



Notice Inviting e-Tender

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

Phone No (033) 40340308/319
E mail: procurement@wbmsc.gov.in

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- 66/2017

Dated – 23.09.2017

2nd call of Bid reference no. WBMSCL/NIT-21/2017, dated: 26.04.2017 of Schedule –I, II, III, IV & V

The following amendments have been made in the tender document,

Amendment – I (Revision of Technical Specification)

The revised technical specifications for the item is given below,

Anaesthesia Workstation (With Ventilator)

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. (Digital display and glass cascade of flow)

6. Should have independent attachments for connecting central gas supply and pin indexed cylinders. Should have provision for attaching oxygen cylinder and one Nitrous Oxide.
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, silicon mask for paediatric and adult should also 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 battery backup (at least 4 hour)
15. Standard Circle Absorber System with CO2 bypass intraoperatably.
16. Should have adjustable pressure limiting valve, breathing circuit pressure measuring device.
17. Double mounted Precision Vaporizers (Temperature and flow compensated) for Sevoflurane and Isoflurane. Preferably Options for Desflurane System. Vaporizer should be US FDA of the same OEM.
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 if galvanic cell technology then replacement is needed as and when required upto 5 years.
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) upto 5 years.
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 / universal 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. Should have display of peak pressure plateau pressure Peep FiO₂ and wave form of flow / volume and pressure.
31. Options for active gas scavenging system should be there.
32. Standards, Safety and Training:
 - 32.1. a) The quoted model should be US FDA certified {510 (k) certification}.
Bidder submitting 510 (k) certificate issued by US FDA authority for a model series instead of the particular quoted model will not be accepted.

AND
 - 32.1. b) European Conformity certificate issued by a body notified by European Union council. The notified body should have a 4 digit identification number.
 - 32.2. Manufacturer should have ISO 9001 certification for quality standards.
 - 32.3. On site Comprehensive training for OT staff and support services till customer satisfaction with the system
33. Documentation:
 - 33.1. User / Technical / Maintenance manuals to be supplied in English.
 - 33.2. Certificate of calibration and inspection.
 - 33.3. 4 hrs battery backup necessary.