expiratory & Spontaneous)
- d. Total Frequency of breaths & I:E ration
- e. Alarms for all measured & monitored parameters

9. Modes of Ventilation

- a. Volume Controlled Ventilation
 - i. Assist / Controlled / SIMV
- b. Pressure Controlled
 - i. Assist / Controlled / SIMV
- c. CPAP/PSV
- d. Provision of future upgradation to the following modes: Pressure Regulated Volume Control (PRVC) / Proportional assist Ventilation / Volume assured pressure support / Volume support / Adaptive support ventilation / Airway Pressure Release Ventilation (APRV) / Bilevel / Noninvasive (or equivalents) - Bidder should quote the rates for available upgradation separately in **Form 9 (c)**.

10. Apnea / Back-up ventilation: - Volume and/ or pressure controlled in user friendly manner

11. Alarm for

- a. Airway Pressure
- b. High continuous Pressure
- c. FiO₂
- d. Expired minute volume
- e. Apnea
- f. End expiratory pressure
- g. Respiratory rate
- h. Gas Failure
- i. Battery

12. Preferably Automatic Patient Detection facility.

13. Battery Back-up for minimum 1 hour (including compressor).

14. System Configuration Accessories, Spares & Consumables

- a. ICU Ventilator – 1

- b. Adult & Pediatric reusable silicon breathing circuit – 02 each
- c. US FDA and European CE ("Conformité Européene") approved Heated Humidifier – 01
- d. US FDA and European CE ("Conformité Européene") approved Inbuilt / integrated nebulizer – 01.

15. Environmental Factor

- a. The Unit shall be capable of being stored continuously in ambient temperature of 0 – 50°C & relative humidity of 15 – 90%
- b. Shall Meet IEC – 60601 – 1 – 2:2001 (or Equivalent BIS) general requirements of safety for electromagnetic compatibility.
- c. Shall be capable of operating continuously in ambient temperature of 10 – 40°C and relative humidity of 15 – 90%.
- d. All sensors and other non-consumable items (other than reusable silicon ventilator circuits) should be free of cost during warranty and CMC.

16. Power Supply

- a. Power input should be 220 – 240 V AC, 50Hz.
- b. Resettable over current breaker shall be fitted for protection.
- c. Suitable online UPS with commensurate capacity for all ventilators including compressor supplied in each CCU with maintenance free batteries for minimum one hour back-up should be supplied.

17. Standards, safety and training

- a. Should be US FDA and European CE ("Conformité Européene") .
- b. Certified to be compliant with ISO-7767 (or equivalent) for Oxygen monitoring.
- c. Demonstration of quoted equipment model is a must.
- d. The successful bidder will have to setup its own service center in West Bengal and submit proper documents in support within 15 days of received of AOC (Award of Contract). The manufacturer will also have to setup their regional office in West Bengal.
- e. The service provider should have the necessary equipment recommended by the manufacturer to carry out preventive maintenance test as per guidelines provided in the service/maintenance manual.
- f. Warranty for 2 years and CMC for 5 years

18. Documentation

- a. Certificate of calibration and inspection from factory.
- b. List of equipment available for providing calibration and routine maintenance support as per manufacturer documentation in service / technical manual.
- c. User manual in English.
- d. Service manual in English.
- e. Log Book with instructions for daily, weekly, monthly and quarterly maintenance checklist. The job description of the hospital technician and company engineer should be clearly spelt out.
- f. List of important spare parts and accessories with their part number and costing.

- g.** Compliance report to be submitted in a tabulated and point wise manner clearly mentioning the page/Para number of original catalogue/data sheet. Any point, if not substantiated with authenticated catalogue/manual, will not be considered.
- h.** The bidders should submit a declaration from the original equipment manufacturer (OEM) that the quoted model is in line of production and it is not obsolete and availability of spare parts and accessories will be ensured for next 10 years.

NOTE:

- 1)** Reusable consumables (other than reusable silicon ventilator circuits) should last during the warranty period.
- 2)** In case any additional reusable consumables are required during the warranty period those will be supplied free of charge by the supplier.
- 3)** The life expectancy of the reusable consumable is expected to be of at least one year from the date of purchase of the same. The reusable consumables will be procured at the prices accepted as per the contract.
- 4)** Any reference to brand / product in case it occurs anywhere in the technical specification is purely for indicative/illustrative purposes and should be read as including its equivalent.
- 5)** The product quality requirement in this ICB will be European CE ("Conformité Européene") and US FDA.
- 6)** Unless specified otherwise in the Technical Specifications, all offers should include UPS unit or battery backup of at least one hour, as the case may be, with each equipment.
- 7)** Offered product catalogue to be attached in original (2 in nos.) with each bid.
- 8)** Attach valid quality certification document(s); no self-certifications admissible.
- 9)** Quality Management System in conformity with ISO 1901:2008 where specified.
- 10)** Product quality standard (European CE ("Conformité Européene") and US FDA) to be supported by authentic documents; Warranty, its scope and service facilities to be clearly indicated in the documents.
- 11)** One CD/DVD of demonstration video must be supplied with the equipment for end users.
- 12)** One CD/DVD of demonstration video must be submitted along with the bid.

Amendment – X

Section I: Instructions to Tenderers

A. Important information at a glance

(The item suffixed by “E” in bracket indicates Eligibility Criteria for a bidder)

2. Earnest Money Deposit (EMD) (E)

SCHEDULE	ITEM	AMOUNT IN INR	MODE OF PAYMENT
Schedule-III	Ventilator	12,00,000.00	Offline through BG(In the form of BG as per format given in Form: 5 valid for 180 days)

Amendment – XI

Form 8: Statement of Breakup of Duties and Taxes

Sl. No.	Particulars	Percentage	Price (In INR)
1	Basic Price of equipment including value of goods, accessories & ancillaries, freight charges, installation, commissioning, end user training as many number of times as required during the period of warranty and any other charges as applicable excluding GST		
2	GST		
Gross Price			

Amendment – XII

Read Clause 35 (marked in red below) at Page No. 13: Submission and Opening of Bids

iii) **BID – C [Bill of Quantity (BOQ), the Statement of Breakup of Duties and Taxes and Cost of Consumables & Spares]**

BOQ shall contain the financial quotes in respect of (a) **Gross Price of Equipment (b) Comprehensive Maintenance Contract (CMC) charges.**

- (a) **Gross Price of Equipment (GP):** includes value of goods, accessories & ancillaries and taxes, duties, freight charges, insurance, installation, commissioning, end user training as many number of times as required during the period of warranty and any other charges as applicable. **Entry tax @ 1% should also be considered in the Gross Price.**

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iii) **BID – C [Bill of Quantity (BOQ), the Statement of Breakup of Duties and Taxes and Cost of Consumables & Spares]**

BOQ shall contain the financial quotes in respect of (a) **Basic Price of Equipment (b) Comprehensive Maintenance Contract (CMC) charges.**

- (a) **Basic Price of Equipment (BP):** Basic Price of Equipment(s) includes value of goods, warranty for 2 years, accessories & ancillaries, other charges (e.g. freight charges upto the consignee location, insurance etc), installation , commissioning , end user training as many numbers as may be required during the period of warranty but excluding applicable tax (es).

Amendment – XIII

Read Clause 15 (marked in red below) at Page No. 23: Section II. General Conditions of Contract

15. **BLACKLISTING:**

Any bidder / tenderer or its manufacturing agency currently blacklisted by any Government agency in India, is not eligible to participate.

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15.BLACKLISTING:

Any manufacturer / its subsidiary which has been blacklisted by any Government Department/ Agency in India during the last five years, would not be eligible to participate in the tender.

Amendment – XIV

Read Clause Form 1 (marked in red below) at Page No. 57: **Section V. Bidding Forms**

g) We are not currently blacklisted by any Government agency in India.

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We have never been blacklisted by any Government Department/ Agency in India during the last 5 years.



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SCHEDULE – III

The following amendments have been made in the tender document. The changes are highlighted in yellow in the document below,

Amendment – XV

The BOQ has been replaced.

The bidders are requested to note that:

Basic Price of Equipment(s) includes value of goods, warranty for **2** years, accessories & ancillaries, other charges (e.g. freight charges upto the consignee location, insurance etc), installation , commissioning , end user training as many numbers as may be required during the period of warranty but excluding applicable tax (es).