



अखिल भारतीय आयुर्विज्ञान संस्थान
ALL INDIA INSTITUTE OF MEDICAL SCIENCES
मंगलगिरी, गुंटूर (आंध्र प्रदेश) 522503
Mangalagiri, Guntur District (Andhra Pradesh) – 522503
Website: <https://www.aiimsmangalagiri.edu.in/>

Date: **26/02/2025**

WMS/NIQ No: AIIMS/MG/Procurement/06/ATLS Practising Manikin/Department - College of Nursing.

Sub: –“NIQ for Supply of ATLS Practising Manikin” at AIIMS Mangalagiri.

Notice Inviting Quotations

On behalf of The Executive Director, AIIMS Mangalagiri Quotations are invited with price bid and other documents from eligible Manufacturers/ Firms/ Companies/ Authorized Agents/ Distributors/ Dealers/ Supplier Agencies for “**Supply of ATLS Practising Manikin**” at **AIIMS Mangalagiri**, as per specified terms and conditions.

1. Schedule of Requirement: -

S.No	Description of Items	Required Quantity
1.	ATLS Practising Manikin	01 No

II. Technical Specifications

It should be a full body manikin suitable for providing advanced nursing care to trauma victims.

It should have the following for trauma evaluation:

1. Metal pricking wound
2. Opened tibia fracture of right leg
3. Opened fracture of right foot with truncating trauma on small phalanx
4. Burns in left forearm: all degrees of burns
5. Truncating trauma on left thigh
6. Closed tibia fracture of right leg and contusion wounds in left ankle and foot.
7. Chest wall section and suture incision
8. Oral and nasal feeding
9. Chest wall incision sutured wound care and Abdominal incision sutured wound care
10. Thigh injury incision sutured wound care and thigh skin laceration care
11. Leg infective ulcer care
12. Upper arm amputation wound care and Below knee amputation wound care
13. Foot gangrene care of all degrees and toe wound care
14. Facial burns of various degrees
15. Laceration in forehead and wound in jaw
16. Opened clavicular fracture and contusion wound on the chest
17. Wound in abdomen with small intestine evisceration
18. Opened humerus fracture of right upper arm
19. Opened fracture of right hand (including parenchyma laceration, fracture and bone tissue exposure)
20. Gun shot wound in the right palm
21. Opened fracture of right thigh bone and Compound femur fracture of left thigh
22. Abdomen wall section and suture incision
23. Thigh section and suture incision and Tear of the thigh skin

24. Infective ulcer of thigh
25. Foot phacelus, decubitus ulcers toes and heel
26. Amputation stump of upper arm
27. Amputation stump of leg
28. Central line insertion
29. CVP Monitoring

It should allow nursing students to learn following skills:

1. Hair and face washing
2. Eye and ear cleaning and administering medications
3. Oral cavity and artificial teeth care
4. Endotracheal intubation
5. Tracheotomy care
6. Suctioning
7. Oxygen administration
8. Oral and nasal feeding
9. Gastric lavage
10. Main organs in the thoracic cavity
11. Venipuncture, injection, blood transfusion (Arm)
12. Deltoid subcutaneous injection
13. Vastus lateralis injection
14. Thoracic cavity, abdominal cavity, liver, bone marrow
15. Lumbar puncture
16. Enema
17. Female urethral catheterization
18. Male urethral catheterization
19. Female bladder irrigation
20. Ostomy and care
21. Holistic nursing: sponge bath, replacing clothes

111. Should be supplied with one No each of Medicine cart, Crash Cart, , Leg Splint Cervical Collar and Spinal Board.

IV. Should be supplied with a hospital Bed with adjustable back and foot end.

V. Cardiac Monitor With facility of monitoring ECG, Blood pressure, pulse oximetry, Respiration and temperature monitoring and inbuilt thermal printer

Vi. Should be supplied complete with Defibrillator with following specifications

- a) Defibrillator should have 7" color TFT display for ECG waveform and parameter selection
- b) Waveform must be Biphasic Truncated Exponential
- c) Should have energy selection from 2 to 200 joules in 12 steps
- d) It should Display the selected and charged/delivered energy
- e) it should have fast Charging time 6 sec on mains
- f) Should have built in printer
- g) Should have front panel keyboard for Unit on-off
- h) It should have Operation User adjustable high & low limit, Audible and visual alarming
- i) It should have adjustable Alarm and 24 hrs. Graphical and tabular trend
- j) It must have the Charge/Discharge and shock button on front panel and paddles.
- k) Should have LED indicator for display of Low battery and battery charging

- l) Should have inbuilt rechargeable Battery 12 V 4.5 Ah
- m) Battery capacity should be 5 hours for monitor and 70-100 shock on full charge
- n) Should operate on 150-270 VAC, 50 Hz

COMPREHENSIVE WARRANTY OF 5 YEARS

III. Terms and Conditions

1. The sealed quotation must have valid GST number
 2. Rates quoted must include all types of taxes and other possible expenses. No other charges will be considered.
 3. The payments will be made against delivery item with valid invoice and E-way bill through electronically viz RTGS/NEFT. The following information also to be mentioned in the quotation.
 - a. Name of the beneficiary:
 - b. Account No. of the beneficiary:
 - c. IFSC of the bank/branch:
- d). Delivery period:** Delivery period of the items shall be **10 days** from the issue of supply order. In the event of any deviation, the supply order may be cancelled.
- e).** The quotations will be **opened on 03/03/2025, 03:00 PM** at Opp: Mortuary Complex Block, Logistics Building No.5, 2nd Floor, Room No.2151 AIIMS Mangalagiri.
- f).** Vendors requested to attend at time of opening of bid.
- g). Penalty:** Penalty @ **0.50% per week** will be levied for late delivery on supply order value of the item and will be deducted from the payment Bill. The maximum penalty will be **10 %** of total value against any of Purchase/Supply Order total value.
- h). Warranty Period:** Should be clearly mentioned in the quotation as per the OEM or company norms.
- i). Price Quotation:** Cannot exceed **Rs 5 Lakhs**.
- j) Price Validity:** The quoted prices should remain valid for a period of **180 days** from date of opening of NIQ.
- k).** The outer envelope should be super scripted as **“Supply of ATLS Practising Manikin” at AIIMS Mangalagiri**.

IV. The duly sealed and super scribed Quotations should reach **Procurement Cell, Opp: Mortuary Complex, Logistics Building No-5, Room No. 2151, AIIMS Mangalagiri, Guntur-522503** by **01:00 PM on 01/03/2025**.

Sd/-
AAO (Procurement)
AIIMS, Mangalagiri