



ओखेल भारतीय आयुर्वेज्ञान संस्थान, नागपुर  
ALL INDIA INSTITUTE OF MEDICAL SCIENCES, NAGPUR

Address: Plot No. 2, Sector-20, MIHAN, Nagpur- 441124

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File No. AIIMS-NAG/PROC/Cent-Store/25-287/NIQ/26-27/01

Dt 01/04/2026

**NOTICE INVITING QUOTATIONS**

The Executive Director, All India Institute of Medical Sciences, Nagpur invites quotations from the reputed Procurement of Heated Humidified High Flow Nasal Cannula Devices for Pediatric Department at AIIMS, Nagpur details are given below:

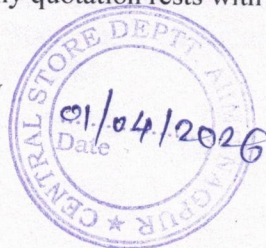
Sr. No.	Item Description	QTY.	Unit Cost (Excluding GST)	Total Cost (Excluding GST)	GST %	Total Cost with GST
1	Heated Humidified High Flow Nasal Cannula Devices (AIRVO 3 Complete Set)	01 Nos				
Total -----						


**Note:**

- The technical specification of the item is attached as Annexure-I.
- A compiled statement of technical specification against the item needs to be submitted along with quotation.

**TERMS OF CONDITIONS:**

- 1) All quotations to be submitted in the name of **Executive Director, AIIMS Nagpur** only. Quotations not addressed to Executive Director, AIIMS, Nagpur will not be opened and rejected summarily.
- 2) L1 will be decided based on the cost of equipment only.
- 3) Price of Consumables should be quoted separately.
- 4) **Copy of NIQ duly signed and stamped by the vendor to be submitted along with quotation by accepting all the terms and conditions of NIQ.**
- 5) HSN Code of the product needs to be mentioned.
- 6) Rates of articles should be quoted per unit item without including GST.
- 7) Taxes livable should be quoted separately.
- 8) Delivery Period: - Within 30 days from the date of supply order.
- 9) Delivery should be FOR O/o Central Store, AIIMS, Nagpur.
- 10) **A declaration by vendor is required to be submitted along with quotation station that vendor is not debarred by Department of Commerce or Ministry/ Department concerned. The date of declaration should not be before the date of NIQ and after the last date of submitted of quotation.**
- 11) **Liquidated Damages charges:** - In the event of the Seller's failure supply, Liquidated Damages charges will be deducted to the sum of 0.5% of the contract price of the delayed/undelivered, stores/services mentioned above for every week of delay or part them of a week, subject to the maximum value of the Liquidated Damages being not higher that 10% of the value of delayed stores.
- 12) Payment will be released on inspection of supplied material found satisfactory by the concerned department as regard to quality, quantity etc. Broken articles will have to be replaced before payment.
- 13) Bank details such as Account Number, IFSC Code etc. should be furnished so as to facilitate payment on line, if any.
- 14) Interested parties should submit their quotations in **sealed envelope in store office, super scribing "QUOTATION FOR SUPPLY OF 'HEATED HUMIDIFIED HIGH FLOW NASAL CANNULA DEVICES FOR PEDIATRIC DEPARTMENT at AIIMS, NAGPUR WITH NUMBER OF NIQ"** on or before **10/4/2026 before 17.00 hrs** which will be opened on...../.... / 2026 at **11.00 hrs**.
- 15) Rights to accept/reject any quotation rests with the AIIMS Nagpur.



  
31/3/26  
Administrative Officer - I  
रोहन एल. बेगडे / Rohan L. Bagde  
प्रशासनिक अधिकारी / Administrative Officer  
अ.भा.अ.सं. नागपुर / AIIMS, Nagpur

## Specification of Heated Humidified High Flow Nasal Cannula Device

- It should have inbuilt flow generator and capable of delivering wide range of flow from 2 – 70 LPM.
- It should have single mode of operation for neonatal, pediatric and adult patients.
- It should have inbuilt Air/O<sub>2</sub> blending and FiO<sub>2</sub> monitoring, facility to deliver wide range of oxygen concentration from 21% to 100% with suitable menu options.
- It should be able to display real time parameters and 24 hours trend data to monitor patient progress.
- It should have inbuilt air source without need of external compressor.
- It should have integrated heated humidifier.
- It should have large, bright and touch screen color display to monitor humidity, flow, FiO<sub>2</sub> and error alarms.
- It should have visual and audible alarm indications for the errors with error codes.
- It should have audible power failure alarm system.
- The expected auditory alarm range should be sound pressure level >40 dBA @ 1m, audio pause duration should be 120 seconds.
- It should have continuous mode of operation and should have two options for reprocessing for fast turnaround time.
- Maximum surface temperature of applied parts should be 44°C.
- It should have operational ambient temperature 18 – 28°C.
- It should have maximum delivered dewpoint temperature of respiratory gas of 43°C.
- It should have target humidity range between 31 – 37°C.
- The humidity should be > 33 mg/L at 37°C target humidity, 10 – 60 LPM target flow and >12mg/L for all other settings.
- It should have dual pressure oxygen port.
- It should have dual input manifold to ensure smooth transition to portable oxygen for patient transfer.
- It should be supplied with all the necessary compatible accessories like hose pipes and connectors.
- It should have integrated battery backup with Lithium-Ion battery with output power of 80 W. The shelf life of the battery should be minimum of 3 years.
- Maximum time to recharge the battery should be 6 hours.
- Integrated battery should facilitate 40 minutes of transport time, enabling patient mobilization.
- Storage and transport ambient temperature should be between 10 – 50°C. Humidity should be 10 – 95% relative humidity.
- The machine should come with 2 years of replacement warranty.
- Letter of Authorization from Original Equipment Manufacturer is mandatory.
- The machine should be supplied with pole stand, storage basket, oxygen bottle holder, dual input manifold, oxygen hose, water bag and flowmeter.
- It should be supplied with 10 units of disposable circuits with humidifier chamber compatible with 22mm vibrating mesh nebulizers.
- The disposable circuits should be of similar make as the HFNC machine.
- The disposable circuit should have inbuilt heating along with the bore of the circuit which should assist in reduction of condensation.
- The circuit should effectively deliver nebulized blended gases.
- The disposable circuit should be suitable for use with all interfaces to fit wide range of patients from 2 – 70 LPM.

*Abhijit*  
4/2/26

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एस्. नागपूर/AIIMS, Nagpur

- The machine should be supplied with 10 units of disposable cannula which should have easy to attach customizable head strap.
- Cannula should have soft prongs which contour and provide facial comfort.
- Cannula should have soft cheek pads to help reduce facial trauma.
- The machine should be supplied with 2 units of disposable tracheostomy interface.
- Disposable cannula and tracheostomy interface should be of similar make as the HFNC machine.
- Quoted items should be US FDA/European CE approved, Manufacturer should be ISO 13485 certified.

*Shruti*

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