



No.: AIIMS/R/CS/NEO/25/111822/LPC/

Date: 04/11/2025

### **QUOTATION NOTICE**

Request for E-Market Survey for submission of Price Quotation for supply of “Neonatal Resuscitation Advanced Manikin” for Department of Neonatology at AIIMS, Raipur under GFR-2017, Rule-155.

### **NOTICE INVITING PRICE QUOTATION UNDER GFR-2017, RULE-155**

Sealed quotations are invited from intending registered Stockiest/ Distributors having GST/ relevant documents for above said. The quotation should be submitted to Medical College Building, Ground Floor, Gate No. 05, AIIMS, Raipur office of the Stores Officer up to **12/11/2025** before **03:00 pm**. The quotations will be opened on the same day at **03:30 pm**. detailed specifications of items are as under:

| Sl. No | Item of Description                     | Qty. Req. | Make/ Model | HSN Code | Unit Price Rs. | GST | Unit Rate with GST | Total Price Rs. |
|--------|---|-----------|-------------|----------|----------------|-----|--------------------|-----------------|
| 01     | Neonatal Resuscitation Advanced Manikin | 01 Set    |             |          |                |     |                    |                 |

### **Technical Specifications of Neonatal Resuscitation Advanced Manikin:**

- 1) The newborn simulator should be realistic in size and appearance and also natural weight, feel and touch.
- 2) It should be designed for the training of after birth care and standard resuscitation measures.
- 3) The simulator kit should include the following:
  - i. Newborn simulator
  - ii. User guide
  - iii. Baby cap
  - iv. Baby blanket
  - v. USB charger and cable
- 4) It should facilitate practice in effective bag mask ventilation. Chest rise should be seen only with correct technique.
- 5) It should be able to measure bag-mask ventilation performance and connected to a mobile app which provides objective feedback immediately after a session, offering learners concrete tips on how to improve their ventilation skills.
- 6) It should have short and self-directed sessions encouraging low-dose, high-frequency training.
- 7) It should include four different patient cases with varying initial heart rate and lung compliance.
- 8) It should include patient cases based on over 1,200 actual newborn resuscitations, providing realistic ventilation training.
- 9) It should provide objective feedback on ventilation quality in terms of pressure, rate, continuity and airway patency.
- 10) It should allow detection of head tilt for open or closed airways.
- 11) There should be visible chest rise.
- 12) It should have realistic heart rate affected by ventilation performance.
- 13) It should be compatible with NeoBeat (a newborn heart rate monitor that is used for measuring newborn heart rate).
- 14) It should have varying lung compliance can simulate water-filled lungs.

- 15) It should simulate the sound of a newborn baby crying after successful resuscitation
- 16) It should allow running of team scenarios with feedback on the actions performed by the team during the scenario training.
- 17) It should come with umbilical cord with connector to simulate cord cutting.

**Technical Specifications:**

- 18) Product size (L x W x H) (cm): 49x24x12
- 19) Product weight (kg): 1.8
- 20) Operating temperature [°C]: 0 to +40
- 21) Storage temperature [°C] -10 to +50
- 22) Materials: TPU, ABS, LDPE, PVC
- 23) Material Free: Latex, Lead
- 24) Reprocessing methods: Clean all skin parts regularly. Use a lint-free cloth to remove dirt and dust. Clean skin with mild soap and water. Do not submerge. Can be cleaned with antibacterial disinfectant (70% ethanol/isopropanol).
- 25) CE or Notified Body Number: CE
- 26) Product conformity with standards: IEC 62368-1, FCC, IC
- 27) Batteries:
  - i. Lithium battery energy content (Wh) 7.59
  - ii. Lithium Battery Weight: 45g
  - iii. Batteries Required: Rechargeable, embedded in product
  - iv. Number of Lithium-ion cells 1

**For Heartbeat Measurement:**

- 28) The newborn Heart Rate Monitor should be a reusable and consumable-free heart rate meter.
- 29) It should be a hands-free device that is easy to use and should provide an accurate display of the newborn heart rate.
- 30) It should be easy to apply on the newborn with rapid detection of heart rate.
- 31) It should use dry electrodes and should be able to pick up an ECG-based signal.
- 32) It should be able to display a digital heart rate based on ECG (as recommended by ILCOR 2015 guidelines)
- 33) It should come with a mountable charging stand for quick and easy access.
- 34) It should have a bright digital display (for the heart rate) to guide the healthcare team to make informed decisions during the care of the newborn.
- 35) It should allow the placement on the back of the baby to obtain heart rate while enabling skin-to-skin.
- 36) The device should be compatible with a newborn simulator to aid in the training while providing the heart rate.

**Technical Specifications**

- 37) Product size (L x W x H) [cm]: 8.3x8.7x4.0
- 38) Product weight (kg): 0.0031
- 39) Operating temperature (°C): 0 to +40
- 40) Storage temperature [°C] -40 to +70
- 41) Materials: Polyamide, TPU
- 42) Material Free: Latex, Lead

- 43) Reprocessing methods: Wipe all surfaces of the product with a clean cloth soaked with 70% ethanol Spray 70% ethanol on all surfaces of the product. Ensure it remains wet for a minimum of 10 minutes. Repeat spraying if necessary to account for evaporation. Allow to air dry.
- 44) CE or Notified Body Number: CE2460
- 45) Product conformity with standards. IEC 60601-1, ISO 10993
- 46) Batteries:
  - i. Lithium battery energy content [Wh]: 0.44
  - ii. Lithium Battery Weight: 3.2g
  - iii. Batteries Required: Rechargeable, embedded in product
  - iv. Number of Lithium-ion cells: 1
- 47) Storage requirement: Battery needs to be recharged every 6<sup>th</sup> month when product is not in use.

**Terms and Condition:-**

1. Rate should be mentioned in word and figures both.
2. Taxes, if any (Should be clearly mention).
3. Delivery Schedule – within 30 days from the date of issue of P.O.
4. Price should be F.O.R. destination basis (Department of Neonatology, AIIMS Raipur).
5. 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 should be deducted.
6. Quotation No. /Name and Due date of opening must be mentioned on top of envelop.
7. GST rates applicable on your quoted item may please be confirmed. HSN code should be clearly mentioned.
8. Please confirm if there any change (Upward/Reduction) in your Basic Price structure. And you are also requested to pass the Input Credit as per the following Anti Profiteering Clause of GST. “Upon Implementation of GST, any reduction in the rate of tax on supply of goods or service or the benefit of input tax credit shall be passed on to AIIMS Raipur by way of commensurate reduction in the prices.
9. The GST registration details may please be furnished.
10. No Part supply or Part Payment will be entertained.
11. 100% payment against receipt and acceptance of material. No claim will be entertained regarding interest on any payment of any circumstance.
12. Where there is statutory requirement for tax deduction at source, such deduction towards income tax and other tax as applicable will be made from the bills payable to the supplier at rates as notified from time to time.
13. No payment shall be made for rejected stores. Rejected equipment’s must be removed by the supplier within two weeks of the dated of issue of rejection advice at their own cost & replace immediately. In case these are not removed these will auctioned at the risk and responsibility of the suppliers without notice.
14. Brand, make and warranty should be clearly mentioned in offer (if required).
15. Installation and commissioning will be done by firm (if applicable).
16. RTGS detail required for payment purpose.
17. AIIMS Raipur reserves the right to place order for full of part quantity to one or more firm.
18. Validity of offer should not be less than 90 days.
19. The quantity shown in above column are totally tentative, it can be increase and decrease at the time of placement of order.
20. Product should be of highly standard and superior quality.

**Stores Officer  
AIIMS, Raipur (C.G.)**