



AIIMS/R/HS/BME/155/2025/ 735

Date: 17/07/2025

Inviting Quotations for Purchase of **Oxygen Sensor for Hamilton T1 Ventilator** for Department of BME at AIIMS Raipur.

**NOTICE INVITING QUOTATION**

A sealed quotation is invited from Authorized Distributors having GST and relevant documents for Purchase of **Oxygen Sensor for Hamilton T1 Ventilator** for Department of BME at AIIMS Raipur. The quotation with copy of certificate of GST & other related documents should be submitted to office of Stores Office- Hospital 1<sup>st</sup> Floor, Hospital Administration Block, Gate No. 1, AIIMS Raipur up to **24/07/2025 before 03:00 pm**. The quotations/Bids will be opened on the same day i.e. on **24/07/2025** at **03:30pm**. Details of item are given as under:-

Sn o.	Specification	Quant ity Requi red	Unit	HSN Code	Unit Rate	GST			Amount
						SGS T	IGS T	CG ST	
1.	Oxygen Sensor for Hamilton T1 Ventilator (Warranty 06 months from the date of installation)	20	Nos.						
Grand Total									

**O2 Cell/ Sensor specifications for our existing Hamilton T1 ventilators**


- Measurement range: 0% to 100% O2.
- Accuracy and repeatability: < 1% volume O2 when calibrated at 100% oxygen.
- Linearity error: < 3% relative.
- Response time: < 12 seconds to 90% of final value.
- Cross interference: Meets ISO 80601-2-55 requirements.
- Effect of humidity: -0.03% relative per %RH at 25 °C.
- Effect of Mechanical shock: < 1% relative after a fall from height of 1 meter.
- Temperature compensation: Built-in NTC compensation.
- Operating humidity: 0% to 99% relative humidity, non condensing.
- Long term output drift: <1% volume oxygen per month typically < -15% relative over lifetime.
- Storage temperature: -20 °C to +50 °C.
- Prolonged lifetime: Maximum lifetime when stored between +5 °C to +15 °C.
- Warm- up time: <30 minutes after replacement of sensor.
- Nominal sensor lifetime: ≥ 1,000,000% volume oxygen hours.
- Items should be compatible with our existing Hamilton T1 Ventilators.



- Installation must be done by supplier. (as and when required)
- Application support should be provided by supplier.
- Warranty- Six months from the date of Installation.

### **Terms & Condition**

1. Firm to mention Make/Brand name in their quotation.
2. Taxes, if any (Kindly mention in above table) should be clearly mentioned in the offer.
3. Document relating to registration of firm i.e. GST and relevant document should be submitted along with quotation.
4. Products are certified from ISI/ISO/CE/GMP/BIS as applicable, the Certificate to this effect should be attached.
5. Supply should be done as per Purchase Order.
6. Price should be FOR Destination basis (i.e. concerned department).
7. 100% Payment will be released after certification from concerned department.
8. **Quotation Name/No. and due date of opening must be mentioned on top of envelops.**
9. LD @ 0.5% of delayed supply per week or part of week for delay of supply of material subject to maximum up to 10% of delayed supply to be deducted.
10. AIIMS Raipur reserves the right to place order for full or part quantity
11. The AIIMS, Raipur reserves the right to increase/decrease the number of required quantity.
12. All other terms & condition as per GFR 2017.
13. Material to be delivered at **Department of BME, AIIMS Raipur.**
14. **Validity of the quotation should be 90 days from the date of opening.**
15. **Bidders should submit their email id, contact details with GST registration.**
16. **The purchase order will be issued based on the requirement of the concerned department.**
17. **10% of the security deposit will be deducted from the value of 1<sup>st</sup> purchase order and it will be returned after the completion of all required supply.**
18. **AIIMS Raipur reserves the right to ask the tenderers for arranging demonstration of their samples for which rates have been quoted, to the concerned committee, if required.**

  
**Officer In-charge**  
**Procurement (DMC)**  
**AIIMS, Raipur (C.G)**

**Yogendra N. Singh**  
 (Officer In-charge, Procurement of  
 Drugs, Medicine & Consumable)  
 AIIMS, Raipur (C.G.)