



Notice Inviting e-Tender

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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-III

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 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.
 - Infant Nasal Masks of small sizes numbers, medium size numbers and large size-50 each to be provided.
 - The machine should have high flow nasal oxygen facility. Interface of different sizes Red, Yellow, Purple, Blue (50 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