



Notice Inviting e-Tender

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Procurement of different medical equipment for COVID Hospitals and Medical Colleges of the State of West Bengal.

(Submission of Bid through *online*)

Bid Reference No.: WBMSCL/NIT-86/2020

Dated –20.06.2020

AMENDMENT-I

REVISED TECHNICAL SPECIFICATIONS

High Flow Nasal Cannula (HFNC) System

A. Blender:

1. Blender should deliver oxygen concentration range (21% to 100%)
2. Flow rate 2- 60 litre/min or more
3. Accuracy \pm 3%
4. Size approx. 6 cm X 9 cm X 10 cm
5. Should be US FDA or European CE ("Conformité Européene") approved having 4 (four) digit identification number.

- B. The equipment should be compressor / turbine driven. Equipment should be supplied with compressor / turbine. Compressor / turbine should be US FDA or European CE ("Conformité Européene") approved having 4 (four) digit identification number.

C. Humidifier:

1. Servo controlled humidifier base with digital temperature display with audio visual alarms for conditions like high & low temperature, humidity & disconnection and / more.

D. Circuit:

a) To be supplied with the equipment and cost should be considered within the quoted rate of the equipment (at sl 1 of the BoQ)

1. Heated Breathing Circuit with heater wire technology to provide proper humidification, at least 2 reusable sets and at least 4 disposables with each machine.
2. Should have facility for high flow nasal Cannula. 10 nos. of Cannula (Adult – 6 nos. and Paediatric - 4) should be supplied with machine.

b) Consumable likely to be consumed over a period of 1 year (rate to be quoted separately in the BoQ at sl 2 to 4)

Reusable Circuit: 02 units

Disposables Circuit: 04 units

High flow nasal Cannula: 10 units

Consumables and circuit should be US FDA or European CE ("Conformité Européene") approved

E. Accessories:

1. Air and oxygen hose and coupler
2. Bracket pole mount
3. Trolley

F. Medical Air Compressor specifications if system come with compressor:

1. Stand alone Medical Air compressor
2. An oil free Medical air compressor
3. Medical Air Compressor should automatically activate in the event of wall air supply loss.
4. Replacement of internal filters should be performed without removing the compressor
5. Should have washable air filter
6. US FDA or CE ("Conformite Europeene") from European Union notified body having 4 digit identification number approved having 4 (four) digit identification number.
7. Bidder to quote cost of the compressor in Form 8 if system comes with compressor. However comparison of cost will be done considering cost of compressor.

G. Alarm:

1. Water out alarm
2. Blockage alarm

H. Documentation:

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

I. Warranty & CMC

The machine and all other accessories should be under warranty for 2 years and followed by 5 years CMC.