Sealed tender are invited from manufacturers or their authorized dealers for the following Item on the terms and conditions mentioned below:

Quotation should reach this office on or before 22/02/2018 by 3:00 PM.

**ADVANCED CARDIAC LIFE SUPPORT TRAINING MANNEQUIN : FULL BODY**

**Specification :-**

It should have anatomically realistic airway including cricoid cartilage allows training in basic to intermediate airway management with various adjuncts including:

a) Oropharyngeal and Nasopharyngeal airway insertion
b) Bag-Valve-mask
c) LMA
d) Combitube®
e) Laryngeal tube airway
   - It should be supplied with :
   a) Full body adult manikin with clothes
   b) Airway management head
c) IV arm
d) Wireless control with accessories.
e) Simulated blood and airway lubricant
g) Hard carry case
h) Manual

- The software should allow comprehensive instructor-to-student debriefing and documentation of key events.
- It should also allow training of first aid and extrication practices with the help of optional first aid and rescue limbs.
- It should have an IV arm provides proficiency in venipuncture and IV administration
- It should allow live defibrillation and allow users to incorporate live AED or manual defibrillators during the learning experience.
- It should have 4 connector 3-lead features allows students to monitor ECG reading during training
- It should have automatically generated carotid pulses are synchronized with ECG and allow realistic pulse check during training.
- It should have wireless (WI-FI) instructor control and intervention during training
- It should give feedback on detailed information about CPR performance during training and debriefing.
- It should be able to give comprehensive performance report for after action instructor to student debriefing.
- It should have eyes for pupil assessment
- Normal –Dilated –Constricted
- It should have automatically generated carotid pulse both sides
- It should have defibrillation capabilities(25-360j)
- Synchronized variable rate,Rhythm abnormalities and duration
- Pacing –threshold 20 to 200mA
- The model must simulate the following cardiac rhythms in the manikin:
  - Normal sinus rhythm (NSR)

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• Ventricular Tachycardia, Pulseless
• Ventricular Tachycardia with pulse
• Asystole
• PEA/EMD (Pulseless electrical activity/Electromechanical dissociation)

CPR Feedback
• It should have live feedback when performing CPR in both automatic and manual modes.
• Detailed information about chest compression, compression rate, ventilation volume, hand positioning hands off time shown in a combined graphical display.
• Performance summary
• Debriefing screen
• It should have vocal sound—computer generated sounds, mixed with live voice input.

Terms & Conditions:
1. Make, Model, Rate, Warranty & GST detail MUST BE Clearly mentioned in the quotations.
2. Only typed quotations/tenders bearing GSTIN No. on original letter head will be entertained and please provide GST-HSN code on each item separately.
3. Manufacturers/ Authorised dealer’s certificate must be attached with the quotations/Tenders.
4. Cutting/over writing on quotations/tenders will not be accepted.
5. The firm must be registered supplier in central purchase organization (e.g. DGS&D)/National small scale industries/Central purchase office A.M.U. Aligarh.
6. List of users for the quoted item with contact no. should be provided Photocopy of purchase order along with terms and conditions of contract received from any Govt/Public sector institution in last 2 years for supply of offered equipment must be enclosed with the price bid.
7. Installation and Commissioning will be the responsibility of the supplier & after sale service should be provided.
8. The Instruments/Equipment should be rust proof, made from surgical grade stainless steel and should be FDA European CE.
9. The Instruments/Equipment might be called for demo, and approval. It is sole discretion of the department to approve or disapprove the quality.
10. Comprehensive onsite warranty 03 years & detail after sale service backup in warranty period must be clearly mentioned.
11. The payment shall be made against bill and satisfactory installation. No advance payment is possible.
12. The rate must be quoted in Indian rupees and F.O.R JNMC Hospital.

Medical Superintendent
J.N. Medical College Hospital
A.M.U., Aligarh

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