



## Notice Inviting e-Tender

**West Bengal Medical Services Corporation Limited**

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**Supply and Commissioning of 5(Five) Different medical equipment at different Hybrid CCUs  
across the state of West Bengal**  
(Submission of Bid through *online*)

**Bid Reference No.: WBMSCL/NIT-593/2023**

**Dated-03.10.2023**

### **Amendment-I**

## **REVISED TECHNICAL SPECIFICATION**

### **Schedule-I**

#### **High Frequency Nasal Cannula(HFNC)**

1. Blender:
  - a) The machine should have inbuilt / external blender and humidifier
  - b) Blender should deliver oxygen concentration range (21% to 100%)
  - c) Flow rate 2- 60 litre/min or more
  - d) Accuracy  $\pm 3\%$
  - e) Flow meter
2. The equipment should be compressor / 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 (preferable)

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 European CE(4 digit notified body)/CE-IVD/US FDA/BIS/ CDSCO approved.