



## Notice Inviting e-Tender

West Bengal Medical Services Corporation Limited  
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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-461/2023**

**Dated-07.08.2023**

**2<sup>nd</sup> call bid reference no. WBMSCL/NIT-316/2023, Dated-19.06.2023**

### Amendment-II

## Revised Technical Specification

### Item-III

### High Flow Nasal Oxygen System

1. Blender:
  - a) The machine should have inbuilt blender and humidifier
  - b) Blender should deliver oxygen concentration range (21% to 100%)
  - c) Flow rate 2- 60 litre/min or more
  - d) Accuracy  $\pm$  3%
2. The equipment should be inbuilt turbine driven. Equipment should be compact, portable, user friendly easy to transport to different wards.
3. Circuit:
  - a) The heated breathing tube should have air pocket as insulator to minimize the condensation.
  - b) Rate of Consumable should be quoted separately
  - c) Disposables Circuit: 30 units
  - d) High flow nasal Cannula : 20 units each of all sizes (Term, Infant, Paediatric & Adult Small)
  - e) Cannula should be designed to minimize jet flow, kink proof, soft, flexible, anatomically contoured with good quality adhesive to secure on skin.
  - f) All consumable should be from the same OEM.
  - g) The heated breathing tube should have provision to provide inline nebulisation during therapy.

h) The device should have the thermal disinfection mode to minimize the contamination.

4. Accessories:

- a) Air and oxygen hose and coupler
- b) Bracket pole mount
- c) Trolley

5. Alarm:

- a. Water out alarm
- b. Blockage alarm

6. Documentation:

User / Technical / Maintenance manual to be supplied in English.

7. Warranty: The machine and all other accessories should be under warranty for 2 years.

8. Equipment, consumables and circuit should be US FDA or European CE ("Conformite Europeene") approved.