

Notice Inviting e-Tender

West Bengal Medical Services Corporation Limited
Swasthya Sathi
GN-29, Salt Lake, Sector-V
Kolkata-700091

Phone No (033) 40340307/40340308

E mail: procurement@wbmsc.gov.in

SUPPLY OF MEDICAL EQUIPMENTS FOR MULTI / SUPER SPECIALITY HOSPITALS OF THE GOVERNMENT OF WEST BENGAL.

(Submission of Bid through *online*)

Bid Reference No.: WBMSCL /NIT- 16/2016

Dated – 18.04.2016

(2nd call for Schedule III & XX of Bid Reference No. WBMSCL /NIT-07/2016, Dated – 12.02.2016)

The following amendments have been made in the tender document,

Amendment I:

REVISED TECHNICAL SPECIFICATION

SCHEDULE - I

Anaesthesia work station with ventilators

The Anesthesia Machine should have the following essential components:

1. Anesthesia machine complete with Anesthesia gas delivery system.
2. Circle absorber system.
3. Anesthesia ventilator with VCV (Tidal Volume 20 ml to 1500 ml), PCV and PEEP.
4. Display size: minimum 6.5" LED / LCD.
5. Should have provision for delivery of oxygen, nitrous oxide and medical air with pressure gauges. With 3 flow meters for oxygen, nitrous oxide and air.
6. Should have independent attachments for connecting central gas supply and pin indexed cylinders. Should have provision for attaching 1 cylinder of (O₂ and N₂O).
7. Oxygen and Nitrous oxide should be linked either mechanically or pneumatically to ensure a minimum of 25% oxygen delivery at all times to avoid delivery of hypoxic mixture.
8. Should have audio-visual oxygen Failure warning System with Nitrous oxide cut off.
9. Should have back bar which is ISO pin type to attach vaporizer easily.

10. Should be supplied with necessary attachments to use of the breathing circuits (Bains, Jackson-Rees and closed circuit etc.) Reusable circuit for adult and pediatric will be provided.
11. Should have top shelf to keep monitors and a tabletop to keep anesthetic drugs, equipments etc.
12. Castor wheels should be durable and moisture resistance & Smooth.
13. The Anesthesia machine frame should be made of rust proof material/Stainless steel.
14. Unit provided with a integrated battery back up (at least 1 hour)
15. Standard Circle Absorber System
16. Should have adjustable pressure limiting valve, breathing circuit pressure measuring device.
17. Double mounted Precision Vaporizers (Temperature and flow compensated) for Sevoflurane, Isoflurane & Halothane.
18. Should have a bag/ventilator selecting valve integrated onto the absorber. Absorber is having isolation when using with patient
19. Facility to attach oxygen sensor at inspiratory limb of breathing circuit.
20. Should have single / dual absorbent chamber canister with intra operative by-pass system.
21. Should be easy to attach and dismount from the back bar.
22. Vaporizers should have ISO pin type (Selectec) mounting and vaporizer interlocking facility.
23. Should have a standard filling port with keyed filling device.
24. Should be designed for transport with liquid in vaporizer chamber with protection against tipping and shaking
25. Maintenance free vaporizer (desirable)
26. Ventilator should be piston or a bag in bottle anesthesia ventilator with standing (ascending) bellows.
27. Should be supplied with adult and pediatric bellows.
28. Should be able to set tidal volume, respiratory rate and I:E ratio.
29. Ventilator should have audible alarms for ventilator failure, low oxygen supply pressure, inadequate volume delivery, disconnection alarm, and power supply failure.

30. Standards, Safety and Training

- i. Should be US FDA and CE approved product.
- ii. Manufacturer should have ISO 9001 certification for quality standards.
- iii. On site Comprehensive training for OT staff and support services till customer satisfaction with the system

32. Documentation

- i. User / Technical / Maintenance manuals to be supplied in English.
- ii. Certificate of calibration and inspection.