



Notice Inviting e-Tender

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

Phone No (033) 40340307/320
E mail: procurement@wbmsc.gov.in

Procurement of different Medical Equipment for the Department of NICU & PICU, at
R.G.Kar Medical College and Hospital
(Submission of Bid through *online*)

Bid Reference No.: WBMSCL/NIT-316/2023
--

Dated-19.06.2023

Amendment-II

REVISED TECHNICAL SPECIFICATION

Item-II

Bubble CPAP

- 1) Reusable circuit should contain:
 - a) Reusable 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.

Reusable type: 1 set

Following accessories should be supplied with the Reusable circuit:

- (a) Heated wire - 1 no
- (b) Temperature probe - 1 no
- (c) Air way probe - 1 no
- (d) Chamber probe and necessary connector - 1 no
- (e) Humidifier water chamber - 1 no
- (f) Pressure manifold - 1 no
- (g) CPAP generator - 1 no

Disposable type: 4 sets

Following accessories should be supplied with the 4 sets of Disposable circuit:

- (a) Temperature probe - 1 no
- (b) Air way probe - 1 no
- (c) Chamber probe -1 no and necessary connector
- (d) Humidifier water chamber - 4 nos
- (e) Pressure manifold- 4 nos
- (f) CPAP generator - 4 nos

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

4) Non-invasive Interface:

- Nasal Tubing for nasal prongs-5 numbers
- Nasal Prongs of silicon based on nares diameter & width of septum in various sizes, system should come with at least 20 numbers for bodyweight < 1 kg, 20 numbers for body weight 1 kg to 1.5 kg, 20 numbers for body weight 1.5 kg to 2.5 kg.
- Infant Bonnets / Caps of different sizes to fit on head to hold nasal tubing & prongs, 10 numbers of different sizes.
- Infant Nasal Masks of small sizes-3 numbers, medium size- 4 numbers and large size- 3 numbers
- The machine should have high flow nasal oxygen facility. Interface of different sizes Red, Yellow, Purple, Blue 20 each to be provided.

5) Cannula should be kink proof, soft, flexible, anatomically contoured with good quality adhesive to secure on skin.

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

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

8) Certification: 4 digit European CE / US FDA