



क्र:AIIMS/R/CS/G.M./2022/08-29/LPC

Dated:-25/08/2022

## कोटेशन सूचना

### QUOTATION NOTICE

**विषय / Sub:-** Quotation Inviting for Purchase of **Ventilator Tubings with Flow Sensor** for Department of General Medicine at AIIMS Raipur.

Sealed quotations are invited from intending registered Stockiest/ Distributors having GST number and relevant documents for Supply/Purchase of **Ventilator Tubings with Flow Sensor** for Department of General Medicine. The vendor should send the quotation with copy of certificate of GST & other documents should be submitted to office of Store Officer, AIIMS, Raipur, up to **03.00 pm** on dt: **31/08/2022**. The quotation will be opened on the same day at **03.30 pm** in the Store Office, Medical College Building, Ground Floor, Gate No. 05, AIIMS-Raipur, Tatibandh GE Road, Raipur (C.G.). Details of item are as under:-

क्र. सं. S.N.	समग्री का विवरण Description of Items	एच.एन. एन. नं. HSN Code	मेक एवं ब्रांड Make / Brand	मात्रा Qty	ईकाई Unit	प्रति ईकाई दर Unit Rate in Rs.	कर Tax In GST@ %	कर के साथ ईकाई की दर Unit Rate with TAX	कुल मूल्य Total Price
01	Ventilator Tubings with Flow Sensor (Adult Coaxial b-set with flow sensor & elbow connection)			60	Nos.				

TECHINICAL SPECIFICATION: Annexure -I

### नियम एवं शर्तें

#### Terms & Condition

1. Rate should be mentioned in words & figure both.
2. Taxes, if any (should be clearly mention).
3. Delivery Schedule – within 14 days from the date of issue of PO.
4. Price should be FOR Destination basis.(i.e. concerned department)
5. LD @ 0.5% of delayed supply per week or part of week for delay of supply of material subject to maximum up to 10%. After expiry of delivery period material cannot be accepted without extension of delivery period.
6. Quotation No/Name and Due date of opening must be written on top of envelop.
7. GST rates applicable on your quoted item may please be confirmed. HSN code for each item should be clearly mention.
8. Please confirm if there any change (Upward/Reduction) in your Basic Price structure. And you are also requested to pass the Input Credit as per the following Anti Profiteering Clause of GST. “Upon Implementation of GST, any reduction in the rate of tax on supply of goods or service or
9. The benefit of input tax credit shall be passed on to AIIMS Raipur by way of commensurate reduction in the prices.
10. In the event of increase in price, detailed justification and supporting evidence may be submitted for our consideration.
11. The GST registration details may please be furnished.
12. 100% payment against receipt and acceptance of material.
13. Validity of offer should not be less than 90 days
14. No Part supply or Part Payment will be entertained.
15. RTGS detail required for payment purpose.
16. Expenditure will be debitable to GIA-48.
17. Brand & Make should be clearly mentioned in offer (If require).

18. The Quantity of above column is totally tentative. It can be increased or decreased at the time of placement of order.
19. AIIMS Raipur reserve the right to place the order for full or part quantity to one or more items.

वरि.खरीदी सह भंडार अधिकारी  
अखिल भारतीय आयुर्विज्ञान संस्थान  
रायपुर (छ.ग.)-492099

## Technical Specifications of Adult / Pediatric Breathing Circuit with Flow Sensor

### Breathing Circuit:

1. Compact coaxial single limb design for proper utilisation of patient space
2. Circuits should have coaxial design to provide passive warming of inspiratory gases by heat exchange with expiratory flow
3. Circuit should be pre-assembled with elbow adapter and flow sensor for easy and quick connection/setup
4. In coaxial circuit design, inspiratory and expiratory tubes should be color coded for easy identification
5. Should have circuit length of 180 cm atleast
6. Circuit should be made up of EVA, which ensures that no carcinogenic compounds are released during ventilation
7. Operating conditions -15°C to 50°C 5% to 95%, relative humidity, noncondensing Storage conditions -20°C to 60°C 5% to 95% relative humidity, noncondensin
8. Storage conditions -20°C to 60°C 5% to 95% relative humidity, noncondensin
9. Operation duration of circuits should be atleast 28 days. Document should be submitted.
10. The ventilator breathing circuit and flow sensor are intended to be used to connect the HAMILTON Ventilators for safe use.
11. The flow sensor part of breathing circuit should be tested and intended to be connect to HAMILTON Ventilators for the safe use
12. Complete circuit with flow sensor should be European CE approved

### Flow Sensor:

Flow range	0 to 180 l/min (short term 260 l/min) or better
Dead space	Should be less than 11 ml (functional)
Resistance	Should be less than 0.027 cmH <sub>2</sub> O/(l/min) over the complete flow range (-180 l/min to 180 l/min)
Weight	Should be less than 15 g without tubes, Should be less than 68 g with 188 cm tubes, Should be less than 89 g with 260 cm tubes, Should be less than 110 g with 330 cm tubes
Material	Should be Compliant with ISO 10993-1:2009 (biocompatibility) and Directive 2011/65/EU (RoHS). Material should not contain natural rubber latex, DEHP, or BPA.
Accuracy	For calibrated flow sensor volume-related parameters: HAMILTON-C1/T1/MR1/C2/C3/C6 ventilators: ± 10% or ± 10 ml (whichever is greater) HAMILTON-G5/S1 ventilators: ± 15% or ± 20 ml (whichever is greater)
Temperature	Operating: -20°C to 50°C (-4°F to 122°F) or better Storage: -20°C to 60°C (-4°F to 140°F) or better
Operating time	Atleast 28 days or depending on hospital infection control protocols, patient secretions, and nebulization of medication
Accessory	Tube clip, calibration adapter ID22 / OD15
Identification	Individual serial number should be mentioned
Regulatory	The manufacturing unit should be: ISO 13485 and ISO 9001 certified. The flow sensor should comply with: Medical Device Regulation (EU) 2017/745, EN 980, EN 1041, ISO 5356-1, ISO 10993-1, ISO 14971

NOTE: All the certificates concerning material and regulatory need to be enclosed with the technical bid.