

## Surat Municipal Institute of Medical Education and Research

*Opp. Bombay Market, Umarwada, Surat – 395 010 (Guj.)-India.*

Medical Superintendent-Extn.1600

SMIMER Hospital

Phone Nos. 2368040 to 43

FAX No.(0261) 2360306



SMIMER/Hosp/Out/ No.8003

Date: 11 / 03 / 2026

To,  
M/s \_\_\_\_\_

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Sub: Quotation for replacement of Flow Sensor of Anaesthesia Work Station Of Anaesthesia department of SMIMER Hospital.

Dear Sir,

Quotations are invited for item as per attached list and as per following terms & conditions.

1. The rates should be F.O.R. destination inclusive of all taxes & charges i.e. GST etc.
  2. Rate should be quoted as per serial number of list.
  3. The rejected items shall have to be removed by the supplier at their own cost.
  4. Overwriting, erasures or correction in quotations shall not be considered.
  5. Quotations are to be sent in sealed cover as above.
  6. Quotations received after due date will not be considered.
  7. Quotations sent by post or courier services is preferable.
  8. Guarantee/warranty should be mentioned in quotation.
  9. Supplier has to submit quality certificate & samples if requires.
  10. Effective goods will not be accepted.
- GST Clause For Construction/ Erection/ Commissioning/Installation /Repairs/ Maintenance/Renovation/ Fabrication Of Structure Including Building(Means All Works Contract/Turn Key Projects/Supply Of Material/Goods)
  - GST (Goods & Service Tax) has come in existence from 1<sup>st</sup> July, 2017. Contractor/ Successful Bidder is bound to pay any amount of GST prescribed by the Govt. of India as per the Terms of contract agreed upon during the course of execution of this Contract.
  - During the course of execution of contract, if there is any change in Rate of GST(Goods & Service Tax) by the Government, the same shall be reimbursed /

recovered separately by SMC, subject to **the submission of original Receipt/Proof for the amounts actually remitted by** the successful Tenderer /Contractor to the Competent Authority along with a Certificate from Chartered Accountant of Contractor / Successful Bidder certifying that the amount of GST paid to the Government and the same shall be intimated / submitted/claimed within 15 (fifteen) Days from the date of payment. Remittance of GST within stipulated period shall be the sole responsibility of the Successful Bidder/Contractor, failing which, SMC may recover the amount due, from any other payable dues with SMC and decision of Municipal Commissioner shall be final and binding on the Contractor / Successful Bidder in this regard. Further, the non-payment of GST to the Government may lead to the termination of the contract and forfeiture of Security Deposit / Performance Guarantee Amount.

- If imposition of any other new Taxes /Duties /Levies / Cess or any other incidentals etc. or any increase in the existing Taxes / Duties / Levies /Cess or any other incidentals etc. (Excluding GST) are imposed during the course of the contract, the same shall be borne by the Contractor / Successful Bidder only, in no case SMC shall be liable for the same.
- **The contractor will submit the invoice to the SMC having GSTIN of SMC mentioned therein and the taxes shall be shown separately on the face of the invoice so as to claim as ITC by SMC.**

Envelope should bear on top: " Quotation for replacement of Flow Sensor of Anaesthesia Work Station Of Anaesthesia department of SMIMER Hospital"

Quotations are to be sent in sealed cover addressed to office of Medical Superintendent, SMIMER Hospital by post/courier so as to reach on Dt. 20 / 03 /2026  
Quotation received thereafter will not be accepted.

Medical Superintendent  
SMIMER Hospital

## Price-Bid

Sr. No.	Item Name	Qty.	Department	Unit Rate (Rs.)	Total Amount (Rs.)																																	
1.	<p><b>Anaesthesia Work Station with TFT monitor</b>  <b>Model:Jupier Plus Sr.2209JP145,2209JP143 Mfg:</b>  <b>Allied Medical Ltd.</b></p> <p>➤ <b>Replacement of Flow Sensor</b></p> <ul style="list-style-type: none"> <li>• <b>General Description:-</b> A flow sensor designed to accurately measure Inspiratory and expiratory gas flow in anesthesia delivery circuits, compatible with the Allied Medical Jupiter Plus Anaesthesia Workstation gas flow ranges.</li> <li>• <b>Functional Performance:-</b></li> </ul> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Parameter</th> <th style="text-align: left;">Specification</th> <th style="text-align: left;">Notes</th> </tr> </thead> <tbody> <tr> <td><b>Flow Measurement Range</b></td> <td>0-60 L/min (bidirectional)</td> <td>Covers typical adult &amp; pediatric anesthesia flows</td> </tr> <tr> <td><b>Minimum Detectable Flow</b></td> <td>&lt;0.1 L/min</td> <td>For accurate low-flow anesthesia monitoring</td> </tr> <tr> <td><b>Flow Accuracy</b></td> <td>±(3% of reading + 0.05 L/min)</td> <td>Meets clinical anesthesia monitoring needs</td> </tr> <tr> <td><b>Response Time</b></td> <td>&lt; 100 ms</td> <td>Real-time flow tracking</td> </tr> <tr> <td><b>Direction</b></td> <td>Bidirectional (inspiration/expiration)</td> <td>Supports ventilator and spirometry waveform display</td> </tr> <tr> <td><b>Pressure Drop</b></td> <td>&lt;1.5 cm H<sub>2</sub>O at 60 L/min</td> <td style="text-align: center;">Low resistance for patient comfort</td> </tr> <tr> <td><b>Operating Temperature</b></td> <td>5 oC - 40 oC</td> <td>Standard clinical environment</td> </tr> <tr> <td><b>Operating Humidity</b></td> <td>15%-95% non-condensing</td> <td>Typical OR conditions</td> </tr> <tr> <td><b>Storage Conditions</b></td> <td>-20 oC-60 oC</td> <td>With protective packaging</td> </tr> <tr> <td><b>Connector Interface</b></td> <td>Standard 15mm ISO taper (male/female)</td> <td>Compatible with standard breathing circuits</td> </tr> </tbody> </table> <ul style="list-style-type: none"> <li>• <b>Materias &amp; Construction</b> <ul style="list-style-type: none"> <li>❖ Body Material: Medical-grade polyphenylsulfone (PPSU) or equivalent high-temperature thermoplastic</li> <li>❖ Sealing: Silicone elastomer O-rings</li> <li>❖ Sensor Element: Thermal mass or differential pressure MEMS element suitable for medical gas flow</li> <li>❖ Biocompatibility: BPA-free, free of natural rubber latex, PVC and phthalates</li> <li>❖ Finish: Smooth bore internal surface for low resistance and easy cleaning</li> </ul> </li> <li>• <b>General Terms and conditions</b></li> </ul>	Parameter	Specification	Notes	<b>Flow Measurement Range</b>	0-60 L/min (bidirectional)	Covers typical adult & pediatric anesthesia flows	<b>Minimum Detectable Flow</b>	<0.1 L/min	For accurate low-flow anesthesia monitoring	<b>Flow Accuracy</b>	±(3% of reading + 0.05 L/min)	Meets clinical anesthesia monitoring needs	<b>Response Time</b>	< 100 ms	Real-time flow tracking	<b>Direction</b>	Bidirectional (inspiration/expiration)	Supports ventilator and spirometry waveform display	<b>Pressure Drop</b>	<1.5 cm H <sub>2</sub> O at 60 L/min	Low resistance for patient comfort	<b>Operating Temperature</b>	5 oC - 40 oC	Standard clinical environment	<b>Operating Humidity</b>	15%-95% non-condensing	Typical OR conditions	<b>Storage Conditions</b>	-20 oC-60 oC	With protective packaging	<b>Connector Interface</b>	Standard 15mm ISO taper (male/female)	Compatible with standard breathing circuits	01	Anaesthesia (GOT & OOT)		
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	<ul style="list-style-type: none"><li>❖ The sensor should be ISO/CE or equivalent certified.</li><li>❖ Warranty: 6 months on the sensor.</li><li>❖ The bidder are requested to kindly visit the site to get a complete overview of the product before bidding.</li></ul>				
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**Note:** Above mentioned Instrument should be physically checked in, Department Anaesthesia by the Quoting supplier prior to Quoting in SMIMER Hospital.

Medical Superintendent  
SMIMER Hospital