



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 Bubble CPAP Machine for R.G. Kar MCH, Kolkata
(Submission of Bid through *online*)

Bid Reference No.: WBMSCL/NIT-975/2025

Dated-27.11.2025

The following amendment has been made in the tender document,

Amendment – 1

REVISED TECHNICAL SPECIFICATION Bubble CPAP Machine

- 1) **Disposable** circuit should contain:
 - a) Humidifier water chamber
 - b) Pressure manifold
 - c) CPAP generator
- 2) CPAP generator should have facility for overflow chamber and increasing or decreasing the pressure.
- 3) Breathing Circuit:
Should be supplied with heater wire technology with each machine to provide proper humidification.

Disposable type: 50 sets

Following accessories should be supplied with the 50 sets of Disposable circuit:

- (a) Humidifier water chamber
- (b) Pressure manifold
- (c) CPAP generator

C P A P generator should have facility for increasing or decreasing the pressure

4) Non-invasive Interface (for each machine):

- Nasal Tubing for nasal Mask-50 numbers for each machine.
- Infant Bonnets / Caps of different sizes to fit on head to hold nasal tubing & prongs, 50 numbers of different sizes.
- Neonatal Nasal Masks of small size, medium size, and large size- 50 each to be provided.

5) Blender & Humidifier :

The blender should have dual flow meter for 0.5-3 ltr and 1-15 ltr.

Servo controlled humidifier base with digital temperature display with audio visual alarms for conditions like high & low temperature, humidity & disconnection and / more with temperature probes and airway probe (yellow probe for control of humidifier temperature, blue probe for control of circuit temperature)

All the humidifier accessories and the consumables should be from the same OEM

6) High flow nasal cannula

The cannula should have necessary adaptors for attachment with the circuit. Cannula should be kink proof, soft, flexible, anatomically contoured with good quality adhesive to secure on skin.

Should have facility for high flow nasal cannula with at least 50 numbers for infant with bodyweight < 1 kg, 50 numbers for infant with body weight 1 kg to 1.5 kg, 50 numbers for infant with body weight 1.5 kg to 2.5 kg

7) Medical Air Compressor

- a) Stand alone Medical Air compressor
 - b) An oil free Medical air compressor
 - c) Medical Air Compressor should automatically activate in the event of wall air supply loss.
 - d) Replacement of internal filters should be performed without removing the compressor
 - e) Should have washable air filter
- 8) Warranty of entire unit including equipment, accessories and ancillaries etc. 2 years.
- 9) Certification: The bidder/OEM should submit valid CDSCO Certificate/ Registration/ License for both the manufacturer(s) and importer(s) as applicable.