

**ALL INDIA INSTITUTE OF MEDICAL SCIENCES**  
**Bilaspur, Himachal Pradesh**

No. AIIMS-BLS/CON/2025/NIQ/2

Dated: 01/01/2025

**NOTICE INVITING QUOTATION**

**Supply of Pregnancy Simulator at College of Nursing, AIIMS Bilaspur**

Sealed quotations are invited from registered stockists/ distributors/ manufacturers having GST No. for the Supply of Pregnancy Simulator at College of Nursing, AIIMS Bilaspur items for laboratories at College of Nursing as per the detailed specifications (Annexure-A). Sealed Quotations in a single envelope duly super subscribed at the top of the envelope as "**Quotation No. AIIMS-BLS/CON/Procurement of descoped items for CON/2024/NIQ/**for the Supply of Pregnancy Simulator, accessories consumables and miscellaneous items for installing at College of Nursing **due date of opening 20/01/2025**" containing both the "Technical Bid" and "Price Bid" (in two separate envelopes) may be submitted so as to reach on or before 20/01/2025 up to 11:00 A.M in Conference room of College of Nursing, AIIMS Bilaspur, Kothipura, Bilaspur, Himachal Pradesh PIN- 174001. Bidders have to quote for all the items. Late bids will not be considered. The bids shall be opened in the presence of duly constituted local purchase committee .

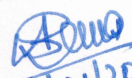
For the purpose of technical evaluation, the bidder is required to submit following documents.

**Technical Bid:**

1. Profile-Name & Full Address of the firm & year of establishment.
2. Copy of permanent GST registration certificate.
3. Copies of supply orders secured during 2022-23 for the similar products.
4. Turnover for last two years (2021-22 & 2022-23).
5. Self-declaration that the firm is not debarred by MoHFW or Department of Commerce.
6. Full description, make and quantity of the item must be mentioned in the quotation.
7. Technical Evaluation will be based on total value wise

In case the Technical Committee rejects a sample (if asked for) or the bid is "Not Qualified" on technical grounds, the financial bid in respect of that item will not be considered.

**Financial Bid:** The rates and total cost must be quoted in both words and figures (over writing not allowed). Selection will be made purely on the basis of lowest price quoted by technically qualified firms. Validity of the quotation should be for a minimum period of 90 days in case discrepancy between unit price & total price, the unit price shall prevail.


  
01/01/2025  
डॉ. आदित्य शर्मा  
Dr. Aditya Sharma  
आचार्य सह प्राचार्य  
Professor cum Principal  
नर्सिंग कॉलेज, अ.भा.आ.स. बिलासपुर (हि. प्र.)  
College of Nursing, AIIMS Bilaspur (H.P.)

**Financial Bid submission format** for items with quantity required is as under: -

Sr. No.	Item Detail	Qty Required	Make	Model	HSN Code	Unit Price	GST @	Unit price with tax	Total Amount

Other terms and conditions will be as follows: -

1. Supply will be F.O.R. at AIIMS-Bilaspur
2. Supply will have to be arranged within 15 days from the issue of supply order. Delayed supplies beyond 15 days from the date of Supply Order will be subject to LD @0.5% per week or part thereof, on the contract price subject to maximum of 10% of contract price beyond which the supply order will be liable to be cancelled.
3. Supply must conform to samples wherever asked for.
4. The Institute reserves the right to reject the goods if the same are not found in accordance with the specifications approved/ asked for. In case there is a short/defective supply, the firm will be informed and the defective material will be lifted from the concerned department/ Store by the supplier at their own cost within two weeks' period. The Institute will not bear any expenses on this account.
5. Samples will be preserved till final settlement.
6. Bidder is required to quote rate of 100% items.
7. Part supply will not be accepted.
8. No revision in rate (on higher side) will be accepted at any stage.
9. The firm shall not assign or sublet the work/job or any part of it to any other firm.
10. Billing will be in the name of Executive Director, AIIMS-Bilaspur. Payment will be made after the item has been received, inspected & accepted. No advance payment will be made at any stage.
11. Taxes at other government levies will be paid extra as applicable.
12. Venue for sample verification (if asked for) and quotation opening shall be in conference room of College of Nursing, AIIMS Bilaspur, Kothipura, Bilaspur, Himachal Pradesh PIN- 174001.
13. In case manufacturer participates, dealers will not be allowed or disqualified.
14. For any query, please contact Dr. Jyoti Kathwal, Assistant Professor, College of Nursing, 01978-280462, E-mail [office.nur@aiimsbilaspur.edu.in](mailto:office.nur@aiimsbilaspur.edu.in)

  
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## Pregnancy Simulator

### **A) Normal/Breech/Shoulder dystocia/VAD deliveries**

1. The simulator that is ideal for demonstrating the mechanics of various birthing positions and train skills including abdominal
2. vaginal examinations, normal birth, vacuum assisted delivery, shoulder dystocia and breech.
3. It can be used as a tabletop model for demonstration and skills training, and it is ideal for in-situ team simulation and training respectful care.
4. Skills trainer with anatomically correct landmarks
5. The simulator offers unique features, yet it is significantly more affordable than other simulators.
6. It is made of durable fabrics, requires no lubrication during use, and has passed durability test for 3000 deliveries.

### **Birthing simulator should have the facilities to train the following:**

- Fetal heart rate Monitoring
- Vaginal delivery
- Breech delivery
- Vacuum delivery
- Incomplete placenta
- Birthing Simulator and Skills Trainer

### **B) PPH Manikin**

- The Simulator Should be simple, non-electrical and highly realistic for training control of postpartum hemorrhage.
- The simulator should be strapped onto instructor and shall manually control the amount of bleeding and the conditions of uterus.
- Instructor shall control dilation of the placenta and fetal heart sounds.
- Simulator should comprise the following,
- Birthing simulator
- Placenta w/umbilical cord
- Blood concentrate
- Newborn Suction
- Fetal stethoscope
- Fluid collection tray
- Fluid drain
- Urine catheter
- 20 ml syringe
- Newborn skull w/fontanellas
- Newborn Simulator

*Dr. Aditya Sharma*  
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J. A. B. A. S. Bilaspur (H. P.)

- Backpack
- Squeeze bulbs for simulation of birth cries, spontaneous breathing, palpable umbilical pulse and auscultation of heart sounds
- External umbilical cord and 2 umbilical tie
- Sheets to simulate towel Head cap
- Storage/carrying pouch
- Directions for use

#### Following shall be trained

- Urine bladder catheterization
- Fetal heart rate Monitoring
- Breech delivery
- Vacuum delivery
- Incomplete placenta
- Oxytocin injection
- Controlled cord traction
  - **C-Section Manikin**
    1. C sections including surgical technique.
    2. Abdominal delivery including breech and deeply engaged head.
    3. Severe PPH management through B-Lynch suture, and suturing of the uterus and abdominal tissue layers.
    4. It should be suitable for abdominal and vaginal examinations, normal birth, vacuum assisted delivery, shoulder dystocia and breech birth.
    5. To demonstrate and practice evidence-based surgical techniques during cesarean section. Techniques includes delivery of the baby and placenta as well as suturing of the uterus and abdominal layers.
    6. No need for additional consumables such as lubricants or replacements. It is made with durable textile materials, allowing the simulator to be reused for 1500 delivery cycles and 500 cesarean deliveries with suture.
    7. Train for the entire continuum of care, from labor management and decision making, to managing complicated births and necessary cesarean sections. All with respectful care for mother and baby.

#### IUD Insertion Manikins

The trainer should consist of uterus training models with accompanying essential instruments for IUD insertion.

The trainer should allow comprehensive IUD training at all the three main stages.

- A simplified human anatomical model of a Postpartum Uterus after birth: It supports training in postpartum intrauterine device insertion, uterine balloon tamponade insertions and other postpartum uterus interventions.
- A simplified human anatomical model with both an interval uterus and a post-abortion uterus: It supports training for a variety of sexual and reproductive health interventions such as vaginal examinations, IUD insertion and removal, and for inspecting anteverted and retroverted position of the uterus

- Should be 15years AMC/CMC
- Should be equivalent to BIS standards
- Should include necessary spare/accessories in the purchase cost.

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