

Notice Inviting e-Tender

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

Phone No (033) 40340307/319 E mail: procurement@wbmsc.gov.in

Procurement of Inhaled Nitric Oxide System and Computerized Radiography System for the Department of Neonatology, IPGME&R and SSKM Hospital

(Submission of Bid through *online*)

Bid Reference No.: WBMSCL/NIT-831/2025 Dated-09.10.2025

The following amendment has been made in the tender document,

<u>Amendment – 2</u>

REVISED TECHNICAL SPECIFICATION Schedule-I

Nitric Oxide therapy Device

- Microprocessor controlled Nitric oxide (NO) closing unit without Cylinder.
- INO therapy using air as the source and adopting innovative technology of high voltage shock to required high-purity NO Gas.
- Able to deliver 1 to 80 ppm with alarm system and selectable alarm limits (NO high alarm, NO low alarm, NO2 alarm, low battery).
- Able to supply constant NO concentration.
- Computerized dosing and monitoring device coupled in a single system.
- Continuous measurement of NO and NO2 concentration in the inspiratory gas and in the ambient air.
- Portable & light weight 7.5 KG.
- Compatible with all the major ventilator systems.
- Mobile trolley should be supplied with System.

- Nitric Oxide Delivery and monitoring system having 7" or bigger LED/LCD touch screen, monitor demountable from the trolley for mobile/transport applications.
- Real time continuous monitoring of NO, NO2 with audio alarms.
- Capable of Invasive, Non Invasive, HFO and Anesthesia NO delivery modes for use with patient.
- NO Delivery Range: 0 to 80 ppm.
- Measuring Range NO: 0 to 80 ppm.
- NO2: 0 to 15 ppm.
- Accuracy: ±2 ppm; or ±20 per cent of the nitric oxide setting, whichever is greater.
- Back up: at least 120 minutes Lithium battery backup with AC: 220 50Hz 0.5 A; the nitric oxide therapy device is equipped with a built-in rechargeable battery.
- Warm Up Time: less than 5 minutes.
- Should be having printer and compatible with USB port.
- There should be memory of at least last 55 min to see the trend of NO values.
- Software should be upgradable with any new technology available during the life of the equipment.

Consumables:

System must be supplied with all the essential consumables including the following:

MIXER REUSABLE: 1NOS.

FLOW SENSOR REUSABLE: 05 NOS.

FLOW SENSOR CABLE REUSABLE: 05 NOS. NO/NO2 SENSOR (4000 HOURS): 02 NOS

FILTER (1000 HOURS): 06 NOS.

FILTER COTTTON (Normally 03 Months): 40 Nos.

TROLLEY: 01 NO.

The cost of the accessories/consumables should be included against 5 years warranty period with the machine.

Warranty:

The bidder must quote for 5 years comprehensive warranty (including all spares, accessories and labour) from the date of completion of the satisfactory installation.

Consumables parts i.e. MIXER REUSABLE, FLOW SENSOR REUSABLE, FLOW SENSOR CABLE REUSABLE, NO/NO2 SENSOR (4000 HOURS), FILTER (1000 HOURS), FILTER COTTTON (Normally 03 Months) has not covered under the CAMC period and prices quoted separately.

The company has to undertake uninterrupted supply of cassettes & accessories required for running the system for 5 (five) years.

Operation Environment:

The unit should be capable of operating continuously in working environment temperature: 10° C 40° C; Relative humidity of working environment: $15\% \sim 95\%$, non-condensing; Atmospheric pressure: 70.0kPa 106.0kPa.

Standards

The Manufacturer should be ISO 9001 and ISO 13485 certified.

Training

Onsite physical demonstration and training of the equipment to all the end users with all the requested facilities will be mandatory

Manual

The manual of the equipment (in English language) should be supplied along with the equipment

Service

Should have onsite service facility.

The service provider should have the necessary equipments recommended by the manufacturer to carry out preventive maintenance test as per guidelines provided in the service/maintenance manual.

Certificate: The bidder/OEM should submit valid CDSCO Certificate/ Registration/ License for both the manufacturer(s) and importer(s) as applicable.

Schedule-II Computerized Radiographic (CR) System

- 1. The system should comprise of:
 - a. Image recording system (Image plate/cassette)
 - b. Image reader
 - c. Image processing work station
 - d. Accessories and consumables
- 2. Should be of Single cassette (size $-14" \times 17"$) speed $-\frac{35}{2}$ cassette/hr or more at resolution of 10 pixel / mm
- 3. Acquisition of image at monitor after insertion of the cassette: 40 sec or less
- 4. Cassettes: Should provide the following cassettes;
 - i) 10 X 12 cassette 5 nos.
 - ii) 8 X10 cassette 5 nos.
 - iii) 14X17 cassette 4 no.
- 5. Standard resolution of 10 pixel/mm
- 6. Console with monitor of 17" or more 1 no.
- 7. Paediatric software to be incorporated.
- 8. Dose deduction software facility will be preferred.
- 9. UPS from reputed manufacturer having at least 30 minute back up with appropriate KVA for the entire system.
- 10. System should have capability to pan, zoom, annotate, crop, noise suppression/control multiple image layout, customized formatting, CD/DVD and USB writing etc.
- 11. System should be DICOM compatible and scalable for connectivity to PACS.
- 12. Should provide with Dry Imager camera with DPI 300 or more. The camera should print all standard film sizes. The camera should have 2 online trays.
- 13. The equipment should be new and unused. The manufacturing date should not be more than 180 days when it would reach the consignee address.
- 14. The printout copy should bear the patient identification paticular.

15. Standard& Safety

The bidder/ OEM should have valid CDSCO Certificate/Registration/License for both the manufacturer(s) and importer(s) as applicable

16. Warranty

The machine, UPS and all other accessories should be under warranty for 5 years.

<u>Amendment – 3</u>

Schedule	ITEM	Estimated Total Cost	Qty	Warranty
ı	Inhaled Nitric Oxide System	Rs 58,00,000.00	1	<mark>5</mark>
II	Computerized Radiography System	Rs 23,00,000.00	1	<mark>5</mark>