



आरोग्यम् परमं सुखम्

ALL INDIA INSTITUTE OF MEDICAL SCIENCES, DEOGHAR

अखिल भारतीय आयुर्विज्ञान संस्थान, देवघर

INSTITUTE OF NATIONAL IMPORTANCE UNDER MINISTRY OF HEALTH AND FAMILY WELFARE

(स्वास्थ्य और परिवार कल्याण मंत्रालय के अधीन राष्ट्रीय महत्व का संस्थान)

Devipur campus, Ramsagar, Deoghar, (Jharkhand)-814152

देवीपुर परिसर, रामसागर, देवघर, झारखण्ड -814152

Invitation of quotation
for
Computerized Stethograph
for
Dept. of Physiology, AIIMS Deoghar

Reference No.: AIIMS/Deo/Physio/2024-25/390

Date of Issue: 28/03/2025

Last Date of Submission: 11/04/2025 at 05:00PM.

All India Institute of Medical Sciences, Deoghar

Devipur campus, Ramsagar, Deoghar: 814152, Jharkhand Email:

lpc@aiimsdeoghar.edu.in

Invitation of quotation for Computerized Stethograph at AIIMS Deoghar

Sealed Quotations are invited on behalf of AIIMS, Deoghar for **Computerized Stethograph** required for the Institute as per terms & conditions mentioned below. The filled quotations along with the entire required document must reach in the office of the undersigned on or before **11/04/2025 at 05:00 PM**. The **Envelope containing the quotation** must be sealed and **super scribed as under:-**

“**QUOTATION FOR COMPUTERIZED STETHOGRAPH AT AIIMS DEOGHAR FOR REFERENCE
NO.: AIIMS/Deo/Physio/2024-25/390 DUE ON 11/04/2025 at 05.00 PM**”

The Quotation should be send to the address:-

LPC Chairperson
AIIMS Deoghar Devipur Campus,
Academic Block, LPC Office
Dept. of Anatomy, First Floor
Ramsagar, Deoghar, Jharkhand-814152.

1. Terms & Conditions:

- a) The quotations received **after this deadline or unsealed shall not be entertained** under any circumstances whatsoever. In case of postal delay this Institute will not be responsible. The offer submitted by Fax / email shall not be considered and no correspondence will be entertained in this matter.
- b) Quotations must be in the **enclosed prescribed Performa (Annexure -2) on the letter head of the firm duly signed** by the Proprietor/ Partner/ Director or their authorized representative, In case of signing of quotation by the authorized representative letter of authorization must be attached with the quotation.
- c) The supplier should supply all the equipments/items along with its accessories.
- d) Rates must be quoted in Indian rupees.
- e) Rates must be inclusive of all charges (including Freight charges, Insurance, installation, taxes etc.).
- f) **No overwriting or cutting** is permitted in the rate. If found, the quotation shall be summarily rejected.
- g) The **rates quoted must be valid for 180 days minimum from the date of opening of the quotation** and silence of any tendered on this issue shall be treated as agreed with this condition.
- h) **Total cost/amount will be taken in consideration for L1.** Becoming L1 will not be the criteria for awarding of purchase order unless the rates are reasonable & justified.
- i) The firm/agency may satisfy the following conditions and **attach self-attested copy of the same with the quotation:**
 - The firm shall have valid GST/Other taxes and IT PAN.
 - The firm should not be blacklisted by any Government agency/Department.
 - Purchase order of any government institute./ Undertaking on rupees 10

affidavit that the mentioned items has not been supplied by the vendor below the quoted rates to any institute or anybody

- j) Quotations qualified by such vague and indefinite expressions such as “subject to prior confirmation”, “subject to immediate acceptance” etc. will be treated as vague offers and it will be rejected accordingly. Any conditional quotation shall be rejected summarily.
- k) **Delivery Period**– within **20 days** from Purchase order.
- l) **Liquidated Damage**: - If the supplier fails to deliver the material on or before the stipulated date, then a penalty at the rate of 0.5 % per week of the total order value shall be levied subject to maximum of 10% of the total order value.
- m) **Payment Terms**: Payment will be only after satisfactorily delivery/ commissioning of material and after inspection by the AIIMS Deoghar.
- n) **Disputes**: -In the event of any dispute or disagreement arising between the contractors and any other department of AIIMS Deoghar with regards to the interpretation of “Terms & Conditions” of this inquiry, the same shall be referred to arbitrator appointed by The Executive Director, AIIMS, Deoghar, whose decision will be final and binding upon the contractor.
- o) AIIMS, Deoghar reserves the right to increase or decrease quantity. Decision of Quantity of items in the AIIMS, Deoghar will be final in this regard.
- p) AIIMS, Deoghar reserves the right to reject any quotation or part or the whole of inviting quotation process without assigning any reason. Decision of The Executive Director, AIIMS, Deoghar, will be final in this regard.
- q) The envelope containing quotation should be sealed with WAX/TAPE on both sides. The quotation received after due date will not be accepted.
- r) Procurement will be as per rule **GFR-155** of Government of India.

Encl.: Annexure 1 (Specification)

Annexure 2 (Format of price bid)

Ref. No: AIIMS/Deo/Physio/2024-25/390

Sl. No.	Name of items	Specifications	Required Quantity
1	Computerized Stethograph	<p>1. General Requirements:</p> <ul style="list-style-type: none"> • Purpose: Measurement and analysis of chest movements during respiration. • Applications: Teaching, research, and demonstration of respiratory physiology. • Design: Compact, portable, and user-friendly for laboratory and field applications. <hr/> <p>2. Sensor and Measurement Mechanism:</p> <ul style="list-style-type: none"> • Sensor Type: High-sensitivity pressure transducer for detecting subtle pressure changes. • Measurement Principle: Operates based on pressure variations in a closed system. • Sensitivity Range: Capable of detecting minimal chest movements (e.g., 0.01–0.1 cmH₂O). • Response Time: <1 ms to capture real-time dynamic respiratory patterns. • Accuracy: ±1% or better to ensure precise measurements. • Stability: Drift-free performance over extended usage. <hr/> <p>3. Corrugated Rubber Tube:</p> <ul style="list-style-type: none"> • Material: Medical-grade, durable, non-toxic rubber. • Length: Approximately 1.5–2 meters for flexible use during different experiments. • Diameter: Inner diameter ~1–2 cm, ensuring optimal air flow and minimal resistance. • Durability: Resistant to wear, tear, and deformation over time. <hr/> <p>4. Computerized Data Acquisition System with LAPTOP</p> <ul style="list-style-type: none"> • Interface: USB or wireless connectivity for real-time data transfer. • Software Compatibility: <ul style="list-style-type: none"> ○ Windows, macOS, and Linux compatibility. ○ User-friendly interface for data visualization and analysis. ○ Graphical representation of respiratory waveforms. ○ Ability to calculate parameters such as tidal volume, respiratory rate, and minute ventilation. ○ Export options (e.g., CSV, Excel, PDF) for further analysis. • Resolution: High-resolution display of waveforms with a sampling rate of 100 Hz or higher. • Data Storage: Internal or cloud-based storage options for maintaining records. 	1 Set.

5. Calibration and Maintenance:

- **Calibration:**
 - Manual and auto-calibration options to maintain accuracy.
 - Standardized calibration settings for respiratory measurements.
 - **Maintenance:**
 - Easy to clean and sterilize all components.
 - Replaceable rubber tubes and sensors.
 - Availability of spare parts.
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6. Power Supply:

- **Source:**
 - Rechargeable battery with 6–8 hours of operational life.
 - Option for AC power supply (220–240V, 50 Hz).
 - **Battery Indicator:** Real-time display of battery levels for uninterrupted use.
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7. Additional Features:

- **Portability:** Lightweight (preferably <2 kg) with a carrying case.
 - **Compliance:**
 - CE, ISO, or equivalent certifications for medical equipment.
 - Adherence to safety and hygiene standards.
 - **Accessories:**
 - Extra corrugated rubber tubes.
 - USB cables for connectivity.
 - Instruction manual with troubleshooting guide.
 - **Warranty:** Minimum 1-year warranty with extended warranty options.
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8. Service Support:

- **After-Sales Support:** Reliable service, including setup, training, and technical support.

Reference no: AIIMS/Deo/Physio/2024-25/390

Date:

[Letter head of firm]

PRICEBID FORM

To,
LPC Chairperson, AIIMS,
Deoghar. Jharkhand

Dear Sir,

I/We..... am/are submitting the quotation for Reference "QUOTATION FOR **COMPUTERIZED STETHOGRAPH** AT AIIMS DEOGHAR FOR REFERENCE NO.: AIIMS/Deo/Physio/2024-25/390 DUE ON **11/04/2025** at 05.00PM" For AIIMS Deoghar.

1. I/We have thoroughly examined, understood and accepted terms & conditions given in the enquiry document, failing which my quotation will be rejected out rightly.
2. I/We hereby offer to supply at the following rates:

S. no.	Name of Item with specification	Unit Price	GST %	Unit price With GST	Total Qty	Total cost	
1							
2							
		Total cost/ amount					
Total cost/amount(in words)							

Note:-

- The bidder must quoted their quotation only in above said format on the letter of firm otherwise quotation will be REJECTED.
- Catalog must be attached with quotation for technical evaluation.

Date:

(Name):

Place:

Name of Firm/Company/Agency:

GSTIN No.:

Phone No:

Email:

(Signature of Authorized Person) _____

Seal: _____