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OF VIROLOGY

आई सी एम आर - राष्ट्रीय विषाणु विज्ञान संस्थान

स्वास्थ्य अनुसंधान विभाग  
स्वास्थ्य एवं परिवार कल्याण मंत्रालय, भारत सरकार

**ICMR - NATIONAL INSTITUTE OF VIROLOGY**

Department of Health Research  
Ministry of Health & Family Welfare, Govt. of India

No. LTE PP-3461/NIV-Purchase/2024-25

Dt. 4<sup>th</sup> Dec, 2024

**QUOTATION ENQUIRY**  
**(TWO BID ENQUIRY)**

Sealed quotations are invited on behalf of the Director, ICMR-National Institute of Virology, Pune for "Anesthesia Apparatus". Interested vendors should submit their quotation along with their company/personal profile and details give below:

Sl. No	Specifications & Details	Qty. Required	Remarks
1	Anesthesia Apparatus	1	Specifications Attached

The quotation super scribed as "PP no. 3461- Anesthesia Apparatus" addressed to the Director, ICMR-National Institute of Virology, 20-A, Dr. Ambedkar Road, P.B. No.11, PUNE -411 001. (Attention: Administrative officer - Stores), should be either dropped at the Stores Department at NIV Pune or sent through by Speed Post/Courier latest by 24<sup>th</sup> Dec, 2024 till 5.30 p.m.

**OTHER TERMS & CONDIITONS**

1. This is an enquiry and must not be treated as an order.
2. Product details/Brochure along with Technical Bid.
3. Kindly mention Warranty + Comprehensive Warranty details in Technical Bid properly, without mention required information the quotation will be rejected.
4. The NIV, Pune office reserves the right to accept or reject any or all quotations without assigning any reasons.
5. Any decision taken by the Director, NIV Pune at any point of time in connection with this process shall be final and conclusive and no claim or dispute from any bidder in that regard shall be entertained.
6. The bidders are requested to submit Technical Bid and Financial Bid in separate envelopes: The bidders submitting in one envelope, will straightaway be rejected.
7. No advance payment will be made. The payment will be made on receipt of services availed and satisfactory report of the end users after installation.
8. NIV, Pune will not be responsible for any delay for receipt of quotation.
9. Requirement of Anesthesia Machine will either increase or decrease final requirement will be mentioned in the P.O order issued to the firm.

  
Administrative Officer

## Technical Specification

### 1) Specifications:

1. Oxygen Flow meter Volume: 0-5 liters per minute @ 55 psi.
2. Oxygen Flush Volume: 15-35 liters per minute @ 55 psi.
3. Gas Supply: Oxygen male DISS connector
4. Gas Pressure Requirements: 50-55 psi
5. Flow meter: Single-turn metering valve
6. Oxygen Flush: Plunger-actuated, spring return valve
7. Adjustable Pressure Limiting (APL) Valve: Three-turn metering valve
8. Dimensions: 22"w x 19"d x 50"h, Base Footprint: 19"w x 18"d
9. Material: Aluminum Frame; steel bolts and screws; injection moulded polyurethane absorber head; brass valves and tubing; acrylic canister and flow meter cover; Delrin handle and APL (evacuation) valve.
10. Finish: Heat-treated enamel
11. Dual delivery system
12. Mapleson E non-rebreathing circuit
13. 9 mm Mouse nose cone, 12 mm Mouse/Rat nose cone, 14 mm Rat nose cone
14. Induction chamber, air tight, 2-liter
15. Oxygen hose, ten feet with DISS fittings
16. Evacuation tubing, 22 mm, 6 feet
17. Vapor Guard activated charcoal evacuation filter, two Anti-spill adapter, funnel-fill
18. Isoflurane (500 ml) should be supplied with Isoflurane vaporizer
19. Oxygen Source of working hr 10000hrs.
20. Heating blanket with digital temperature controller, suitable for one mouse/rat Size of Blanket:115 x 220mm
21. Single Channel Manifold- suitable for one mouse/ rat mask
22. New Precision temperature and flow rate compensated funnel fill
23. Should be supplied with Anesthesia Guide, protocols
24. Should be CE certified/FDA/BIS approved product.

### Miscellaneous:

25. The unit must be provided with all necessary accessories with 3 years comprehensive and 2 years non-comprehensive warranty.
26. Spares should be available for additional 5 years.
27. Delivery, Installation, validation/ performance demonstration should be carried out on site.
28. All the necessary documents (IQ/OQ/PQ) and certification should be provided at the time of installation.
29. ISO9001 and CE certification
30. The vendor should have such installations at state or national institution of repute.

2) **Accessories:** as mentioned in the specifications if any additional required.

3) **Operational and maintenance plan:** 3 +2 years warranty