

TENDER NOTICE

ADVANCED DELIVERY AND MATERNAL AND NEONATAL EMERGENCY SIMULATOR

1. This college requires Qty 01 x Advanced Delivery and Maternal and Neonatal Emergency Simulator, which must consist of a delivery maternal manikin and a normal newborn, according to the basic requirement of obstetrics, providing a complete birth experience and emergency skills operation. The simulator must have features to include automatic delivery system, fetus and placental expulsion, prenatal cervix examination and postpartum episiotomy, prenatal gravida and fetus and postpartum maternal and neonatal care, removable stomach cover, multiple fetal heart sounds auscultation and CPR operation etc.
2. The model must be made up of High Quality PVC material.
3. The stomach wall should be injection-molded. Perineum must be made of sponge emulsion material, features soft texture, good flexibility, realistic operation, reasonable structure and durability.
3. The detailed required features are as follows : -
 - 3.1 Advanced Delivery maternal manikin to practice Maternal Care.
 - 3.2 Life-Size Maternity, soft and removable stomach cover can be replaced for a auscultation stomach cover and c-section stomach cover.
 - 3.3 Maternal Tracheal intubation.
 - 3.4 **Automatic Birthing System to Simulate the Entire Birthing Process.** It must simulates Normal delivery process via occiput right interior position; demonstrate engagement-descent-m flexion-inner rotation-extension-reset and external rotation-fetal shoulder expulsion etc. The model should also simulate difficult labor and midwifery course and must also simulate normal and abnormal fetal position (Head Birth and Breech Delivery).
 - 3.5 Must carryout Multiple Fetal Heart Sound Auscultation.
 - 3.6 Must provide prenatal Cervix Examination; to simulate 6 stages of Cervical Dilation.
 - 3.7 Should be able to measure Fetal Head Descent and Cervical Dilation.
 - 3.8 Must simulate Normal Placenta location, multiple placenta locations and placenta chips residue.
 - 3.9 Vulval incision and suturing modules can be inserted into perineum to practice perineotomy, suturing and wound nursing after perineotomy.
 - 3.10 Postpartum uterine bleeding and Fundal massage.



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- 3.11 Venous injection on maternal Arm, Drug Treatment and liquid infusion.
- 3.12 Maternal Carotid artery pulse.
- 3.13 Maternal blood pressure measurement.
- 3.14 Maternal CPR.
- 3.15 Articulating Normal Birthing Baby with umbilical cord and normal placenta, life size. It can practice umbilical cord ligation and placental expulsion.
- 3.16 Neonatal transfusion simulator, providing Newborn baby Nursing, Tracheal intubation, Venous Injection.

4. Sealed Quotations for the above product are **invited by 30 Jan 2026 upto 1:30 PM**. The quotations received after due date of receipt and without GST Number, will not be entertained. The quotations without date and/or having over writing will summarily be rejected.

5. The rate must include all types of taxes and F.O.R. at campus. **Warranty, if any, must be specifically mentioned in the quotation.**

6. A notice period of 15 days will be given to the lowest bidder to supply the above product, on issuance of the Supply Order. No advance payment will be released.

7. The management of Army College of Nursing, Jalandhar Cantt in no way will be responsible, in case the product is damaged during shipping.

8. Post delivery of the product, the bidder will also arrange a training session of the product. **The payment will only be released after conduct of the training session.**

9. In case of any clarification, parties may call at 82838-24167 between 09:00 AM to 3:30 PM on any working day.

Dated : 20 Jan 2026


Principal
Army College of Nursing
Jalandhar Cantt