

Tender

For

Manikin

At

All India Institute of Medical Sciences, Jodhpur

NIT Issue Date : April 16th, 2015
NIT No. : Admn/Tender/01/2015-AIIMS.JDH
Pre-Bid Meeting : April 27th, 2015 at 11:00 AM.
Last Date of Submission : May 07th, 2015 at 03:00 PM.



All India Institute of Medical Sciences, Jodhpur

Basni Phase - II, Jodhpur, Rajasthan-342005.

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All India Institute of Medical Sciences (AIIMS), Jodhpur, Rajasthan, an apex healthcare institute being established by an Act of Parliament of India under aegis of Ministry of Health & Family Welfare, Government of India, invites sealed tenders for supply & installation of the Manikins at the institute. You are requested to quote your best offer along with the complete details of specifications, terms & conditions.

Chapter-I

S.No	Item Description	Quantity	EMD (Rs.)
01.	CPR Training system BLS Torso.	10	6,000
02.	Infant CPR Training.	10	4,000
03.	Advanced CPR Training system with feedback.	01	20,000
04.	ACLS Training system with wireless control & patient monitor.	01	20,000
05.	Adult Airway Management Trainer (Adult-AMT).	01	6,000
06.	Central line manikin with femoral & neck pad.	01	10,000

Quotation should be sealed and super-scribed with tender number and address to:

“Administrative Officer
All India Institute of Medical Sciences, Jodhpur
Basni, Phase-II
Jodhpur-342005, Rajasthan”.

The sealed quotations should reach the Institute, latest by 07th May, 2015 at 03:00 PM and it will be opened on same day at 03:45 PM in the Conference Hall, Academic Block, AIIMS Jodhpur in the presence of the bidder(s) or their authorized representative(s), who will present at the scheduled date and time.

Terms & Conditions:

- Preparation and Submission of Tender:** The tender should be submitted in two parts i.e. Technical Bid and Financial Bid. The Technical Bid and the Financial Bid should be sealed by the bidder in two separate covers “**Technical Bid for Tender for Supply of Manikins**” and “**Financial Bid for Tender for Supply of Manikins**”. Both Sealed Envelopes should be kept in a main/ bigger envelope super-scribed as “**Tender for Supply of Manikins**”.
- Earnest Money Deposit: Earnest Money Deposit:** The bidder shall be required to submit the Earnest Money Deposit (EMD) for an amount as per Chapter-I by way of demand drafts only. The demand drafts shall be drawn in favour of “**All India Institute of Medical Sciences, Jodhpur**”. The demand drafts for earnest money deposit must be enclosed in the envelope containing the technical bid. The EMD of the successful bidder shall be returned after the successful submission of Bank Guarantee/ Security Deposit and for unsuccessful bidder(s) it would be returned after award of the contract. Bid(s) received without demand drafts of EMD will be rejected.

The EMD of the successful bidder shall be returned after the successful completion of contract/ order and for unsuccessful bidder(s) it would be returned after award of the contract. Bid(s) received without demand drafts of EMD will be rejected.

The firms who are registered with National Small Industries Corporation (NSIC) / OR Small Scale Industrial (SSI) are exempted to submit the EMD (copy of registration must be provide along with).

2. **Tender Fee:** Tender fee will be Non-refundable amount of Rs. 1,000/- (Rupees One Thousand only) **Each Item** by way of demand drafts only. The demand drafts shall be drawn in favour of “**All India Institute of Medical Sciences, Jodhpur**”. Bids received without demand draft of tender will be rejected.
3. **Validity:** The quoted rates must be valid for a period for 180 days from the date of closing of the tender. The overall offer for the assignment and bidder(s) quoted price shall remain unchanged during the period of validity. If the bidder quoted the validity shorter than the required period, the same will be treated as unresponsive and it may be rejected.
4. **"PRE –BID Meeting" with the intending bidders shall be held on 27th April, 2015 from 11:00 A.M. onwards at AIIMS, Jodhpur.**
5. In case the tenderer withdraws, modifies or change his offer during the validity period, bid is liable to be rejected and the earnest money deposit shall be forfeited without assigning any reason thereof. The tenderer should also be ready to extend the validity, if required, without changing any terms, conditions etc. of their original tender.
6. **Delivery and Installation:** The items shall be delivered within **30 days** of issue of supply order at AIIMS, Jodhpur. Satisfactory installation / commissioning and handover of the items will be completed within two weeks from the date of receipt of the goods at the AIIMS, Jodhpur premises. The successful tenderer will also provide required training for supplied items at AIIMS-Jodhpur.

All the aspects of safe delivery, installation and commissioning shall be the exclusive responsibility of the supplier. If the supplier fails to deliver, install and commission the goods on or before the stipulated date, then a penalty at the rate of 2% per week of the total order value shall be levied subject to maximum of 10% of the total order value. The successful tenderer will also provide required training for supplied items at AIIMS Jodhpur. The goods should be manufactured after adoption of latest technology.

If at any time during the currency of the contract, the supplier encounters conditions hindering timely of the goods and performance of services, the supplier shall promptly inform the AIIMS, Jodhpur for extension of the delivery schedule accordingly. On receiving the supplier's communication, the AIIMS, Jodhpur shall examine the situation as soon as possible and, at its discretion, may agree to extend the delivery schedule, with or without liquidated damages for completion of supplier's contractual obligations by issuing an amendment to the contract.

In the case of package supply where the delayed portion of supply materially hampers installation and commissioning of the systems, liquidated damages charges shall be levied as above on the total value of the concerned package of the purchase order. Quantum of liquidated damages assessed and levied by the purchaser shall be final and not challengeable by the supplier.

7. **Performance Security:** The supplier shall require to submit the performance security after receipt of supply order in the form of irrevocable Bank Guarantee (BG) / or Fixed Deposit Receipt (FDR) issued by any Scheduled Bank for an amount of which is equal to the 10% of the order value and should be kept valid for a period of 60 day beyond completion of all the contractual obligation, including CMC period.
8. **Incidental Services:** The supplier shall be required to perform the following services:-
 - a. Installation & Commissioning, Supervision and Demonstration of the goods.
 - b. Providing required jigs and tools for assembly, minor civil works required for the completion of the installation.
 - c. On Site Training to Doctors/ Technicians/ Staff is to be provided by Supplier for operation and maintenance of the equipment for a period of 30 working days after successful installation of the machine, as per direction of user department.

- d. Supplying required number of operation & maintenance manual for the goods.
- e. To provide non-locked open software and standard interface inter-operability conditions for networked equipment's in hospital management information system, wherever applicable.

9. Accessories & Consumables: The separate price list of all accessories and consumables, if any, must be attached/ enclosed along with the Financial Bid.

10. After Sales Service: After sales service centre should be available on 24 (hrs.) X 7 (days) X 365 (days) basis. Complaints should be attended properly, maximum within 24 hrs to ensure an uptime of minimum 95%, wherever applicable, failing which the necessary penalty measures shall be enforced.

11. Inspection:

- a. AIIMS, Jodhpur shall have the right to inspect and/or to test the goods to confirm their conformity to the NIT Specifications at no extra cost to the Purchaser.
- b. AIIMS, Jodhpur right to inspect, test and, where necessary, reject the Goods after the goods arrival at the final destination shall in no way be limited or waived by reason of the Goods having previously been inspected, tested and passed by AIIMS, Jodhpur prior to the goods shipment.
- c. The Director, AIIMS Jodhpur shall be the final authority to reject full or any part of the supply which is not confirming to the specification and other terms and conditions.
- d. No payment shall be made for rejected Stores. Rejected items must be removed by the Bidders within two weeks of the date of rejection at their own cost and replaced immediately. In case these are not removed, these will be auctioned at the risk and responsibility of the suppliers without any further notice.

12. Documents:

- a. All pages of the Tender should be numbered and indexed.
- b. The bidder shall provide in its tender the required as well as the relevant documents like technical data, literature, drawings etc. to establish that the goods and services offered in the tender fully confirm to the goods and services specified by the purchaser in the tender documents. For this purpose the bidder shall also provide a clause-by-clause commentary on the technical specifications and other technical details incorporated by the purchaser in the tender documents to establish technical responsiveness of the goods and services offered in its tender duly indicating relevant page numbers in the product literature.
- c. The bidder shall provide a list of major Government and Private Institutions where its relevant bid item has been supplied during last one year.

13. Insurance: - The supplier shall make arrangements for insuring the goods against loss or damage incidental to manufacture or acquisition, transportation, storage and delivery. If the equipment's is not commissioned and handed over to AIIMS, Jodhpur within specified period, the insurance will have to be extended by the supplier at their cost till the successful installation, testing, commissioning and handing over of the goods to the AIIMS, Jodhpur.

14. Tender Currencies:

- a. The bidder supplying indigenous goods or already imported goods shall quote only in Indian Rupees. Further, imported goods to be imported and supplied by the bidder are also required to be quoted in Indian Rupees.
- b. For imported goods if supplied directly from abroad, prices shall be quoted in any freely convertible currency say US Dollar, Euro, GBP or Yen. As regards price(s) for allied services, if any, required with the goods, the same shall be quoted in Indian Rupees only, if such services are to be performed /undertaken in India.
- c. Tenders, where prices are quoted in any other way shall be treated as non -responsive and rejected.

15. Tender Prices: While filling up the columns of the Financial Bid, the following aspects should be noted for compliance:

For domestic goods or goods of foreign origin located within India, the prices in the corresponding Financial Bid shall be entered separately in the following manner:

- a. The price of the goods, quoted ex-factory/ ex-showroom/ ex-warehouse/ off-the-shelf, as applicable, including all taxes and duties like sales tax, CST/ VAT, CENVAT, Custom Duty, Excise Duty etc. already paid or payable on the components and raw material used in the manufacture or assembly of the goods quoted ex-factory etc. or on the previously imported goods of foreign origin quoted ex-showroom etc.;
- b. Any sales tax or other taxes and any duties including excise duty, which will be payable on the goods in India if the contract is awarded;
- c. Charges towards Packing & Forwarding, Inland Transportation, Insurance, Loading/Unloading and other local costs incidental to delivery of the goods to their final destination as specified in the List of Requirements and Financial Bid;
- d. The price of Incidental Services, as mentioned in List of Requirements and Financial Bid;
- e. The prices of Turnkey (if any), as mentioned in List of Requirements, Technical Specification and Financial Bid; and
- f. The price of annual CMC, as mentioned in List of Requirements, Technical Specification and Financial Bid.

For goods offered from abroad, the prices in the corresponding Financial Bid shall be entered separately in the following manner:

- a. The price of goods quoted FOB port of shipment, as indicated in the List of Requirements and Financial Bid;
- b. The price of goods quoted CIF port of entry in India as indicated in the List of Requirements and Financial Bid;
- c. The price of goods quoted for delivery at AIIMS, Jodhpur as indicated in the List of Requirements, Financial Bid and Consignee List;
- d. Wherever applicable, the amount of custom duty with CDEC applicable on CIF value on the goods to be imported;
- e. The charges for Loading/Unloading, Inland transportation, Insurance and other local costs, Incidental cost to delivery of the goods from the port of entry in India to AIIMS, Jodhpur, as specified in the List of Requirements and Financial Bid;
- f. The charges for Incidental Services, as in the List of Requirements and Financial Bid;
- g. The prices of Turnkey (if any), as mentioned in List of Requirements, Technical Specification and Financial Bid; and
- h. The price of annual CMC, as mentioned in List of Requirements, Technical Specification and Financial Bid.

Additional information and instruction on Duties and Taxes: If the Bidder desires to ask for excise duty, sales tax/CST / VAT/ CENVAT, Custom Duty, Service Tax, Works Contract Tax etc. to be paid extra, the same must be specifically stated. In the absence of any such stipulation the price will be taken inclusive of such duties and taxes and no claim for the same will be entertained later.

Excise Duty:

- a. If reimbursement of excise duty is intended as extra over the quoted prices, the supplier must specifically say so also indicating the rate, quantum and nature of the duty applicable. In the absence of any such stipulation it will be presumed that the prices quoted are firm and final and no claim on account of excise duty will be entertained after the opening of tenders.
- b. If a Bidder chooses to quote a price inclusive of excise duty and also desires to be reimbursed for variation, if any, in the excise duty during the time of supply, the Bidder must clearly mention the same and also indicate the rate and quantum of excise duty included in its price. Failure to indicate all such details in clear terms may result in rejection of that tender.
- c. Subject to sub clauses (i) & (ii) above, any change in excise duty upward/downward as a result of any statutory variation in excise duty taking place within contract terms shall be allowed to the extent of actual quantum of excise duty paid by the supplier. In case of downward revision in

excise duty, the actual quantum of reduction of excise duty shall be reimbursed to the purchaser by the supplier. All such adjustments shall include all reliefs, exemptions, rebates, concession etc. if any obtained by the supplier.

Sales Tax: - If a bidder asks for sales tax/CST / VAT/CENVAT, Service Tax and Works Contract Tax to be paid extra, the rate and nature of sales tax applicable should be shown separately. The CST / VAT/CENVAT, Service Tax and Works Contract Tax will be paid as per the rate at which it is liable to be assessed or has actually been assessed provided the transaction of sale is legally liable to sales tax/ CST / VAT/CENVAT, Service Tax and Works Contract Tax and is payable as per the terms of the contract.

Octroi Duty and Local Duties & Taxes:- Normally, goods to be supplied to Government departments against Government contracts are exempted from levy of town duty, Octroi duty, terminal tax and other levies of local bodies. However, on some occasions, the local bodies (like town body, municipal body etc.) as per their regulations allow such exemptions only on production of certificate to this effect from the concerned Government department. Keeping this in view, the supplier shall ensure that the goods to be supplied by the supplier against the contract placed by the AIIMS, Jodhpur are exempted from levy of any such duty or tax and, wherever necessary, obtain the exemption certificate from the AIIMS, Jodhpur. However, if a local body still insists upon payment of such local duties and taxes, the same should be paid by the supplier to the local body to avoid delay in supplies and possible demurrage charges and obtain a receipt for the same. The supplier should forward the receipt obtained for such payment to the AIIMS, Jodhpur to enable the AIIMS, Jodhpur reimburse the supplier and take other necessary action in the matter.

Customs Duty: In respect of imported goods offered from abroad, the bidder shall specify the rate as well as the total amount of customs duty payable with Custom Duty Exemption Certificate, if applicable, on the quoted goods in the Financial Bid. The bidder shall also indicate the corresponding Indian Customs Tariff Number applicable for the goods.

- a. For transportation of imported goods offered from abroad, relevant instructions as incorporated shall be followed.
- b. For insurance of goods to be supplied, relevant instructions as provided shall be followed.
- c. Unless otherwise specifically indicated in this NIT document, the terms FCA, FOB, FAS, CIF, CIP etc. for imported goods offered from abroad, shall be governed by the rules & regulations prescribed in the current edition of INCOTERMS, published by the International Chamber of Commerce, Paris.
- d. The need for indication of all such price components by the bidders, as required in this clause is for the purpose of comparison of the tenders by the purchaser and will no way restrict the AIIMS, Jodhpur right to award the contract on the selected bidder on any of the terms offered.

16. Indian Agent:- If a foreign bidder has engaged an agent in India in connection with its bid, the foreign bidder, in addition to indicating Indian agent's commission, if any, shall also furnish the following information:

- a. The complete name and address of the Indian Agent and its Permanent Account Number as allotted by the Indian Income Tax authority.
- b. The details of the services to be rendered by the agent for the subject requirement.
- c. Details of Service outlets in India, nearest to the AIIMS, Jodhpur to render services during Warranty and CMC period.

17. Firm Price

- a. Unless otherwise specified in the NIT, prices quoted by the bidder shall remain firm and fixed during the currency of the contract and not subject to variation on any account.
- b. However, as regards taxes and duties, if any, chargeable on the goods and payable, the conditions stipulated will apply.

18. Conversion of tender currencies to Indian Rupees: - In case the bid document permits the bidders to quote their prices in different currencies, all such quoted prices of the responsive bidders will be

converted to a single currency viz., Indian Rupees for the purpose of equitable comparison and evaluation, as per the closing exchange rates established by the Reserve Bank of India for similar transactions, as on the date of 'Last Date of Submission of Tender'.

19. Payment Terms: Payment for goods supplied from India:

a. 100% payment of the total order value shall be released after the successful installation/ commissioning of the ordered goods against the submission of the inspection report.

Payment for Imported goods: For imported goods payment shall be made in the following manner:

a) **On shipment:** 75 % payment of the contract price shall be paid 60 days after presentation of shipping documents {goods shipped shall be paid through irrevocable, non-transferable Letter of Credit (LC) opened in favour of the supplier in a bank in his country} and upon the submission of the following documents:

- i. Four copies of Supplier's invoice showing contract number, goods description, quantity, unit price and total amount;
- ii. Original and four copies of the clean, on-board Bill of Lading/ Airway bill, marked freight prepaid and four copies of non-negotiable Bill of Lading/Airway bill.
- iii. Insurance Certificate;
- iv. Certificate of origin by the chamber of commerce of the concerned country;
- v. Certificate of country of origin;
- vi. Manufacture's / Supplier's warranty certificate;
- vii. Manufacturer's own factory inspection report.

b) **On Acceptance:** 25 % payment would be made after satisfactory installation & commissioning on issuance of Inspection certificate by the AIIMS, Jodhpur.

Note:-The supplier shall not claim any interest or any other payment under the contract.

20. Custom Clearance: For the Goods to be imported and supplied, the Institute will provide Custom Duty Exemption Certificate (CDEC) to successful bidder for availing concessional rate of duty as per prevailing Custom Tariff. In case, the bidder requires CDEC certificate, then the same should be specifically mentioned in the bid. The supplier is solely responsible for getting the material clearance from customs. Institute will provide all custom documents for custom clearance on the demand of supplier. Transportation of goods up to AIIMS, Jodhpur and its successful installation and commissioning is also the responsibility of the supplier. All charges/ expenses incurred in this process will be borne by the supplier. **NO DEMURRAGE / WHARFAGE CHARGES WILL BE PAYABLE BY THE INSTITUTE UNDER ANY CIRCUMSTANCES. NO ADVANCE PAYMENT WILL BE PAYABLE FOR CUSTOM CLEARANCE/ FREIGHT/INSURANCE ETC.**

21. Guarantee / Warrantee Period: The Tenderers must quote for 5 years comprehensive warranty (Including all Spares, Accessories and Labour) from the date of completion of the satisfactory installation. The warranty charges shall not be quoted separately otherwise the offer shall be summarily rejected. Also the bidders are requested to submit their quote (Rates) for subsequent 5 years Comprehensive Maintenance Contract (CMC) (Including All Spares, Accessories and Labour). Failure to comply this condition will entail the rejection of the bids. The price comparison shall be taking into account on basic price and post warranty CMC.

22. Uptime guarantee: The firm should provide uptime guarantee of 95%

23. Downtime penalty Clause

a. During the comprehensive warranty period, the guarantee uptime of 95% of 365 days will be ensured. In case the down time exceeds the 5% limit penalty of extension of guaranty period by two days for each additional day of down time will be enforced. The vendor must undertake to supply all spares for optimal upkeep of the equipment for at least FIVE YEARS after handling over the unit to the Institute. If accessories / other attachment of the system are procured from the third party, then the vendor must produce cost of accessory / other attachment and the CMC from the

third party separately along with the main offer and the third party will have to sign the CMC with the Institute if required.

- b. The principals or their authorized service providers are required to submit a certificate that they have satisfactory service arrangements and fully trained staff available to support the uptime guarantee.
- 24. Arbitration:** If any difference arises concerning this agreement, its interpretation or payment to be made there-under, the same shall be settled out by mutual consultation and negotiation. If attempts for conciliation do not yield any result within a period of 30 days, either of the parties may make a request to the other party for submission of the dispute for decision by an Arbitral Tribunal containing Sole Arbitrator to be appointed by the Secretary, Department of Legal Affairs. Such requests shall be accompanied with a panel of names of three persons to act as the sole arbitrator. In case of such arbitrator refusing, unwilling or becoming incapable to act or his mandate having been terminated under law, another arbitrator shall be appointed in the same manner from among the panel of three persons to be submitted by the claimant. The provision of Arbitration and Conciliation Act, 1990 and the rule framed there under and in force shall be applicable to such proceedings.
- 25. Subletting of Work:** The firm shall not assign or sublet the work/job or any part of it to any other person or party without having first obtained permission in writing of AIIMS, Jodhpur, which will be at liberty to refuse if thinks fit. The tender is not transferable. Only one tender shall be submitted by one tenderer.
- 26. Breach of Terms and Conditions:** In case of breach of any terms and conditions as mentioned above, the Competent Authority, will have the right to cancel the work order/ job without assigning any reason thereof and nothing will be payable by AIIMS, Jodhpur in that event the security deposit shall also stands forfeited.
- 27. Insolvency etc:** In the event of the firm being adjudged insolvent or having a receiver appointed for it by a court or any other order under the Insolvency Act made against them or in the case of a company the passing any resolution or making of any order for winding up, whether voluntary or otherwise, or in the event of the firm failing to comply with any of the conditions herein specified AIIMS, Jodhpur shall have the power to terminate the contract without any prior notice.
- 28. Force Majeure:** If, at any time during the subsistence of this contract, the performance in whole or in part by either party of any obligation under this contract is prevented or delayed by reasons of any war or hostility, act of public enemy, civil commotion, sabotage, fire, floods, explosion, epidemics, quarantine restriction, strikers lockout or act of God (hereinafter referred to as events) provided notice of happening of any such eventuality is given by party to other within 21 days from the date of occurrence thereof, neither party shall by reason of such event be entitled to terminate this contract nor shall either party have any claim for damages against other in respect of such non-performance or delay in performance, and deliveries have been so resumed or not shall be final and conclusive.
- Further, that if the performance in whole or in part of any obligation under this contract is prevented or delayed by reason of any such event for a period exceeding 60 days, either party may, at least option to terminate the contract.
- 29.** Bidder shall submit a copy of the tender document and addenda thereto, if any, with each page of this document should be signed and stamped to confirm the acceptance of the entire terms & conditions as mentioned in the tender enquiry document.
- 30.** The quantity of item given in the tender is tentative, which may be increased or decreased as per the institute's requirement.
- 31.** Signed & stamped compliance sheet of the technical specification of the goods with technical printed literature must be enclosed with the bid.

32. After due evaluation of the bid(s) Institute will award the contract to the lowest evaluated responsive tenderer
33. Conditional bid will be treated as unresponsive and it may be rejected.
34. Sample: - AIIMS Jodhpur reserves the right to ask the tenderers for submitting the sample of each item for which rates have been quoted, Technically Qualified Bidders may be asked to submit samples along with their quoted items nos. and their firm name without indicating any prices before opening of Financial Bid to AIIMS, Jodhpur for Inspection.
35. The Institute reserves the right to accept in part or in full or reject any or more tender(s) without assigning any reasons or cancel the tendering process and reject all tender(s) at any time prior to award of contract, without incurring any liability, whatsoever to the affected bidder or bidder(s).
- 36. Applicable Law:**
- The contract shall be governed by the laws and procedures established by Govt. of India, within the framework of applicable legislation and enactment made from time to time concerning such Commercial dealings / processing.
 - Any disputes are subject to exclusive jurisdiction of Competent Court and Forum in Jodhpur, Rajasthan, India only.
 - The Arbitration shall be held in accordance with the provisions of the Arbitration and Conciliation Act, 1996 and the venue of arbitration shall be at Jodhpur. The decision of the Arbitrator shall be final and binding on both the parties.
 - Force Majeure: Any delay due to Force Majeure will not be attributable to the supplier.

Annexure-I

S.No	Item	Technical Specifications	Qty.
01.	CPR training system BLS torso	<ol style="list-style-type: none"> 1. The manikin should be realistic in appearance, and easy to clean to prevent cross-infections. 2. The manikin should have a soft nose which can be occluded using the nose pinch technique, to teach proper CPR techniques by simulating the anatomical and physiological conditions present during CPR. 3. The manikin should be supplied with a removable full face mask. 4. The manikin should have an open oral and nasal passage which leads to the lower airway. 5. The manikin should have an articulating jaw to facilitate a modified jaw thrust maneuver to open the airway. 6. The manikin should be able to facilitate a head tilt/chin lift maneuver. 7. The manikin should have compliance similar to human body for ventilation and compressions with a visible chest rise during ventilation. 8. The manikin should have a disposable lower airway with an integral one way valve. 9. The manikin should have a completely removable chest cover. 10. The manikin should have a one piece rib/stomach plate which can facilitate abdominal thrusts. 11. The manikin should have a removable compression spring. 12. The manikin should have a compression clicker which provides audible feedback, which can be turned on and off without dismantling the manikin. 13. The face mask shall be easily changed and suitable for individual student use. 14. Manikin should be supplied with a soft padded training mat. 	10
02.	Infant CPR Training	<ol style="list-style-type: none"> 1. The manikin should be realistic in appearance, Infant full body manikin. 2. The manikin should be supplied with a full face mask. 3. The head should be rotatable and extendable. 4. The manikin should be able to withstand high temperature (50°C). 5. The Manikin should have natural obstruction of the airway that allow students to learn the technique of opening the airway 6. Head tilt, chin lift and jaw thrust should be possible on manikin. 7. The Manikin should have realistic chest compliance for students to experience the proper technique of chest compressions in infants 8. The manikin should have visible chest raise during ventilation. 9. The Manikin should allow foreign-body airway obstruction feature to practice the release of a foreign-body obstruction through back blows and chest-thrust techniques 10. The Manikin should have removable and reusable faces for convenient cleaning and maintenance. <p>Should be supplied with: 6 Airways, 10 FBAO pieces.</p>	10

03.	Advance CPR training system with feedback	<ol style="list-style-type: none"> 1. The Training system should be latex free & include Full body manikin, wireless CPR Feedback system. 2. Airway must open and close by head tilt/chin lift, jaw thrust procedures when they are performed correctly as taught according to recent American Heart Association (AHA) guidelines: 3. Manikin should have realistic anatomy and must show a visible chest rise during positive pressure ventilation. 4. Ventilation of the manikin must be possible by artificial breathing through: mouth to mouth; mouth to nose and by bag mask to mouth ventilation. 5. The system must provide correct feedback on ventilation volumes or for volumes when supplementary oxygen is provided based on the AHA guidelines 6. Ears must be visible as a landmark for correctly aligning the head in order to apply a cervical spine extrication collar. 7. The manikin must be equipped with a bilateral palpable carotid pulse. 8. The manikin should have extra springs simulating different chest stiffness. 9. Should have a touch screen wireless feedback system which shall measure the depth, recoil, rate of compression and volume of ventilation. 10. The single wireless feedback system should be able to connect with more than 2 manikins simultaneously to compare the CPR performance of learners. 11. The feedback system should provide real time feedback to improve the performance and should provide score at the end of the assessment. 12. The feedback system should have facility to take print of the report. Report should have all essential information as per recent AHA guidelines and must be upgradable as per newer guidelines released in subsequent years. 13. Should have wireless operation 14. It should be upgradable to integrate the optional trauma /rescue limbs and Airway Head. 15. The feedback laptop system must have 10 to14 inch colour display screen, Intel i7, 8GB RAM, 500GB SSD, 64Bit architecture, 4 USB slots, WGA/HDMI output, Windows 7or 8 with 2yr antivirus subscription & a compatible colour laser printer. 16. Manufacturer must conforms to the International Quality Certification i.e. ISO certificate /CE must be provided, Bluetooth adapter should be FCC, RoHS and RTTE certified. 17. It should be supplied with 02 Adult manikins, 01 Wireless CPR feedback, and laptop with screen size 10 to 14 inches. 18. 5 Manikin Faces, 4 Disposable Airways, 2 Extra Compression Springs (Hard and Soft), 02 Kneel mat, 02Jacket, 02Pants, 50 Manikin Wipes, 01 USB cable, 01 AED trainer. 	01
04.	ACLS Training system with wireless control & patient monitor.	<ol style="list-style-type: none"> 1. The manikin should be a full body adult CPR training manikin with anatomically correct landmarks and sternal notch to allow students to practice identification of all anatomical landmarks relevant to adult CPR. 2. The training system should contain a hand held wireless control device for real-time CPR performance feedback with ventilation and compression as per latest American Heart Association (AHA) guidelines. 	01

		<ol style="list-style-type: none"> 3. The training system should allow further software upgradation to improve feedback with quality. 4. The training system should provide realistic resistance during chest compression which allows students to experience the amount of pressure needed to perform proper chest compressions in a real life situation. 5. The manikin should simulate natural obstruction of the airway which allows students to learn the important technique of opening the airway according to latest guidelines. 6. Head tilt/chin lift and jaw thrust allows students to correctly practice airway maneuvers necessary when resuscitating a real victim. 7. Occluded airway with hyperextension stresses proper head position. 8. The manikin should have disposable airways and easily removable face skin to avoid cross contamination. 9. The manikin must show a realistic chest rise during ventilation through the following procedures: mouth to mouth, mouth to nose and bag mask to mouth. 10. The manikin should allow placement of supraglottic airway devices: oropharyngeal and nasopharyngeal airway insertion, laryngeal mask airway, Combitube and laryngeal tube. 11. The model should have eyes for pupil assessment with normal, dilated and constricted. 12. The model should have automatically generated carotid pulses should be synchronized with ECG and allow realistic pulse check during training 13. The manikin should allow user to incorporate live defibrillation/live AED or manual defibrillators during the learning experience. 14. The model should have 4 connector 3-lead feature to allow students to monitor ECG rhythms during training 15. The model must simulate the following cardiac rhythms in the manikin: <ol style="list-style-type: none"> i. Normal Sinus Rhythm (NSR) ii. Ventricular fibrillation iii. Ventricular Tachycardia with pulse iv. Ventricular Tachycardia, without pulse (pulseless) v. Asystole vi. PEA/EMD (pulseless electrical activity / electromechanical dissociation) 16. The training model should provide live feedback of vital sign as on a Monitor and detailed information about chest compression, compression rate, ventilation volume and hand positioning when performing CPR. 17. The training system should allow live inbuilt or user generated vocal sounds from the manikin. 18. The model should have an intravenous arm to practice venipuncture and intravenous injection administration. 19. The system should allow transfer of feedback data to PC for overhead viewing, printing and remote storage. 20. The training system should have ability to get connected to an optional simulated patient monitor to display various vital signs. 21. The training system should allow users to log different procedures done by the learners during the simulation. 22. The manikin should be modular design to allow various limbs to be attached to enhance training system. 	
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05.	Adult Airway Management Trainer (Adult-AMT).	<p>The Airway Management Trainer (AMT) head should be rotatable, extendable and incorporate following element</p> <ol style="list-style-type: none"> 1. Tongue and teeth. 2. Intubation Procedures <ol style="list-style-type: none"> a. Tracheal (oral and nasal) b. Pharyngeal (oral and nasal) c. Oesophageal 3. The Airway Management Trainer should be made of pliable human like skin mounted on a practice board for stability. 4. It should be able to provide realistic and complete training in all intubation procedures tracheal-oral and nasal and the use of the Laryngeal Mask Airway and Combitube. 5. It must provide realistic anatomy, nostrils, lips, teeth, tongue, pharynx-oral and nasal, larynx with glottis opening, vallecula, arytenoids, vocal cords, subglottis cricoid ring, trachea, including carina lungs, oesophagus and stomach. 6. It must provide realistic head positioning. 7. Neck flexion, extension and rotation, head lift and jaw move ability. 8. The AMT must provide realistic complications as laryngospasm, vomiting and with excessive laryngoscope pressure on teeth will produce and audio signal. 9. The AMT must provide realistic checking for proper tube placement with visual inspection of lung expansion during ventilation, and auscultation of breathing sounds. A separate model for demonstration airway anatomy shall be provided. 10. The AMT must establish and maintain an open airway by head tilt, chin lift, neck lift and jaw thrust. 11. The AMT should permit realistic practice in lung ventilation, also with the use of non-invasive equipment. 12. The AMT must provide the possibilities for practical training in clearing the obstructed airway by suctioning liquid foreign matter from, oral cavity, oro or nasopharynx, oro or naso tracheal, via end tracheal tube. Gastric drainage may also be practiced. 13. The AMT will come complete with a sturdy carrying case, directions for use and a sanitation kit. 14. Container of simulated stomach contents: 05 in number. 15. Water soluble lubrication spray: 10 in number. 	01
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06.	Central line manikin with femoral & neck pad.	<ol style="list-style-type: none"> 1. The central line training manikin should allow students practicing of intravenous access techniques for both advance cardiac life support and trauma situation. 2. It should enable students to experience realistic procedures. 3. The puncture areas for i.v. access should be simulated by soft pads which should be covered by a realistic skin and should simulate the feel of human skin as closely as possible 4. Manikins veins inside the pads should provide a natural resistance during puncture and a natural flash back of blood 5. Manikins veins and skin will self seal so that the site of puncture is not visible to student 6. The Manikins pads must pre-filled with simulated blood 7. It should enables the practice of i.v. access to: <ol style="list-style-type: none"> i. External jugular vein ii. Internal jugular vein via the anterior, central and posterior approach iii. Subclavian vein iv. Femoral vein 8. It should have a pulse bulb to enables the trainer to create a palpable pulse in the manikin's arteries 9. It should allow long catheters can be placed into the manikin. 10. It should have realistic tissue feel. 11. The neck pad and femoral pad should be replaceable without use of any tool 12. User manual and a carrying case. 13. It should be supplied with: <ul style="list-style-type: none"> Neck pad: 5 pieces. Femoral pad: 5 pieces. 250 ml bottle of simulated blood: 5 bottles. 	01
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Annexure-II**TECHNICAL BID**

Name of Firm/Contractor/Supplier	
Complete Address & Telephone No.	
Name of Proprietor/Partner/Managing Director/Director.	
Phone No:- Mobile No:- Email Id:-	
Name and address of service centre nearby Jodhpur.	
Whether the firm is a registered firm Yes/No (attached copy of certificate).	
PAN No. (enclose the attested copy of PAN Card).	
Service Tax No. (enclose the attested copy of Service Tax Certificate).	
VAT No. (enclose the attested copy of VAT Certificate).	
Whether the firm has enclosed the Bank Draft/Pay Order/Banker's cheque of Earnest Money Deposit.	
Whether the Firm/Agency has signed each and every page of Tender/NIT.	
Please provide full list of consumables.	
Any other information, if necessary.	

Authorized signatory of the bidder with seal.

Annexure-III
Financial Bid

A) FINANCIAL BID FOR DOMESTIC GOODS OR GOODS OF FOREIGN ORIGIN LOCATED WITHIN INDIA OR GOODS TO BE IMPORTED AND SUPPLIED AGAINST PAYMENT IN INDIAN RUPEES

1	2	3	4	5							6
Schedule	Brief Description of Goods	Country of Origin	Quantity (Nos.)	Price per unit (Rs.)							Total Price (at AIIMS-Jodhpur) basis (Rs.)
				Ex - factory/ Ex-warehouse /Ex-showroom /Off-the shelf (a)	Excise Duty(if any) [%age & value] (b)	Sales Tax/ VAT(if any) [%age & value] (c)	Packing and Forwarding charges (d)	Inland Transportation, Insurance, loading/unloading and Incidental costs till AIIMS-Jodhpur (e)	Incidental Services (including Installation & Commissioning, Supervision, Demonstration and Training) at the AIIMS-Jodhpur (f)	Unit Price (at AIIMS-Jodhpur) basis (g)= (a+b+c+d+e+f)	

Total Tender price in Rupees: _____

In words: _____

Note: -

1. If there is a discrepancy between the unit price and total price THE UNIT PRICE shall prevail.
2. The charges for Annual CMC after warranty shall be quoted separately.
3. The Bidder must quote price for "GOODS TO BE IMPORTED AND SUPPLIED AGAINST PAYMENT IN INDIAN RUPEES" after having taken in to account, the provision of Custom Duty Exemption Certificate (CDEC) by the Purchaser, as per Customs Tariff Act.

Place:

Date:

Name:

Business Address:

Signature of Bidder:

Seal of the Bidder:

Financial Bid
B) FINANCIAL BID FOR GOODS TO BE IMPORTED FROM ABROAD

1	2	3	4	5				6
Schedule	Brief Description of Goods	Country of Origin	Quantity (Nos.)	Price per unit (Rs.)				Total price on Destination + Insurance (local transportation and storage) = {4X 5 (d)}
				FOB price at port/ airport of Lading (a)	Carriage & Insurance (port of loading to port of entry) and other Incidental costs** (b)	Incidental Services (including Installation & Commissioning, Supervision, Demonstration and Training) at the AIIMS-Jodhpur ** (c)	Unit Price on DDP AIIMS-Jodhpur + Extended Insurance (local transportation and storage) (d) = a+b+c	

** To be paid in Indian Currency (Rs.)

Total Tender price in foreign currency: _____

In words: _____

Note: -

1. If there is a discrepancy between the unit price and total price THE UNIT PRICE shall prevail.
2. The charges for Annual CMC after warranty shall be quoted.
3. The Bidder will be fully responsible for the safe arrival of the goods AIIMS-Jodhpur in good condition as per terms of DDP as per INCOTERMS, if applicable.

Indian Agent:

Indian Agency Commission - ___% of FOB

Place:

Date:

Name:

Business Address:

Signature of Bidder:

Seal of the Bidder:

Financial Bid

C) FINANCIAL BID FOR ANNUAL COMPREHENSIVE MAINTENANCE CONTRACT AFTER WARRANTY PERIOD:

1. S.No.	2. DESCRIPTION OF GOODS	3. QUANTITY. (Nos.)	4. Annual Comprehensive Maintenance Contract Cost for Each Unit year wise*.					5. Total Annual Comprehensive Maintenance Contract Cost for 5 Years [3 x (4a+4b+4c+4d+4e)]
			1 st	2 nd	3 rd	4 th	5 th	
			a	b	c	d	e	

* After completion of Warranty period.

Service Tax: Whether extra or inclusive, if extra, indicates the rate _____.

NOTE:-

1. In case of discrepancy between unit price and total prices, THE UNIT PRICE shall prevail.
2. The cost of Comprehensive Maintenance Contract (CMC) which includes preventive maintenance including testing & calibration as per technical/ service /operational manual, labour and spares, after satisfactory completion of Warranty period may be quoted as per NIT conditions on yearly basis for complete equipment and Turnkey (if any).
3. The cost of CMC may be quoted along with taxes applicable. The taxes to be paid extra, to be specifically stated. In the absence of any such stipulation the price will be taken inclusive of such taxes and no claim for the same will be entertained later.
4. Cost of CMC will be added for Ranking/Evaluation purpose.
5. All software updates should be provided free of cost during CMC period.
6. The stipulations in Technical Specification will supersede above provisions
7. The supplier shall keep sufficient stock of spares required during Annual Comprehensive Maintenance Contract period. In case the spares are required to be imported, it would be the responsibility of the supplier to import and get them custom cleared and pay all necessary duties.

Date:

Place:

Name:

Business Address:

Signature of Bidder:

Seal of the Bidder: