



**Surat Municipal Corporation (SMC), Surat**  
**Surat Municipal Institute of Medical Education & Research (SMIMER), Surat**

**Online Tender Notice No. SMIMER / Medical  
College/Dean/01/2026-27**

**Tender for procurement (supplying & installing) of  
Mannequins/ Models/ Trainer/ Simulators for the  
"Skill Laboratory" & Department of Pharmacology at  
SMIMER, Surat**



**Surat Municipal Corporation (SMC), Surat**  
**Surat Municipal Institute of Medical Education & Research (SMIMER), Surat**

**Online Tender Notice No. SMIMER / Medical College/Dean/01/2026-27**

**Tender for procurement (supplying & installing) of Mannequins/ Models/ Trainer/ Simulators for the "Skill Laboratory" & Department of Pharmacology at SMIMER, Surat** is invited online on <https://smctender.nprocure.com> from manufacturer, authorized dealer or authorized service provider with following schedule:

No. of Tenders	01
Total Estimated Cost of Tender.	Rs.23,65,000.00
Tender (Bid) Fee (Non Refundable)	Rs.1,062.00 (By DD or Pay Order Only)
Earnest Money Deposit (Refundable)	Rs.23,650.00 (By DD or Pay Order Only)
Downloading of tender documents	From: 18/06/2026 to 02/07/2026 up to 18:00 Hrs.
Pre-bid Conference	D-Block, College Council Room, SMIMER, Opp. Bombay Market, Umarwada, Surat on Dt.24/06/2026 at 11:00 AM
Online submission (last date)	On or before Dt.: 02/07/2026, upto 18:00 Hrs.
Last Date of Submission of Tender fee, EMD and other documents in Hard copy.	On or before Dt.: 09/07/2026 up to 17.00 Hrs. To Chief Accountant, Surat Municipal Corporation, Muglisara, Surat-395003 Gujarat (By R.P.A.D. / Speed Post Only). The envelope containing the tender form should be properly sealed and super-scribed with: <b>Tender for procurement (supplying &amp; installing) of Mannequins/ Models/ Trainer/ Simulators for the "Skill Laboratory" &amp; Department of Pharmacology at SMIMER, Surat</b>
Opening of online Technical Bid	On Dt.: 03/07/2026 (if possible)
Opening of online price Bid	Will be intimated later, if required.

- The commercial bid submission should be done on the website <https://smctender.nprocure.com> **only** before the last date & time for submission.
- Price bid in physical form shall not be accepted in any case.
- Submission of Tender fee, EMD and other documents in hard copy is to be done at above mentioned address by R.P.A.D. / Speed Post only. S.M.C. shall not be responsible for any postal delay.

Incase bidder needs any clarification or if training required for participating in online bid, they can contact the following office:-

<b>nCode Solution (a division of GNFC Ltd.)</b> 403, GNFC, Infotower, Bodakdev, Ahmedabad-380 054 Gujarat (India) Tel : 91 26857316/17/18 Fax : 91 79 26857321 E-mail : <a href="mailto:nprocure@gnvfc.net">nprocure@gnvfc.net</a> Website : <a href="http://www.nprocure.com">www.nprocure.com</a> Toll Free : 1800-233-1010 (Ext.501 & 512)
-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

For further details contact above office/or visit on following website.

- <https://nprocure.com>
- <https://smctender.nprocure.com>

**Dean,**  
**SMIMER Medical College,**  
**Surat Municipal Corporation**



**Surat Municipal Corporation (SMC), Surat**  
**Surat Municipal Institute of Medical Education & Research (SMIMER), Surat**

**Online Tender Notice No. SMIMER / Medical College/Dean/01/2026-27**

**I N D E X**

<b>S. No.</b>	<b>Particulars</b>	<b>Page No.</b>
	<b>TECHNICAL BID</b>	
1.	Notice Inviting Tender	4
2.	Information of Tenderer	8
3.	Terms & Conditions	9
4.	Affidavit	17
5.	Higher Price / Lower Price Certificate	18
6.	Authority Letter For Sales	19
7.	Authority Letter For After Sales Service	20
8.	Manufacturer's product & service assurance letter (as per tender terms No.38(B))	21
9.	Tender Format (General)	22
10.	Details of Documents Attached	24
11.	Item-wise Detailed Specification	26



## **Surat Municipal Corporation (SMC), Surat**

### **Surat Municipal Institute of Medical Education & Research (SMIMER), Surat**

#### **1.0 Notice Inviting Tender:**

##### **(A) Tender Fee & EMD :**

- The tenderer should pay non-refundable tender fee **Rs. 1,062/-** (Rupees One thousand sixty two only) and earnest money deposit of **Rs.23,650/-** (Rupees Twenty Three thousand Six hundred Fifty only) by separate demand drafts or banker's cheques of any scheduled / nationalized bank **payable at Surat** in favour of **Surat Municipal Corporation** in sealed envelope strictly by R.P.A.D./ Postal Speed on or before **09/07/2026** up to **17:00 hours** to Chief Accountant, Surat Municipal Corporation, Mugalisara, Surat- 395003 Gujarat. The envelope containing the tender form should be properly sealed and superscripted with: "Online Tender Notice No.SMIMER/Medical College/Dean/01/2026-27" and "Tender for procurement (supplying & installing) of Mannequins/ Models/ Trainer/ Simulators for the Skill Laboratory & Department of Pharmacology at SMIMER, Surat".
- Tenderer should pay earnest money deposit along with the submission of tender and also invariably furnish details of EMD as mentioned. Tender/Bid without EMD or that of insufficient amount or Non MICR DD or pay order will not be considered.

##### **(B) Security Deposit, Agreement, Surety & Under Taking:**

- The successful Tenderer will be required to place **Security Deposit (SD) @ 5% (five percent) of the consideration of the contract value not more than Rs. 2 Crore by demand draft or Banker's Cheque** only of any scheduled / nationalized bank payable at Surat drawn in favour of "Commissioner, Surat Municipal Corporation" or contract value more than Rs.2 Crore security deposit **(SD) @ 5% (Five percent)** should be paid in the form of F.D.R. only of Nationalized bank of Surat Branch in the name of Commissioner, Surat Municipal Corporation. Security deposit must be submitted within **15 days** from the date of notice of award of contract, failing which a penalty **@ 0.065%** of the amount of security deposit will be imposed for **delay of each day**. Upon a request received from the tenderer, EMD placed may be converted into Security Deposit (SD). The Security Deposit will be returned after the completion of defect liability period of **two years** and after the fulfillment of obligation created under the contract awarded.
- On awarding the contract, the awardee agency will have to enter into a written **agreement** using Gujarat State Stamp Paper value of Rs.300/- in case of security deposit submitted by cash or demand draft or @ 4.90% of security deposit in case of S.D. submitted by Fixed Deposit (FDR) at its own cost as mentioned above.
- The awardee agency will have to submit **Third Party Surety** on Gujarat Stamp Paper of Rs.300/- before the undersigned.
- The awardee agency will have to submit **Undertaking** on Gujarat Stamp Paper of Rs. 300/- before the undersigned.

##### **(C) Period of liability for defects:**

- 24 months after completion of work.

##### **(D) Tender validity period:**

- The offer should be valid for acceptance for a minimum period of 120 days from the date of opening of price bid. If needed the extension will have to be given by the tenderer for the same period or more.

**(E) Supply period and penalty for work delay:**

- The successful awardee must supply the mannequins & or simulators as per the order and terms & conditions as laid down in the tender within the 30 (thirty) days from the date (after 10<sup>th</sup> day of issue date) of order otherwise the penalty will be imposed @ 0.2% per day generally up to 10% of the amount of individual mannequins & or simulators. In case of unforeseen circumstances, on the request of Tenderer time limit may be extended by Hon. Commissioner, Surat Municipal Corporation, depending upon the case. However, the request should be made before the completion of the 30 days of the date on the order.

**(F) Opening of tender:**

- The tenders will be opened in presence of bidders & opening authority subject to receipt of tender fee, EMD and other documents in hard copy. The tenders will be opened in two stages i.e. technical bid & commercial bid.

**(G) Purchase of tender document:**

- Tender documents can be downloaded from <https://smctender.nprocure.com> from **Dt.18/06/2026 to Dt.: 02/07/2026-up to 18:00 Hrs.** Submission of tender fee, EMD and other documents in hard copy is to be done at above mentioned address by R.P.A.D. / Speed Post only. S.M.C. shall not be responsible for any postal delay.

**(H) Instructions for Tenderer:**

- 1) The tenderer(s) are advised to read the tender documents carefully.
- 2) The tender should be filled in clearly indicating the figures and its value in words too.
- 3) Those firms registered under small scale industries of Gujarat State and holding subsequent registration with CSPO/NSIC for the item under tender will be eligible for exemption from payment of Tender Fee and EMD on submission of attested copies of their SSI & CSPO/NSIC/DGS&D registration certificates in namely [1] Tender Fee & [2] EMD cover. Participants not covered under this category shall have to pay Tender Fee and EMD compulsorily as prescribed failing which the tender will be treated as rejected at the time of opening of bid and in such cases technical bid as well as commercial bid will be ignored. Any basic document with regards to Tender Fee and EMD will not be acceptable after closing time of tender.
- 4) **EMD, tender fee and affidavit should be submitted in hard copy along with technical bid. E.M.D. & tender fee and affidavit on non-judicial stamp paper of Rs. 300.00 shall be submitted online in electronic format also (by scanning) while uploading the bid. All the submitted scanned documents must be scanned in coloured only so as to be seen as original. Scanning in black & white or grey shall not be acceptable.**
- 5) **Affidavit must be notarized clearly displaying stamp, number and name of the notary and all other documents should be duly signed & stamped by the tenderer.**
- 6) **No documents will be accepted before or after opening of technical bid.**
- 7) **Name & Address of Delivery Place:**
  - **Skill Laboratory & Department of Pharmacology, SMIMER, Opp. Bombay Market, Umarwada, Surat 395 010, Gujarat, India. (Phone No: 0261 2368040 to 42 & Fax No.: 0261-2360306)**
- 8) **Addenda & Corrigendum:** If required the Addenda and Corrigenda will be issued pursuant to the pre-bid conference and the same will **form the part of the original bid documents** and shall override any contradicting effects in the original bid document.

**9) Sealing, marking and submission of the bid:** This technical bid duly filled in, sealed in an envelope and superscripted as “**Technical Bid~** Online Tender Notice No.SMIMER/Dean/01/2026-27”: **Bid for** "Tender for procurement (supplying & installing) of Mannequins/ Models/ Trainer/ Simulators for the Skill Laboratory & Department of Pharmacology at SMIMER, Surat" shall be put in a **separate envelope**, along with the **Earnest Money Deposit (EMD) and Bid Fee** and send to:

Details to be mentioned on sealed envelope	
<b>Tender Details~</b> Online Tender Notice No. SMIMER / Medical College/Dean/01/2023-24  "Tender for procurement (supplying & installing) of Mannequins/ Models/ Trainer/ Simulators for the Skill Laboratory & Department of Pharmacology at SMIMER, Surat"	To,  <b>The Chief Accountant,</b> Surat Municipal Corporation, Mahanagar Seva Sadan, Gordhandas Chokhawala Marg, Muglisara, Surat - 395 003, Gujarat, India
<b>Last Submission Date (submission of tender fee, EMD &amp; other documents in hard copy etc: on or before Dt.: 09/07/2026 up to 17.00 Hrs.</b>	

**10)** The tenderers are advised to read the tender documents carefully.

**11)** The bidder shall bear all costs associated with the preparation and submission of the bid, including cost of presentation for the purposes of clarification of the response, if so desired by SMIMER. SMIMER will in no case be responsible or liable for such costs, regardless of the conduct or outcome of the evaluation process.

**12)** No modification should be done by the tenderer in the name of item and in the specifications / grade / quality / packing of the item given in the enquiry document. In technical bid, all information asked / required including specification (s) available in offered models should be mentioned clearly. Additional specifications / features if any available in the offered models shall be provided in an additional sheet.

**13)** No financial quotes are to be attached in technical proposal (bid).

**14)** This tender notice shall form a part of tender document.

**(I) Disqualification of tender~ A tender shall be disqualified and will not be considered at all if~-**

- The earnest money, tender fee and affidavit is not submitted in the manner specified in tender.
- Submission of tender without document fees, EMD and affidavit.
- The tender documents submitted online, are incomplete and/or ambiguous in any respect.
- The successful tenderer does not agree to deposit required amount of security deposit as specified in terms and condition.
- The validity period of tender specified by the tenderer is less than that specified by the S.M.C. in "Terms and Conditions".
- The tender is not submitted in the manner specified in the notice inviting the tender.
- The price bid is submitted physically along with technical bid which leads to revelation of prices before the due date of opening of the price bid.
- Unsatisfactory past performance and manufacturing experience of tenderer.
- Submission of misleading / contradictory / false statement or information and fabricated / invalid documents.

- Conditional or vague offers.
- Items with major changes/deviations in the specification/standard packing/quality.
- The tender is filled in a language other than English.
- Offering an accessory as optional even though it is required to operate the instrument.
- Non-submission of CMC Rates in prescribed format (in Commercial Bid).
- Wherever any certificate is mentioned / specified as mandatory in the tender and is not submitted by the tenderer.
- Does not quote rates inclusive of all taxes in price bid.
- Any eraser is made in the tender unauthenticated or any page or page(s) is/are removed or replaced.
- Stipulates the validity period less than what is stated in the form or tender.
- Does not disclose the full names and address of the all his partners in the case of partnership firm.
- Does not submit the tender before the stipulated time and specified date in the Account Office as directed.

**Dean,  
SMIMER Medical College,  
Surat Municipal Corporation**

# Surat Municipal Corporation (SMC), Surat

Surat Municipal Institute of Medical Education & Research (SMIMER), Surat

## 2.0 INFORMATION OF TENDERER

**"Tender for procurement (supplying & installing) of Mannequins/ Models/ Trainer/ Simulators for the Skill Laboratory & Department of Pharmacology at SMIMER, Surat"**

- 1) Affix latest passport size photo of tenderer

Affix latest  
passport size  
photo of tenderer

Specimen signature of the tenderer

- 2) In case of partnership agency affix latest photograph of all partners

Affix latest passport size photo of partners	Affix latest passport size photo of partners	Affix latest passport size photo of partners	Affix latest passport size photo of partners
----------------------------------------------------	----------------------------------------------------	----------------------------------------------------	----------------------------------------------------

Specimen signature of all partners in case of partnership agency~

1)

2)

3)

4)

Submission of registered  
agreement is compulsory in case  
of partnership agency.

- 3) Submission of GST certificate, with proof of residence is compulsory for tenderer.
- 4) In case of Government royalty applicable to tenderer, it is compulsory to submit a receipt of royalty payment with tender.
- 5) The photograph and specimen signature of contractor will be cross checked, whenever tenderer receives payment in account section of SMC.
- 6) The specimen signature of tenderer will be cross checked by Account Department of SMC, in case of representative of tenderer along with letter of authority of a person who signed an agreement, receives payment.
- 7) All partners of tenderer should put their specimen signature at the relevant places in the tender. A passport size photograph of all partners who have signed the tender shall be affixed in the tender. The successful tenderer shall be required to execute necessary agreement where in the same partners shall put on their signatures. If required, make xerox copy of this page and attach the same duly filled with this Tender Document.

**Date:**

**Place:**

**Signature of the Tenderer with seal**



# Surat Municipal Corporation (SMC), Surat

Surat Municipal Institute of Medical Education & Research (SMIMER), Surat

## TERMS AND CONDITIONS

**"Tender for procurement (supplying & installing) of Mannequins/ Models/ Trainer/ Simulators for the Skill Laboratory & Department of Pharmacology at SMIMER, Surat"**

1. **The awardee agency shall have to submit a "test report" as to examination analysis having been done regarding purity, genuineness, fitness, satisfaction of the product, material, goods, articles supplied every time.** In addition, SMC may also send the materials supplied by the successful tenderer for test(s) / analysis to ensure that the supply made is not of inferior standard, quality but conforming IP/BP/USP and/or BIS/ISO standard(s) as the case be taking into consideration the specification(s). Also, the SMC will have the right to reject the defective products, materials, goods, articles as well as the same having working life less than the normal required time and/or the working life of the same is falling overdue in near future and/or expiry period, date is abnormally less and falling due in near future preventing the use, utilization of the required supplies. The awardee agency will have to pay the cost thereof and will also have to pay the cost of products, materials, goods, articles of inferior quality or to replace them against particular batch supplied plus such other amount towards liquidated damages for each default and any such decision at SMC end shall be final and binding upon the tenderer.
2. On awarding the contract, the tenderer i.e. the awardee agency if fails to fulfill the provisions of any of the clauses to supply the products, materials, goods, articles in quantity, time and at such rate as mentioned in work/purchase order/notice of award of contract, fails to replace the rejected supplies to the SMC's satisfaction, the required products, materials, goods, articles will be procured from the open market at the risk and cost of the tenderer.
3. **Tender should be faultless in figures and entirely free from erasures.** Any tender containing corrections, alterations, erasures or mistake in figures which are not purely clerical will be rejected unless the Surat Municipal Corporation's authority directs otherwise after personal inspection, the tender is in a language other than English and does not contain its English translations. The tender must be quoted in figures and words and preferably type-written otherwise the tender shall not be received for due consideration.
4. Tenderer shall sign and submit all the documents.
5. The lowest price rate shall not be the sole criterion but emphasis will be given on quality of products, materials, goods, articles etc. required. After opening of price bid if the L-1 Bidder is incapable / fails to supply the goods or provide services as per the tender terms & conditions in that case the next lower bidders (as per chronological order) will be asked & work order will be awarded to them at the price quoted by L-1 Bidder with the tender terms & conditions after getting approval from competent authority of SMC.
6. **The delivery of the supplies will be accepted only during office hours on working days. Any loss arising out due to non observance of this instruction will be borne solely by the tenderer."**
7. The tenderer/bidder shall extend all the benefits to the SMC such as free samples of products, materials, goods, articles including any kind of discount, rebate, commission, incentives normally offered to any other buyer in the form of gift or otherwise as part of the Sales Promotion Scheme(s). If any such sales promotion scheme(s) is/are already launched by the tenderer and is/are in force while the tender process is on, mention of details of such scheme(s) be made of Tender Format (General), (If no such Sales Promotion Scheme(s) exists mention NIL.), if any sales promotion scheme(s) is/are launched after submission of tender and the tenderer/bidder is awarded with the contract by the SMC, all the benefits of the said sales promotion scheme(s) during the continuance of said scheme(s) shall have to be made available during the period of contract.

8. Literature providing complete information and detailed specification of instruments/equipments (**Mannequins/ Models/ Trainer/ Simulators**) along with the operation manual in detail on products, materials, goods, articles quoted must be submitted along with the technical bid.
9. If the successful tenderer (awardee agency) fails to ensure the required supplies in time of specified quantity and/or quality and/or the performance of such supply/supplies is/are found of an inferior quality, the Earnest Money Deposit (EMD) and /or Security Deposit (SD) will be forfeited at once.
10. No interest whatsoever shall be paid by the Surat Municipal Corporation on Earnest Money Deposit (EMD) as well as Security Deposit (SD).
11. Rates/prices to be quoted should be **inclusive of all central & state taxes, custom duty, custom clearance/ handling charges, GST, local levies/fees etc.** Transportation, handling charges packing, forwarding transit losses, insurance, loading and unloading charges and all other breakage, leakage, losses shall be borne by the tenderer.

**Notes:**

- I. Surat Municipal Corporation does not hold "C" or "D" certificate under the Sales-Tax laws.
  - II. Surat Municipal Corporation is a "local authority" and the procurement of products, materials, goods, articles are going to be solely used, utilized for medical college, public amenities & purposes and also for the relief to the poor through its various departments. Hence, tenderer is expected to pass on benefit of exemption, concession etc., if any, in central/state taxes, levies etc., to the SMC.
  - III. Manufacturer's name, how products, materials, goods, articles are packed vis a vis quantity in each container shall be specified against each item while quoting the rates.
  - IV. Rate must be quoted in Indian Rupees only. 100% payment will be released after satisfactory installation & commissioning. However, if requested by the tenderer, 80% payment can be made against delivery & the remaining 20% after submission of the satisfactory demonstration & installation certificate of concerned department(s) of SMIMER.
12. **GST Clause** for Construction/ Erection/ Commissioning /Installation/ Repair/ Maintenance/Renovation/ Fabrication of Structure Including Building (means all works contract/turn key projects/supply of material/goods)

GST (Goods & Service Tax) has come in existence from 1<sup>st</sup> July, 2017. Contractor/Successful Bidder is bound to pay any amount of GST prescribed by the Govt. of India as per the terms of contract agreed upon during the course of execution of this contract.

During the course of execution of contract, if there is any change in rate of GST(Goods & Service Tax) by the Government, the same shall be reimbursed / recovered separately by SMC, subject to the submission of original receipt/proof for the amounts actually remitted by the successful tenderer /contractor to the competent authority along with a certificate from Chartered Accountant of Contractor / Successful Bidder certifying that the amount of GST paid to the Government and the same shall be intimated / submitted/claimed within 30 (thirty ) days from the date of payment. Remittance of GST within stipulated period shall be the sole responsibility of the Successful Bidder/Contractor, failing which, SMC may recover the amount due, from any other payable dues with SMC and decision of Municipal Commissioner shall be final and binding on the Contractor / Successful Bidder in this regard. Further, the non-payment of GST to the Government may lead to the termination of the contract and forfeiture of Security Deposit / Performance Guarantee Amount.

If imposition of any other new Taxes /Duties /Levies / Cess or any other incidentals etc. or any increase in the existing Taxes / Duties / Levies /Cess or any other incidentals etc.

(excluding GST) are imposed during the course of the contract, the same shall be borne by the Contractor / Successful Bidder only, in no case SMC shall be liable for the same.

The contractor will submit the invoice to the SMC having GSTIN of SMC mentioned therein and the taxes shall be shown separately on the face of the invoice so as to claim as ITC by SMC.

13. The terms & conditions mentioned in this tender are binding to all tenderers. **Conditional Tender Will Not Be Accepted.**
14. The tenderer should give their rate according to the specifications.
15. If any accessory is demanded as mandatory in the tender enquiry, under no circumstances they should be shown as an optional accessory and quoted separately. The price of the product offered must include the accessories required for operation of the Mannequins/ Simulators and no separate payment will be made even if such an accessory is not included in the quotation. Only those accessories which are specifically recommended by the manufacturer of the Mannequins/ Simulators should be offered as part of the Mannequins/ Simulators and under no circumstances a cheaper variety of an accessory not approved / recommended by the manufacturer should be offered.
16. Furnish photographs of all the partners, co-partners etc. (in case of partnership firm or HUF) as the case may be along with signature(s) of all of them for day-to-day dealing with the SMC as well as for obtaining payment for obligation created under this bid, in such number of sets as required by the SMC.
17. The tenderer will have to provide on a separate letter-head details as to names and residential addresses including phone nos. of all the partners, Karta and co-partners/ beneficiaries in case of HUF along with the tender (but not by the tenderer being legal person/entity). The EMD/SD shall be forfeited in case the above information is not furnished during the period of process of tender as well as throughout the period of contractual obligation. Even non-observance of this stipulation will lead to the termination of contract and no payment will be made nor shall any damages be considered.
18. Tender once filled in and submitted shall not be allowed to be withdrawn till the validity of the tender remains in force or else the EMD shall be liable for forfeiture.
19. Any monetary claim arising due to any of the terms and conditions of the tender/ supply, including the difference arising due to risk purchase, will be recovered in the following manner:
  - I. From any pending bills of the party
  - II. From any security deposits of the party
20. The E.M.D. / Security Deposit shall liable to be forfeited in the following circumstances when the:
  - I. Tender is rejected due to failure to furnish the requisite documents in the proper format or giving any misleading statement or submission of false affidavit or fabricated documents.
  - II. Party fails to sign the agreement for entering into contract, due to any reason whatsoever.
  - III. Party fails to supply the goods / items as per the orders placed by SMIMER, Surat Municipal Corporation.
  - IV. Party fails to replace the goods declared to be not of standard quality or not conforming to acceptable standards or found to be decayed / infected /spoiled before the date of expiry have to refund the cost of such goods.
21. Tender should not be submitted for the product/products for which the concerned/company has been blacklisted/ debarred either by Surat Municipal

Corporation/ GMSCL/ any other State/ Central Government or Drug/Equipment/ Mannequins/ Simulators /Instrument Procurement Agencies.

22. The concerned company/firm/bidder who has been blacklisted / debarred by GMSCL or any other State/ Central Government and its Drug/Equipment/ Mannequins / Simulators /Instrument Procurement Agencies due to failure in supply of quality goods, shall not participate in the tender during the period of debarring / blacklisting. If any product of company/firm/bidder were blacklisted/ debarred at the time of bidding, for a specified period, then the same will become eligible after blacklisting/debarring period is over. In case the period is not specified in the debarment order, the firm shall be eligible to participate in bidding only after two years of the date of issue of the order of blacklisting/ debarment. If any tenderer is debarred or black listed due to failure in supply of quality goods during the tender validity or during the validity of the rate contract by any other State and Central Government and its Drug/Equipment/ Mannequins/Simulators / Instrument Procurement Agencies, it is his (tenderer's) responsibility to inform such thing to SMIMER, Surat Municipal Corporation.
23. Non-Disclosure of blacklisting/ debarment will invite forfeiture/recovery of EMD or SD or risk purchase or disqualification for appropriate period or any other penal action at the discretion of Surat Municipal Corporation without any further reference.
24. **The right to accept, reject any or all tender (s) received is reserved by SMC and no reason therefore will be given.**
25. Tenderer will carry out demonstration / trial of each Mannequins/ Simulators at his cost only, as required by Nodal Officer (Skill Lab). Price bid will be opened after satisfactory demonstration / trial of each Mannequins/ Simulators.
26. If the items quoted are approved under DGS & D, CSPO, CMSO Rate contract, the latest copy thereof currently in force should be provided by the tenderer along with the tender.
27. If the tenderer fails to fulfill the provisions of the clauses to supply the material as stated above within the prescribed period mentioned in the order or fails to replace or rejected materials by those of approved quantity to the satisfaction of the authority, Surat Municipal Corporation will be entitled to forfeit the Security Deposit.
28. Tenderer is required to submit the **detailed specification of the quoted product on separate sheet of paper** along with the item number. This is **in addition to the detailed literature/ information brochure / data sheet** on the quoted Mannequins/ Simulators, which also has to be necessarily supplied.
29. Besides submitting the specifications & literature of the quoted products (Mannequins/ Simulators), it is **mandatory** to mention in the relevant column in the technical bid, **whether the specifications of the quoted product (Mannequins/ Models/ Trainer/ Simulators) differ from the specifications mentioned in the tender.** If they differ, the features of the product which are absent or differing from the tender specifications should be clearly described & justified.  
  
**If this column is not filled, it will be considered that the product is as per the tender specifications & the tenderer will be bound to supply the product (Mannequins/ Models/ Trainer/ Simulators) as per the tender specifications & not as per the specifications quoted by himself or mentioned in the product (Mannequins/ Models/ Trainer/ Simulators) literature.** In such case, if the product is found to be differing from the tender specifications at the time of commissioning, then it is liable to be rejected & the tenderer will have to arrange to transport the product back to his premises at his own cost.
30. **Service Centre~** The tenderer must have and give details of a full-fledged service centre in Surat /near Surat with group of qualified engineers. The down time for **products (mannequins/ simulators)** repair shall be less than seven (07) days under any circumstances with calls being attended within 48 hours of complaint. In case repairs

requires more than seven (07) days, the **products (Mannequins/ Models/ Trainer/ Simulators)** shall have to be kept running by arranging for backup spare parts/components.

31. **Instruction Manual(s)**~ The successful tenderer shall supply detailed operation and servicing manuals prior to the delivery of the **products (Mannequins/ Models/ Trainer/ Simulators)** so that the operating staff of Surat Municipal Corporation will get familiar with the various parts and terminology of the **products (Mannequins/ Models/ Trainer/ Simulators)** well in time to witness installation and commissioning tests of the **products (Mannequins/ Models/ Trainer/ Simulators)**.
32. **Training**~ Exhaustive training for operation and proper use of **products (Mannequins/ Models/ Trainer/ Simulators)** with Do's and Don'ts shall be given to the concerned teaching and non-teaching operating staff at the time of installation of the **products (Mannequins/ Models/ Trainer/ Simulators)** or if required in future also. Even if it requires out-station training for few days tenderer is bound for the same at his own cost.
33. **Installation**~ In case it is found that mannequins/ simulators spares accompanying the (Mannequins/ Models/ Trainer/ Simulators) has been damaged during transit or found to be wrongly supplied, then it is the responsibility of the tenderer to replace the (mannequins/ simulators) totally at his own risk and cost. No payment under any circumstances will be certified in such cases. Thus, confirmed that the (Mannequins/ Models/ Trainer/ Simulators) are in acceptable condition, Surat Municipal Corporation will allow the engineers of tenderers to install the same. The engineers of the tenderers shall get themselves satisfied fully for the installation of the equipment. If the mannequins/simulators get damaged during commissioning / warranty period due to improper installation, it will be totally the responsibility of the tenderer to replace the mannequins/simulators at their own risk and cost. Any delay in this case shall be liable for severe action against the tenderer.
34. **Commissioning**~ Commissioning will be considered complete only after proper installation and submission of Manufacturer's Product & Service Assurance Letter as per requirement of Nodal Person (Skill Lab) and concerned head of department. A team consisting of concerned faculty and non-teaching staff will witness all the commissioning from learning, clinical and technical point of view. The supplied representative shall demonstrate all the necessary procedures and ensure the performance of the Mannequins/ Models/ Trainer/ Simulators as per required standards and expectations matching with those claimed by the tenderer in their offer. If it is observed that the Mannequins/ Models/ Trainer/ Simulators are not giving required performance it shall be pointed out to the representative of the tenderer. The tenderer shall be fully responsible to make good/remove defects from the Mannequins/ Models/ Trainer/ Simulators so as to demonstrate the required performance (learning, clinical as well as technical) to the satisfaction of the above mentioned personnel of Surat Municipal Corporation/ SMIMER. No compromise in the case shall be tolerated by Surat Municipal Corporation/ SMIMER.
35. **WARRANTY CLAUSE :**
  - I. All the Mannequins/ Models/ Trainer/ Simulators should be fully warranted for a period of two (02) years from the date of successful commissioning of the Mannequin(s)/Simulator(s).
  - II. The warranty shall be EXHAUSTIVE for the entire Mannequins/ Models/ Trainer/ Simulators including all attachments. (if any)
  - III. Tenderer will have to provide free preventive maintenance services and calibration during warranty period at a frequency of one every four months as well as unlimited number of breakdown calls.
  - IV. During the warranty period if any defects are noticed in the Mannequins/ Models/ Trainer/ Simulators, it is the sole responsibility of the tenderer to rectify the same within the specified minimum down-time at his/her own risk and cost.

- V. If the down-time for the Mannequins/ Models/ Trainer/ Simulators exceeds one week from the date of intimation to the tenderer, the warranty period will be extended by equal period of time to that effect.
- VI. Wherever expiry date is applicable tenderer will supply the items with longest possible expiry date and if required Surat Municipal Corporation will intimate the tenderer 03 (three) months prior to expiry date to replace the near expiry stock with the item having longest expiry date.
- VII. All accessories assembled parts & other peripherals such as computers, printer, UPS, etc. provided with the machine should be supplied with the standard warranty with their respective manufacturer / supplier.
- VIII. Before the completion of warranty period supplier has to initiate the procedures of Comprehensive Annual Maintenance (CMC).
36. Tenders should quote only those Mannequins/ Models/ Trainer/ Simulators which are readily available and in ready stock.
37. The liability as to any damages and/or loss otherwise to any movable or immovable properties, assets during loading, unloading or otherwise during the period of supply, whether knowingly or unknowingly done or occurred shall be made good forthwith to the SMIMER/SMC by the awardee agency upon a communication made therefore.
38. **(a) Authority letter for sales:** Tender should preferably be quoted from actual manufacturer. Tender from 1<sup>st</sup> stage dealer/2<sup>nd</sup> stage dealer/authorized distributor may also be considered if such tender is accompanied with valid **Sales Authority Letter** from **Actual Manufacturer** to the 1<sup>st</sup> stage dealer/2<sup>nd</sup> stage dealer/authorized distributor to market their product, provided further, that such authority letter is **valid at the time of bidding** with the undertaking that the **required warranty cover for the product will be provided by the manufacturer.**
- (b) Authority letter for service:** Mannequins/Simulators should preferably be serviced by the actual manufacturer. If separate Service Agency is quoted by the tenderer, then there should be a valid **Service Authority letter** from the **actual manufacturer** authorizing the Service Agency to service their product, provided further, that such authority letter is **valid at the time of bidding** with the undertaking that the required warranty cover for the product will be provided by the manufacturer.
- (c) Tenderer will have to submit Back-up Assurance Letter from manufacturer for availability of spare parts and service support for minimum 10 years from the date of installation.**
39. **Reference letters:** Reference letters from current users of the quoted models stating their experience & specifying the model in use should be provided. Contact details of the users should also be provided.
40. Any conditional discount given by the bidder such as discount applicable on total order value, minimum order value on certain group of items etc. will not be considered for evaluation purpose. However, for ordering purpose, such discount shall be considered.
41. Discount offered after price bid opening shall also not be considered for evaluation. However in case tenderer happens to be selected bidder (without considering discount) such discount shall be considered while placing the order.
42. In case there is a discrepancy in the claim made by the tenderer and the specifications shown in the product literature / photograph, reliance will be placed on the specifications shown in the product literature / photograph, ignoring the claim of the tenderer. **Any change or alteration in the product literature / photograph must be authenticated by the manufacturer and an affidavit from the manufacturer for supplying the item as altered or changed should also be submitted failing which such changes / alterations will be ignored.**

43. **Spares & CMC Rates:** The tenderer/manufacturer should quote the amount for Comprehensive Annual Maintenance (CMC) Contract in the price bid for next five (05) years after expiry of warranty period of two (02) years. The party should provide minimum four (04) preventive maintenance services per year along with unlimited number of breakdown calls that will be provided under the maintenance contract. It should also provide the list of services (job card) that will be carried out during its maintenance service.

If the maintenance contract is to be done by an authorized service agency an authority letter of the manufacturer allowing and taking responsibility of the authorized agency for the CMC must be provided. The terms & conditions for the CMC will be as under:

I. The authorized service agency will have to sign a letter of agreement with the SMC for the maintenance contract.

II. He will have to place 5% of the contract amount with the SMC as security deposit.

III. Payments will be made on half yearly/quarterly basis after submission of satisfactory service report from the Nodal Person (skill Lab)/Head(s) of the concerned department.

IV. CMC of five (05) years after warranty on the entire unit with preventive maintenance kit if any. UPS & UPS batteries, all sensors and AC/DC adapters, all printers must be covered in CMC.

44. The undersigned reserves the right to accept "the tenders either in full or in part" or reject any or all tender(s) received without assigning any reasons thereof.

45. **ANY DISPUTE ARISING OUT OF THE CONTRACT SHALL BE SUBJECT TO SURAT JURISDICTION.**

46. The specifications given in the tender represent an approximation only. Latitude to the nearest & most suitable specification is allowed, within clinically permissible limits.

47. **Any software up-gradation or changes introduced by manufacturer which is important for patient safety or learning skills , should be updated immediately in the Mannequins/ Models/ Trainer/ Simulators supplied by tenderer free of cost during the warranty / CMC period.**

48. **Five years CMC cost will be taken into consideration for price comparison, wherever and as asked for.**

49. After completion of warranty period, supplier will have to enter into a Comprehensive Maintenance Contract (CMC) for five (05) years. The same would include free replacement of any part / component, if required, during the period of the contract. The maintenance contract of the above shall be made operative from any time during the first five years after completion of warranty period. Any offer for service contract contrary to this condition will not be accepted. Tenderer's will also have to guarantee regular and timely supply of all the spare parts required for the normal working of the item at a cost not exceeding the cost of such a part charged to any other Government organization.

50. **The bidder is instructed to provide details of all the quoted models strictly in the column "Specifications available in offered model compared to column (A)" of the comparative table mentioned under ITEM WISE DETAILED SPECIFICATIONS from Page No. 25 to 58 specifically to the specifications asked in the tender (Please do not mention as provided in the brochure / catalogue etc).**

51. **The bidder / company quoting the said model should have good and proven track record and presence in Indian market for at least past three (03) years and should submit necessary supporting documents for the same.**

52. Any requirement in form of civil / electrical work / or any other such pre-requisite for installation should be clearly mentioned along with the tender.

53. Break up of taxes has to be clearly mentioned with price quoted. If supply product/service is exempted for GST, the bidder has to provide supporting exemption certificate of authorized person for the same.

**54. Arbitration**

**54.1. Arbitrator**

In the event of any dispute arising between the parties in relation to or under this Contract, the same shall be settled by arbitration conducted by an arbitration tribunal consisting of three arbitrators, one to be appointed by each party and the third arbitrator being appointed by the two arbitrators so appointed. The decision of the arbitration tribunal shall be final and binding.

**54.2. Place of Arbitration**

The place of arbitration shall be Surat.

**54.3. Language**

The request for arbitration, the answer to the request, the terms of reference, any written submissions, any orders and rulings shall be in English and, if oral hearings take place, English shall be the language to be used in the hearings.

**54.4. Procedure**

The procedure to be followed within the arbitration, / arbitral tribunal and the rules of evidence which are to apply shall be in accordance with the Arbitration and Conciliation Act, 1996, as amended from time to time.

**54.5. Enforcement of Award**

Any decision or award resulting from arbitration shall be final and binding upon the Parties. The Parties hereto agree that the arbitral award may be enforced against the Parties to the arbitration proceedings or their assets wherever they may be found and that a judgment upon the arbitral award may be entered in any Court having jurisdiction thereof.

**54.6. Fees and Expenses**

The fees and expenses of the arbitrators and all other expenses of the arbitration shall be initially borne and paid by respective Parties equally subject to determination by the arbitrators. The arbitrators may provide in the arbitral award for the reimbursement to the prevailing party of its costs and expenses in bringing or defending the arbitration claim, including legal fees and expenses incurred by the said Party.

**54.7. Performance during Arbitration**

Pending the submission of and/or decision on a dispute, difference or claim or until the arbitral award is published; the parties shall continue to perform all of their obligations under this contract without prejudice to a final adjustment in accordance with such award.

**Date:**

**Place:**

**Signature of the tenderer with seal**

**Dean,  
SMIMER Medical College,  
Opp-Bombay Market, Umarwada, Surat~ 395010, Gujarat**



## Annexure-I

### AFFIDAVIT

**(To be signed on a Rs. 300/- stamp paper attested by notary)**

- 1) I/We have carefully read all the terms and conditions & have satisfied ourselves of the meaning implied therein and after fully understanding all the implications of these terms and conditions. We agree with them without any reservation, and undertake to abide by it fully and unconditionally. We understand that in the event of any declarations and contents being false or untrue the contract is liable to be terminated & black-listed.
- 2) I/We, the undersigned, do hereby certify that all the statements made in the required attachments are true and correct. I/We also understand that in case of wrongful / false information, corporation is entitles to take any civil & criminal punitive action against me / us.
- 3) The undersigned also hereby certifies that neither our firm M/s \_\_\_\_\_ nor any of its constituent partners have abandoned any work in India nor any contract awarded to us has been rescinded during last five years, prior to the date of this bid.
- 4) The undersigned hereby authorize(s) and request(s) any bank, person, authorities, government or public limited institutions, firm or corporation to furnish pertinent information deemed necessary and requested by the SMC to verify our statements or our competence and general reputation etc.
- 5) The undersigned understands and agrees that further qualifying information may be requested, and agrees to furnish any such information at the request of the SMC.
- 6) The SMC and its authorized representatives are hereby authorized to conduct any inquiries or investigations to verify the statements, documents, and information submitted in connection with this bid and to seek clarification from our bankers and clients regarding any financial and technical aspects. This Affidavit will also serve as authorization to any individual or authorized representative to any institution referred to in the supporting information, to provide such information deemed necessary and requested by representative of Surat Municipal Corporation to verify statements and information provided in the Tender or with regard to the resources, experience and competence of the Applicant.

\_\_\_\_\_  
Signed by the Authorize signatory of the firm

\_\_\_\_\_  
Title of the office

\_\_\_\_\_  
Name of the firm

\_\_\_\_\_  
Date & Place

**Note:- The affidavit format as indicated above to be furnished on non-judicial stamp paper of Rs.300/- and duly notarized.**

## **Annexure-II**

### **HIGHER PRICE / LOWER PRICE CERTIFICATE**

- 1) I/We\_\_\_\_\_hereby certify that the prices quoted by us in Tender Enquiry # **Online Tender Notice No. SMIMER / Medical College / Dean / 01/ 2026-27** are not higher than the prices charged by us to wholesalers or for institutional supplies;
- 2) I/We further certify that I/We have not supplied or quoted for any item in Tender Enquiry # **Online Tender Notice No. SMIMER / Medical College / Dean / 01/ 2026-27** at prices lower than those quoted for the relevant items to any Government / Semi Government / Public / Charitable Trust Organization / Institution within the period of 180 days preceding the last date of submission of the tender.

**Date:**  
**Place:**

**Signature & Stamp of Tenderer**

**Annexure-III**

**AUTHORITY LETTER FOR SALES**  
(On Manufacturer’s Letterhead)

To,  
The Dean,  
SMIMER,  
Surat.

**Subject: Authority letter for sales**  
**Reference: Online Tender Notice No. SMIMER / Medical College / Dean / 01/ 2026-27**

Sir,  
We hereby state that M/s \_\_\_\_\_  
having their registered office at \_\_\_\_\_  
is our authorized distributor/dealer for Gujarat in India.

**They are authorized to sale, market & distribute our products in regards to this Online Tender Notice No. SMIMER / Medical College / Dean / 01/ 2026-27.**

**Date:**  
**Place:**

**{SIGNATURE & STAMP OF THE AUTHORIZED SIGNATORY OF MANUFACTURER}**

**Annexure-IV**

**AUTHORITY LETTER FOR AFTER SALES SERVICE**  
(On Manufacturer’s Letterhead)

To,  
The Dean,  
SMIMER,  
Surat.

**Subject: Authority letter for after sales & service**  
**Reference: Online Tender Notice No. SMIMER / Medical College / Dean / 01/ 2026-27**

Sir,  
We hereby state that the preventive & breakdown services during warranty and post warranty will be carried out by us **or** our sole authorized service provider whose details are as follows~

S. No	Particulars	Details
1	Name	
2	Address of Service Centre	
3	Email	
4	Contact No.	
5	Name & Qualification of Service Engineer	

We further undertake to provide full support to the said authorized service provider and in case of failure of the latter, to provide the required service support ourselves.

**Date:**  
**Place:**

**{SIGNATURE & STAMP OF THE AUTHORIZED SIGNATORY OF MANUFACTURER}**

**Annexure-V**

**MANUFACTURER'S PRODUCT & SERVICE ASSURANCE LETTER**

**(as per tender terms no.38 (b))**

(On Manufacturer's Letterhead)

To,  
The Dean,  
SMIMER,  
Surat.

**Subject: Back-up assurance letter for product & service assurance**

Sir,

**I/We \_\_\_\_\_ hereby certify that in reference to tender enquiry # Online Tender Notice No. SMIMER / Medical College / Dean / 01/ 2026-27, I/We hereby will provide our products, spares and service for minimum ten (10) years from the date of installation, either directly or through our authorized parties, as per the tender terms & conditions and will inform the customer immediately if there is any change of our authorized dealer/service provider/service person. Moreover in case of failure of the service provider, we undertake to provide the required service support ourselves.**

**Date:**

**Place:**

**{SIGNATURE & STAMP OF THE AUTHORIZED SIGNATORY OF MANUFACTURER}**

**TENDER FORMAT (GENERAL)**

**Surat Municipal Corporation (SMC), Surat**

Surat Municipal Institute of Medical Education & Research (SMIMER), Surat

**"Tender for procurement (supplying & installing) of Mannequins/ Models/ Trainer/ Simulators for the Skill Laboratory & Department of Pharmacology at SMIMER, Surat"**

**{Online Tender Notice No. SMIMER / Medical College / Dean / 01/ 2026-27}**

1	(a)	Name of the Tenderer	
	(b)	Party Code as awarded by SMC	
	(c)	Are you a Manufacturer/ Authorized Dealer/ Sub Dealer/ Any Other (Please specify)	
	(d)	Income Tax No. (PAN)	No. : Date :
	(e)	GST	No. : Date :
	(f)	Professional Tax No.	No. : Date :
	(g)	Details of Other Licenses held	Yes / No. : No. & Date : Registration Details/ Validity Date [Submit attested copy of certificates]
	(h)	What is the firm of Business You submit this tender at -Sole Proprietor? (Registration No. under shops & Establishment Act.)	
		-Sole Proprietor? (Registration No. under shops & Establishment Act.)	
		-Hindu Undivided Family (HUF)?	
		-Partnership Firm?	
		-Public Limited Company under the Companies Act?	
		-Private Limited Company under the Companies Act?	
		-State Govt. owned Undertaking Corporation/ Enterprise?	
		-Central Govt. Owned Undertaking Corporation/ Enterprise?	
		-Co-Operative Society?	
		-Unit known as "Khadi & Village Industries" as per Khadi and Village Industries Commission Act'1956?	
		-Association of Persons ?	
		-Any Other, Please Specify.	
2		Complete Address of Tenderer	
	(a)	Head Office	
	(b)	Main Office in Gujarat	

	(c)	Office Nearest to Surat	
	(d)	Phone No. :	
		Fax No. :	
		e-mail Name of Contact Person	
3		Give details about your mode of ensuring supply to SMC.	
4		If you are a dealer, kindly state the name of your principals for each item. (Submit a copy authenticated by the Principal)	
5		If you are a manufacturer, kindly provide the manufacturing facilities that you have, giving details of the quality control set-up that you may have ( The details may be given as an annexure.)	
6		Fully fledged Service Center nearest to Surat (For each manufacturing company, if dealer) Name and address of local engineer including contact no.	
7		Is any sales promotion scheme(s) launched by you? ( Pl. Tick Mark) If yes, mention detail thereof.	[ ] Yes [ ] No.
8		Do you agree to all the terms and conditions of the Tender? If no, then please specify where and how you differ.	[ ] Yes [ ] No.
9		EMD Details :	
	(a)	Bank Name & Address	
	(b)	Pay Order / Draft No. Date : Pay Order Amount .	

**Date:**  
**Place:**

**Signature and Seal of  
Authorized Person**

**Name:** \_\_\_\_\_  
**Designation:** \_\_\_\_\_  
**Tenderer's Seal:** \_\_\_\_\_

### Details of Documents Attached

S. No.	Documents	Attached Yes/No/NA	Your Page No.
1	Copy of PAN Card		
2	Copy of GST Registration		
3	Copy of Registration of Firm		
4	Copy of Income Tax Returns of last three years / Bank solvency certificate of nationalized- scheduled bank (20% of the quoted amount of tender) for current financial year / Turn over certificate of CA for last three years.		
5	Copy of Profession Tax		
6	Details of Tender Fee, Earnest Money Deposit - Amount, Banker's Cheque / DD / Pay Order Number, Date & Bank		
7	Certified / notarized copy of valid Small Scale Industry Registration.		
8	Certified / notarized copy of Certificate from Practicing Chartered Accountant or Practicing company Secretary that the unit / bidder still continues to be Small Scale, Tiny/ Cottage Industry as on last date of submission of bid.		
9	Manufacturing License / Product Permission / Registration Certificate with C.S.P.O. /G.M.S.C.L./ S.S.I./ K.V.I.C./N.S.I.C./ D.G.S. & D.		
10	Partnership deed / Memorandum of Articles / Registration of firm etc		
11	Affidavit on non judicial stamp paper of Rs.300/-. (Annexure-I)		
12	Higher price / lower price certificate (Annexure-II)		
13	Copy of Authority letter for sales (Annexure-III)		
14	Copy of Authority letter for after sales service (Annexure-IV)		
15	Manufacturer's Product & Service Assurance Letter (Annexure-V)		
16	Catalogue of quoted Mannequins & or Simulators		
17	Copy of Quality Certificate with validity period like ISO/CE/US FDA etc.		
18	Details of Nearest Authorized Service Centre		
19	Details regarding number of Installations /users/customers of Mannequins & or Simulators in Gujarat State		
20	Name and address of authorized consumable/ reagent and suppliers along with manufacturer names, telephone numbers which are compatible with your Mannequins & or Simulators		
21	Tender Set duly signed in hard copy		

Note : It is verified that all the certificates / permissions / documents are valid and current as on date and have not been withdrawn / cancelled by the issuing authority.

- (i) Additional documents other than above if any, required for supporting the claims made by the bidder should be attached.
- (ii) Demand draft for E.M.D. & Tender (Bid) fee shall be submitted in electronic format through online mode (by scanning) while uploading the bid. This submission shall mean that E.M.D. &



tender fee are received for purpose of opening of the bid. Accordingly offer / tenders of those tenderers whose E.M.D. & tender fee is received electronically shall be opened. However, for the purpose of realization of E.M.D. & Tender Fee bidder shall send the E.M.D. as well as Tender Fee in required format in original through RPAD/Speed post so as to reach to Chief Accountant, Account department (main office) SMC within 7 days from the last date of online submission of the price bid. Punitive action shall be initiated for non submission of E.M.D. & Tender Fee in original to Account department (main office) by bidder as follows :

In the first case of non-receipt of the original demand draft in the office of the Chief Accountant of Surat Municipal Corporation within the stipulated time, penal action will be taken to recover the penalty as per the table given below.

No.	Tender Amount	Penalty Amount Rs.
1	Up to Rs. 1.00 crore	10,000/-
2	more than Rs. 1.00 crore and Up to Rs. 10.00 crore	20,000/-
3	More than Rs. 10.00 crore and up to Rs. 50,000 crore	30,000/-
4	More than Rs. 50.00 crore and up to Rs. 100.00 crore	70,000/-
5	More than Rs. 100.00 crore	1,00,000/-

If the tenderer does not deposit the above penalty amount with the Municipal Corporation within 10 days

and/or

If the tenderer commits such a default/mistake for the second time,

In both the cases **punitive action** (if the contractor does not pay the tender fee and the security deposit within the stipulated time, the registration of the contractor will be kept in abeyance for 06 (six) months and the e-tendering code will be cancelled for 06 (six) months.) **will be taken against the contractor**

**EMD, Tender fee and affidavit should be submitted in hard copy alongwith technical bid. E.M.D. & Tender fee & affidavit on non-judicial stamp paper of Rs.300.00 shall be submitted online in electronic format also (by scanning) while uploading the bid. Scanned documents must be coloured scans to be seen as original. Scanning in black & white or grey shall not be acceptable.**

**Affidavit must be notarized clearly displaying stamp, number and name of the notary and all other documents should be duly signed & stamped by the tenderer.**

**No documents will be accepted before or after opening of technical bid.**

Sign\_\_\_\_\_

Name\_\_\_\_\_

Designation\_\_\_\_\_

Date\_\_\_\_\_

Place\_\_\_\_\_

Company/Firm name with seal\_\_\_\_\_

**SKILL LABORATORY~SMIMER, SURAT**  
**Item-wise Detailed Specifications**

Sr No.1 ~ Cardio Pulmonary Resuscitation (CPR), Pediatric Mannequins			Quantity ~ One (01)
Manufacturer Name :		Brand Name :	Model Name :
<b>(A) Required Specifications :</b>		<b>(B) Specifications available in offered model compared to column (A)</b>	
<b>Specifications~</b> It should comply with the following specifications~			
It should comply with the latest American Heart Association (AHA) guidelines while providing effective paediatric cardiopulmonary resuscitation (CPR) training.			
a)	<b>General Specifications~</b>		
	<ul style="list-style-type: none"> <li>Suitable for group instruction.</li> </ul>		
	<ul style="list-style-type: none"> <li>Should be a portable, full body manikin with accurate anatomical landmark resembling a human child</li> </ul>		
	<ul style="list-style-type: none"> <li>It should be made up of high quality stain resistance, durable soft material (e.g. silicon rubber) having natural colour of human skin giving realistic skin feeling.</li> </ul>		
	<ul style="list-style-type: none"> <li>It should be maintenance free, easy-to-clean, hypoallergic and should not mold.</li> </ul>		
	<ul style="list-style-type: none"> <li>The head should be extendable; head-tilt with open/locked (naturally obstructed) airway such that the airway is cleared only when head tilt/ chin lift or jaw thrust is performed.</li> </ul>		
	<ul style="list-style-type: none"> <li>Should have anatomically correct landmarks as sternum, ribcage and sub-sternal notch with realistic resistance for chest compressions and audible feedback confirming correct compression depth.</li> </ul>		
b)	<b>Technical Specifications~</b>		
	<ul style="list-style-type: none"> <li>It should be a Pediatric manikin modelled on a 5-year old child</li> </ul>		
	<ul style="list-style-type: none"> <li>It should be able to provide effective child CPR training without compromising realism.</li> </ul>		
	<ul style="list-style-type: none"> <li>It should have oral and nasal passages to allow mouth-to-nose ventilation and realistic nose pinch for mouth-to-mouth ventilation</li> </ul>		
	<ul style="list-style-type: none"> <li>It should have natural obstruction of airway so that learner understands the importance of opening the airway and abdominal thrust can also be practiced</li> </ul>		
	<ul style="list-style-type: none"> <li>It should facilitate head tilt/chin lift and jaw thrust for realistic airway, without head tilt/chin lift or jaw thrust the airway remains obstructed.</li> </ul>		
	<ul style="list-style-type: none"> <li>Anatomically correct landmarks &amp; sternal notch. Realistic resistance for chest compressions and Audible feedback confirms correct compression depth.</li> </ul>		
	<ul style="list-style-type: none"> <li>It should have non-rebreathing airway, disposable airway to maintain adequate</li> </ul>		

	hygiene	
	<ul style="list-style-type: none"> <li>• <del>Intraosseous access in left and right lower leg, tibial tuberosity and medial malleolus; we will need to do 400 times intraosseous insertions for one UG batch, so it should be able to withstand it.</del></li> </ul>	
	<ul style="list-style-type: none"> <li>• <del>Intravenous access for injections and infusions</del></li> </ul>	
	<ul style="list-style-type: none"> <li>• Manual palpable pulses: radial, brachial, femoral, Posterior tibial</li> </ul>	
	<ul style="list-style-type: none"> <li>• Alarms ( optional) for wrong performance: Jaw alarm when excessive pressure by the laryngoscope on the upper jaw activates an acoustic signal. Stomach alarm: activated if an endotracheal tube is placed incorrectly in the oesophagus</li> </ul>	
	<ul style="list-style-type: none"> <li>• Software/Hardware for logging in of data and monitoring of CPR which allows to connect the mannequin to any computer for logging and feedback</li> </ul>	
	<ul style="list-style-type: none"> <li>• User-friendly digital feedback (e.g. visual).</li> </ul>	
	<ul style="list-style-type: none"> <li>• Should allow one-sided lung intubation</li> </ul>	
	<ul style="list-style-type: none"> <li>• Stomach distension (when ET is misplaced)</li> </ul>	
	<ul style="list-style-type: none"> <li>• Should be portable and light weight, with a realistic weight</li> </ul>	
c)	<p>It should provide~</p> <ul style="list-style-type: none"> <li>• Cardiopulmonary Resuscitation (CPR )</li> <li>• Overall CPR performance score (compression depth, rate release, time &amp; chest compression fraction) &amp; performance de-briefing</li> <li>• User-friendly digital feedback (e.g. visual).</li> <li>• Should allow one-sided lung intubation</li> <li>• Orogastric &amp; nasogastric tube insertion</li> <li>• Oral/nasal endotracheal intubation.</li> <li>• Stomach distension (when ET is misplaced)</li> <li>• Suctioning (of the nares, nasopharynx, oral cavity and lungs via an ET tube) exercise</li> </ul>	
d)	<p>Should be supplied with the following~</p> <ul style="list-style-type: none"> <li>• 1 airway (installed in manikin) and one extra airway; additional face skin &amp; 50 manikin wipes</li> </ul>	
	<ul style="list-style-type: none"> <li>• IV Bag Connector Tube, Pulse Bulb (manual umbilical 01 pulse), Airway Lubricant, <del>Blood Concentrate, IO Fill/ Empty Syringe</del>, silicon spray.</li> </ul>	
	<ul style="list-style-type: none"> <li>• Original instruction manual, literature &amp; carrying case to be supplied</li> </ul>	
	<ul style="list-style-type: none"> <li>• At least 03 performance certificates for the quoted item should be provided.</li> </ul>	
	<ul style="list-style-type: none"> <li>• All other necessary accessories (over &amp; above mentioned here) should be provided with unit.</li> </ul>	
e)	<p>Electrical/Power Supply~ Operate on mains 220-240V, 50 Hz single phase (AC) (fitted with Indian plug) i.e. fully compatible with Indian settings (if applicable)</p>	

f)	<b>Certifications~ Instrument should have US-FDA OR European CE certification OR EC OR ISO : 9001 from original manufacturer.</b>	
g)	<b>Warranty~ The system should be quoted with two (2) years warranty followed by five (5) years CMC rates for the complete unit.</b>	
h)	<b>Additional~</b>	
	<ul style="list-style-type: none"> <li>The principal manufacturer must have authorized service- support center /engineers in Surat or nearby Surat for quick and prompt service support.</li> </ul>	
	<ul style="list-style-type: none"> <li>The quoted model should have proven track record and presence in Indian market for at least past 03 years with necessary supporting documents.</li> </ul>	
	<ul style="list-style-type: none"> <li>At least 03 performance certificates for the quoted item should be provided.</li> </ul>	
	<ul style="list-style-type: none"> <li>Actual demonstration of the quoted item will be mandatory.</li> </ul>	

<b>Sr No.2 ~ Cardio Pulmonary Resuscitation (CPR), Neonate Mannequin</b>			<b>Quantity ~ One (01)</b>
<b>Manufacturer Name :</b>		<b>Brand Name :</b>	<b>Model Name :</b>
<b>(A) Required Specifications :</b>		<b>(B) Specifications available in offered model compared to column (A)</b>	
<b>Specifications~ It should comply with the following specifications~</b>			
It should comply with the latest American Heart Association (AHA) guidelines while providing true to life neonatal practice and feedback on all key elements of CPR e.g. depth, chest recoil & rate of the compressions; interruption time and ventilation volume.			
a)	<b>General Specifications</b>		
	<ul style="list-style-type: none"> <li>Suitable for group instruction.</li> </ul>		
	<ul style="list-style-type: none"> <li>Should be a portable, full body manikin with accurate anatomical landmark resembling a human full term neonate</li> </ul>		
	<ul style="list-style-type: none"> <li>It should be made up of high quality stain resistance, durable soft material (e.g. silicon rubber) having natural colour of human skin giving realistic skin feeling.</li> </ul>		
	<ul style="list-style-type: none"> <li>It should be maintenance free, easy-to-clean, hypoallergic and should not mold.</li> </ul>		
	<ul style="list-style-type: none"> <li><b>The head should be extendable; head-tilt with open/locked (naturally obstructed) airway such that the airway is cleared only when head tilt/ chin lift or jaw thrust is performed.</b></li> </ul>		
	<ul style="list-style-type: none"> <li>Should have collar bones to identify the shoulder thereby allowing to teach tap &amp; shout</li> </ul>		
	<ul style="list-style-type: none"> <li>Should have nipples, sternal notch, belly button and ribs to teach hand placement for chest compression.</li> </ul>		
	<ul style="list-style-type: none"> <li>Should have umbilical cord which is removable</li> </ul>		
	<ul style="list-style-type: none"> <li>The face skin should be removable and one additional face skin should be</li> </ul>		

	provided.	
	<ul style="list-style-type: none"> <li>Should have one-way non-rebreathing lungs and one extra airway is to be provided.</li> </ul>	
b)	<b>Airway Management</b>	
	<ul style="list-style-type: none"> <li>Intubation Head - realistic life-size intubation trainer with a flexible tongue, arytenoid cartilage, epiglottis, vocal cords, trachea, esophagus, and simulated lungs</li> </ul>	
	<ul style="list-style-type: none"> <li>Positioning the newborn to simulate opening the airway via head tilt, chin lift or jaw thrust</li> </ul>	
	<ul style="list-style-type: none"> <li>Should provide thoracic movement by positive pressure ventilation with the help of self-inflating bag or flow-inflating bag or T-Piece Resuscitator)</li> </ul>	
	<ul style="list-style-type: none"> <li>Airway management by using laryngeal mask and intubation tube</li> </ul>	
	<ul style="list-style-type: none"> <li>Bilateral and unilateral (with main stem intubation) chest rise and fall with mechanical ventilation</li> </ul>	
	<ul style="list-style-type: none"> <li>It should have visible and realistic rise and fall of the chest on ventilations &amp; sound should be generated during choking training.</li> </ul>	
	<ul style="list-style-type: none"> <li>Should provide details on compression release, depth &amp; rate, hand placement, ventilation volume, number of compressions &amp; ventilation cycles</li> </ul>	
	<ul style="list-style-type: none"> <li>Real-time feedback on compressions and ventilations, to identify course compliance and provide tailored quality improvement suggestions</li> </ul>	
c)	<b>Cardiac Features</b>	
	<ul style="list-style-type: none"> <li>Manual chest compression at appropriate depth (1/3 AP) and force</li> </ul>	
	<ul style="list-style-type: none"> <li>Umbilical pulse – variable via manual pulse bulb</li> </ul>	
	<ul style="list-style-type: none"> <li>Determination of heart rate by measuring the beat at the base of umbilical cord.</li> </ul>	
	<ul style="list-style-type: none"> <li>Practice neonatal CPR with both i.e. two- thumb encircling technique &amp; two finger alternate compression method should possible.</li> </ul>	
d)	<b>Circulation Features</b>	
	<ul style="list-style-type: none"> <li>Umbilical vein/artery catheterization via patent umbilicus</li> </ul>	
	<ul style="list-style-type: none"> <li><del>Intraosseous access in left and right lower leg, tibial tuberosity and medial malleolus.</del></li> </ul>	
	<ul style="list-style-type: none"> <li><del>Intravenous access.</del></li> </ul>	
	<ul style="list-style-type: none"> <li>Manual palpable pulses: radial, brachial, femoral, Posterior tibial</li> </ul>	
e)	Alarms (Optional) for wrong performance: Jaw alarm when excessive pressure by the laryngoscope on the upper jaw activates an acoustic signal. Stomach alarm: activated if an endotracheal tube is placed incorrectly in the oesophagus.	
f)	Software/Hardware for logging in of data and monitoring of CPR which allows to connect the mannequin to any computer for logging and feedback.	
g)	It should provide~	

	<ul style="list-style-type: none"> <li>• Cardiopulmonary Resuscitation (CPR )</li> <li>• Overall CPR performance score (compression depth, rate release, time &amp; chest compression fraction) and performance de-briefing</li> <li>• User-friendly digital feedback (e.g. visual).</li> <li>• Should allow one-sided lung intubation</li> <li>• Orogastric &amp; nasogastric tube insertion</li> <li>• Oral/nasal endotracheal intubation.</li> <li>• Stomach distension (when ET is misplaced)</li> <li>• Suctioning (of the nares, nasopharynx, oral cavity and lungs via an ET tube) exercise</li> <li>• Meconium module for suction removal (optional)</li> </ul>	
h)	Should be supplied with the following~	
	<ul style="list-style-type: none"> <li>• 1 airway (installed in manikin) and one extra airway; additional face skin &amp; 6-8 manikin wipes</li> </ul>	
	<ul style="list-style-type: none"> <li>• New born manikin, meconium module set, replaceable umbilical cord (1) and clamp, IV bag connector tube, pulse bulb (manual umbilical 01 pulse), airway lubricant, blood concentrate, baby powder, <del>10 fill/ empty syringe</del>, silicon spray.</li> </ul>	
	<ul style="list-style-type: none"> <li>• Original instruction manual, literature &amp; carrying case</li> </ul>	
	<ul style="list-style-type: none"> <li>• Jumpsuit for manikin (e.g. T-shirt &amp; shorts OR diaper and body suit for new born)</li> </ul>	
	<ul style="list-style-type: none"> <li>• All other necessary accessories (over &amp; above mentioned here) should be provided with unit.</li> </ul>	
i)	Electrical/Power Supply~ Operate on mains 220-240V, 50 Hz single phase (AC) (fitted with Indian plug) i.e. fully compatible with Indian settings (if applicable)	
j)	<b>Certifications~ Instrument should have US-FDA OR European CE certification OR EC OR ISO : 9001 from original manufacturer.</b>	
k)	Warranty~ The system should be quoted with two (2) years warranty followed by five (5) years CMC rates for the complete unit.	
l)	Additional~	
	<ul style="list-style-type: none"> <li>• The principal manufacturer must have authorized service- support center /engineers in Surat or nearby Surat for quick and prompt service support.</li> </ul>	
	<ul style="list-style-type: none"> <li>• The quoted model should have proven track record and presence in Indian market for at least past 03 years with necessary supporting documents.</li> </ul>	
	<ul style="list-style-type: none"> <li>• At least 03 performance certificates for the quoted item should be provided.</li> </ul>	
	<ul style="list-style-type: none"> <li>• Actual demonstration of the quoted item will be mandatory.</li> </ul>	

<b>Sr No.3 ~ Catheterization Simulator Basic, Male</b>			<b>Quantity ~ Two (02)</b>
<b>Manufacturer Name :</b>		<b>Brand Name :</b>	<b>Model Name :</b>
<b>(A) Required Specifications :</b>		<b>(B) Specifications available in offered model compared to column (A)</b>	
<b>Specifications~</b> It should comply with the following specifications~			
It should be such that the male bladder catheterization procedures can be realistically demonstrated, practiced and assessed.			
a)	<b>General Specifications</b>		
	<ul style="list-style-type: none"> <li>Suitable for group instruction.</li> </ul>		
	<ul style="list-style-type: none"> <li>Anatomically accurate model having natural colour of the skin.</li> </ul>		
	<ul style="list-style-type: none"> <li>It should be made up of stain resistance, durable soft material giving high level of realistic skin feeling. It should be easy-to-clean, hypoallergic and should not mold.</li> </ul>		
	<ul style="list-style-type: none"> <li>The genital insert could be placed into the holder and held in place with magnets.</li> </ul>		
	<ul style="list-style-type: none"> <li>The material of the insert should be soft and flexible: the foreskin is movable (attachable / detachable) and the penis can be stretched so that the learner can practice all the necessary gestures for catheterization (e.g. disinfection).</li> </ul>		
	<ul style="list-style-type: none"> <li>The material gives a realistic feeling when inserting and removing the catheter into the bladder with realistic resistance and insertion depths.</li> </ul>		
	<ul style="list-style-type: none"> <li><b>When the catheter has been correctly inserted, fluid runs out, just like with a real patient.</b></li> </ul>		
	<ul style="list-style-type: none"> <li>It should be such that three different levels of prostate narrowing can be set; further in the narrowest setting, catheterization is not possible, leading to the conclusion that a suprapubic catheter is needed.</li> </ul>		
	<ul style="list-style-type: none"> <li>It should be supported by non-slip feet so that it stands securely on the table</li> </ul>		
	<ul style="list-style-type: none"> <li>Genital organs and buttocks should be attachable i.e. easy to maintain</li> </ul>		
	<ul style="list-style-type: none"> <li>Have magnetic connectors for quick set-up and dismantling</li> </ul>		
	<ul style="list-style-type: none"> <li>Any water-soluble jelly being used at clinical situation can be applied</li> </ul>		
	<ul style="list-style-type: none"> <li>Non-return valve: prevent leaking after taking catheter out.</li> </ul>		
b)	It should allow practice of~ <ul style="list-style-type: none"> <li>Indwelling catheterization and intermittent catheterization</li> <li>Practice with various size(Fr) of catheter</li> </ul>		
c)	Dimensions 35 x 12 x 26 cm (approx.); weighing 2-3 Kg (approx.)		
d)	It should be supplied with~ <ul style="list-style-type: none"> <li>Stands with magnetic connections for genital inserts</li> </ul>		

	<ul style="list-style-type: none"> <li>Catheterization set with transparent bladder; Bottle and tube connectors; Lubricating gel</li> </ul>	
	<ul style="list-style-type: none"> <li>Detailed instruction manual</li> </ul>	
	<ul style="list-style-type: none"> <li>Original instruction manual, literature &amp; carrying case</li> </ul>	
	<ul style="list-style-type: none"> <li>All other necessary accessories (over &amp; above mentioned here) should be provided with unit.</li> </ul>	
e)	Electrical/Power Supply~ Operate on mains 220-240V, 50 Hz single phase (AC) (fitted with Indian plug) i.e. fully compatible with Indian settings (if applicable)	
f)	<b>Certifications~ Instrument should have US-FDA OR European CE certification OR EC OR ISO : 9001 from original manufacturer.</b>	
g)	Warranty~ The system should be quoted with two (2) years warranty followed by five (5) years CMC rates for the complete unit.	
h)	Additional~	
	<ul style="list-style-type: none"> <li>The principal manufacturer must have authorized service- support center /engineers in Surat or nearby Surat for quick and prompt service support.</li> </ul>	
	<ul style="list-style-type: none"> <li>The quoted model should have proven track record and presence in Indian market for at least past 03 years with necessary supporting documents.</li> </ul>	
	<ul style="list-style-type: none"> <li>At least 03 performance certificates for the quoted item should be provided.</li> </ul>	
	<ul style="list-style-type: none"> <li>Actual demonstration of the quoted item will be mandatory.</li> </ul>	

Sr No.4 ~ Breast Examination (Self) Trainer			Quantity ~ Two (02)
Manufacturer Name :		Brand Name :	Model Name :
<b>(A) Required Specifications :</b>		<b>(B) Specifications available in offered model compared to column (A)</b>	
<b>Specifications~</b> It should comply with the following specifications~			
Manikin should be very realistic natural female breasts, for self examination + demonstrating, practicing and assessing clinical breast examination.			
a)	<b>General Specifications</b>		
	<ul style="list-style-type: none"> <li>Suitable for group instruction.</li> </ul>		
	<ul style="list-style-type: none"> <li>It should be made up of high quality stain resistance, durable soft material (e.g. silicon rubber) having natural colour of human skin giving realistic skin feeling.</li> </ul>		
	<ul style="list-style-type: none"> <li>It should be maintenance free, easy-to-clean, hypoallergic and should not mold.</li> </ul>		
	<ul style="list-style-type: none"> <li>The manikin should be portable, soft tissue breasts having lifelike realistic appearance to adult full body.</li> </ul>		
	<ul style="list-style-type: none"> <li>It should be conveniently placed on bench top &amp; the individual breasts are supplied</li> </ul>		



	with a base for storage.	
	<ul style="list-style-type: none"> <li>It should be supplied with three breasts. These breasts should be marked with identification marks left or right (e.g. 1,2 etc.) at the bottom.</li> </ul>	
	<ul style="list-style-type: none"> <li>It should have Clavicular and axilla pads for lymph node placement</li> </ul>	
b)	The three single breasts should illustrate the following changes:	
	A healthy breast for comparison	
	Benign and malignant tumors in different stages of development should be featured in the remaining two breasts~ <ul style="list-style-type: none"> <li>Round, movable palpable tumor of different sizes at varying depths, presumably benign</li> <li>Irregular palpable tumor of different sizes adhering to the chest wall at varying depths, presumably malign</li> <li>Column-shaped, irregular palpable tumor at varying depths, presumably malign</li> <li>Permanently inverted nipple, frequently in combination with a malign tumor</li> <li>"Orange-peel skin", skin structure with pore retraction through lymphostasis (blocked lymph ducts) caused by malign tumors.</li> </ul>	
	Pathologies should be placed in various predetermined location points and are easily changeable	
c)	It should allow practice of~ <ul style="list-style-type: none"> <li>Clinical breast examination (CBE)</li> <li>Self breast examination (SBE)</li> <li>Identification of anatomical landmarks</li> <li>Identification of lymph nodes (axillary, supra &amp; infraclavicular)</li> <li>Location and diagnosis of pathologies</li> </ul>	
d)	Dimensions 25 x 20 x 10 cms (approx.); weighing 1-2 Kg (approx.)	
e)	Delivery contents:	
	<ul style="list-style-type: none"> <li>Pathologies supplied: 2-3 benign tumors; 3-4 malignant tumors; 2-3 typical anomalies</li> </ul>	
	<ul style="list-style-type: none"> <li>Original instruction manual, literature &amp; carrying case</li> </ul>	
	<ul style="list-style-type: none"> <li>All other necessary accessories (over &amp; above mentioned here) should be provided with unit.</li> </ul>	
f)	Electrical/Power Supply~ Operate on mains 220-240V, 50 Hz single phase (AC) (fitted with Indian plug) i.e. fully compatible with Indian settings (if applicable)	
g)	<b>Certifications~ Instrument should have US-FDA OR European CE certification OR EC OR ISO : 9001 from original manufacturer.</b>	
h)	Warranty~ The system should be quoted with two (2) years warranty followed by five (5) years CMC rates for the complete unit.	
i)	Additional~	

	<ul style="list-style-type: none"> <li>The principal manufacturer must have authorized service- support center /engineers in Surat or nearby Surat for quick and prompt service support.</li> </ul>	
	<ul style="list-style-type: none"> <li>The quoted model should have proven track record and presence in Indian market for at least past 03 years with necessary supporting documents.</li> </ul>	
	<ul style="list-style-type: none"> <li>At least 03 performance certificates for the quoted item should be provided.</li> </ul>	
	<ul style="list-style-type: none"> <li>Actual demonstration of the quoted item will be mandatory.</li> </ul>	

Sr No.5 ~ Mannequin for demonstration of IM injection (IM Training Arm ~ Adult)			Quantity ~ Four (04)
Manufacturer Name :		Brand Name :	Model Name :
<b>(A) Required Specifications :</b>		<b>(B) Specifications available in offered model compared to column (A)</b>	
<b>Specifications~</b> It should comply with the following specifications~			
A lifelike arm reproduction simulator designed so that intramuscular injection can be realistically demonstrated, practiced and assessed without a real patient.			
a)	<b>General Specifications</b>		
	<ul style="list-style-type: none"> <li>Suitable for group instruction.</li> </ul>		
	<ul style="list-style-type: none"> <li>It should be made up of high quality stain resistance, durable soft material (e.g. silicon rubber) having natural colour of human skin giving realistic skin feeling.</li> </ul>		
	<ul style="list-style-type: none"> <li>It should be maintenance free, easy-to-clean, hypoallergic and should not mold.</li> </ul>		
	<ul style="list-style-type: none"> <li>The skin material should be such that needle tracks should not appear, there should be minimal damage and it should reseal.</li> </ul>		
	<ul style="list-style-type: none"> <li>The lifelike skin should be extremely durable and can be quickly and easily exchanged when necessary.</li> </ul>		
	<ul style="list-style-type: none"> <li>The manikin should be a combination of epidermis, dermis, fat and muscle; epidermis should be replaceable</li> </ul>		
	<ul style="list-style-type: none"> <li>Material should release subcuticular liquid quickly on peeling of epidermis layer.</li> </ul>		
	<ul style="list-style-type: none"> <li>Tissues should be soft and warm for realistic touch.</li> </ul>		
	<ul style="list-style-type: none"> <li>This high-quality I.M. manikin simulator should represent a upper arm with all important anatomical palpable landmarks such as acromion and humerus.</li> </ul>		
	<ul style="list-style-type: none"> <li>Manikin should have a realistic anatomy allowing for placing correct intramuscular injections in an exceptionally graphic way. The built-in fine electronics should <b>preferably</b> produce audio-visual feedback of the result e.g. correct or incorrect injection, bone contact or wrong location etc.</li> </ul>		

	<ul style="list-style-type: none"> <li>Additional trainings and control modes optionally provide an immediate or subsequent performance check under training conditions.</li> <li>Life-like touch resistance of the injection site that accurately resembles the human arm</li> </ul>	
b)	The arm should allow practice of~ <ul style="list-style-type: none"> <li><b>Intramuscular injection</b></li> <li>Training of tissue management</li> </ul>	
c)	It should be portable and weighs upto 1-2 Kgs (aprox); dimensions similar to adult human arm	
d)	It should be supplied with~ <ul style="list-style-type: none"> <li>Skin pad &amp; muscle block for injection trainer-1 No, epidermis for injection- 2 Nos</li> <li>2 AA batteries (5 pairs)</li> <li>Replacement skin</li> <li>5-ml injection syringes (2-3) &amp; 21 G/0.8 injection needle (5-10)</li> <li>Original instruction manual, literature &amp; carrying case</li> <li>All other necessary accessories (over &amp; above mentioned here) should be provided with unit.</li> </ul>	
e)	Electrical/Power Supply~ Operate on mains 220-240V, 50 Hz single phase (AC) (fitted with Indian plug) i.e. fully compatible with Indian settings (if applicable)	
f)	Certifications~ Instrument should have US-FDA <b>OR</b> European CE certification <b>OR</b> EC <b>OR</b> ISO : 9001 from original manufacturer.	
g)	Warranty~ The system should be quoted with two (2) years warranty followed by five (5) years CMC rates for the complete unit.	
h)	Additional~ <ul style="list-style-type: none"> <li>The principal manufacturer must have authorized service- support center /engineers in Surat or nearby Surat for quick and prompt service support.</li> <li>The quoted model should have proven track record and presence in Indian market for at least past 03 years with necessary supporting documents.</li> <li>At least 03 performance certificates for the quoted item should be provided.</li> <li>Actual demonstration of the quoted item will be mandatory.</li> </ul>	

Sr No.6 ~ Mannequin for demonstration of SC injection (SC Training Arm ~ Adult)			Quantity ~ Four (04)
Manufacturer Name :		Brand Name :	Model Name :
<b>(A) Required Specifications :</b>		<b>(B) Specifications available in offered model compared to column (A)</b>	
<b>Specifications~</b> It should comply with the following specifications~			
A lifelike arm reproduction simulator designed so that subcutaneous injection can be realistically demonstrated, practiced and assessed without a real patient.			
e)	<b>General Specifications</b>		
	<ul style="list-style-type: none"> <li>It should be a high-quality subcutaneous injection simulator allowing subcutaneous injection training.</li> </ul>		
	<ul style="list-style-type: none"> <li>Suitable for group instruction.</li> </ul>		
	<ul style="list-style-type: none"> <li>It should be made up of high quality stain resistance, latex free durable soft material (e.g. silicon rubber) having natural colour of human skin giving realistic skin feeling.</li> </ul>		
	<ul style="list-style-type: none"> <li>It should be maintenance free, easy-to-clean, hypoallergic and should not mold.</li> </ul>		
	<ul style="list-style-type: none"> <li>The skin material should be such that needle tracks should not appear, there should be minimal damage and it should reseal.</li> </ul>		
	<ul style="list-style-type: none"> <li>The lifelike skin should be extremely durable and can be quickly and easily exchanged when necessary.</li> </ul>		
	<ul style="list-style-type: none"> <li>The manikin should be a combination of epidermis, dermis, fat and muscle</li> </ul>		
	<ul style="list-style-type: none"> <li>Material should release subcuticular liquid quickly on peeling of epidermis layer.</li> </ul>		
	<ul style="list-style-type: none"> <li>Tissues should be soft and warm for realistic touch.</li> </ul>		
	<ul style="list-style-type: none"> <li>This high-quality SC injection manikin simulator should have facility to attach to an arm or thigh to help to teach professional-to patient communication</li> </ul>		
	<ul style="list-style-type: none"> <li>Manikin should have a realistic anatomy allowing for placing correct subcutaneous injections in an exceptionally graphic way. The built-in fine electronics should produce audio-visual feedback of the result e.g. correct or incorrect injection, bone contact or wrong location etc.</li> </ul>		
	<ul style="list-style-type: none"> <li>Additional trainings and control modes optionally provide an immediate or subsequent performance check under training conditions.</li> </ul>		
	<ul style="list-style-type: none"> <li>Life-like touch resistance of the injection site that accurately resembles the human</li> </ul>		

	arm	
f)	The arm should allow practice of~ <ul style="list-style-type: none"> <li>• Subcutaneous injection + Intradermal injection</li> <li>• Training of tissue management</li> <li>• Should be reusable for at least 250 students</li> </ul>	
g)	It should be portable & weighs upto 1-2 Kgs (aprox); dimensions similar to adult human arm	
h)	It should be supplied with~ <ul style="list-style-type: none"> <li>• Skin pad &amp; muscle block for injection trainer-1 No, epidermis for injection- 2 Nos</li> <li>• 2 AA batteries (5 pairs) (if applicable)</li> <li>• Replacement skin</li> <li>• 5-ml injection syringes (2-3) &amp; 21 G/0.8 injection needle (5-10)</li> <li>• Original instruction manual, literature &amp; carrying case</li> <li>• All other necessary accessories (over &amp; above mentioned here) should be provided with unit.</li> </ul>	
e)	Electrical/Power Supply~ Operate on mains 220-240V, 50 Hz single phase (AC) (fitted with Indian plug) i.e. fully compatible with Indian settings (if applicable)	
f)	Certifications~ Instrument should have US-FDA <b>OR</b> European CE certification <b>OR</b> EC <b>OR</b> ISO : 9001 from original manufacturer.	
g)	Warranty~ The system should be quoted with two (2) years warranty followed by five (5) years CMC rates for the complete unit.	
h)	Additional~ <ul style="list-style-type: none"> <li>• The principal manufacturer must have authorized service- support center /engineers in Surat or nearby Surat for quick and prompt service support.</li> <li>• The quoted model should have proven track record and presence in Indian market for at least past 03 years with necessary supporting documents.</li> <li>• At least 03 performance certificates for the quoted item should be provided.</li> <li>• Actual demonstration of the quoted item will be mandatory.</li> </ul>	

Sr No.7 ~ Pediatric intraosseous line/ leg			Quantity ~ Two (02)
Manufacturer Name :		Brand Name :	Model Name :
(A) Required Specifications :		(B) Specifications available in offered model compared to column (A)	
<b>Specifications~</b> It should comply with the following specifications~			
A teaching model for training the medical students, basic clinic nurses and first aid people to demonstrate and practice intraosseous techniques for child and infants			
a)	<b>General Specifications</b>		
	<ul style="list-style-type: none"> <li>Suitable for group instruction and portable.</li> </ul>		
	<ul style="list-style-type: none"> <li>Should be pediatric leg with palpable landmarks including patella, tibia and tibial tuberosity with accurate anatomical landmark resembling a human infant and child.</li> </ul>		
	<ul style="list-style-type: none"> <li>It should be made up of high quality stain resistance, durable soft material (e.g. silicon rubber) having natural colour of human skin giving realistic skin feeling. The realism is further enhanced by the elasticity of tissue and skin material</li> </ul>		
	<ul style="list-style-type: none"> <li>It should be maintenance free, easy-to-clean, hypoallergic and should not mold.</li> </ul>		
	<ul style="list-style-type: none"> <li>Replaceable skin and vein system ensures longevity of model. This replacement should be quick (within minutes)</li> </ul>		
	<ul style="list-style-type: none"> <li>Provides clear picture of human anatomy i.e. detailed anatomy featured on the infant intraosseous infusion trainer stands out</li> </ul>		
	<ul style="list-style-type: none"> <li>Spare parts: we will need to do 400 times intraosseous insertions for one batch, so it should be able withstand.</li> </ul>		
	<ul style="list-style-type: none"> <li>Synthetic blood concentrate: red dye concentrate</li> </ul>		
b)	It should be portable		
c)	It should be supplied with		
	<ul style="list-style-type: none"> <li>A sturdy carrying case, original directions for use, sanitation kit, lubrication spray</li> </ul>		
	<ul style="list-style-type: none"> <li>Leg on stand, 1 intraosseous leg with extra10 bones inserts, 10 leg skins, IV bag, syringe, wax, IO infusion needle - 16 gauge needle for pediatric patients and 18 gauge needle for infants.</li> </ul>		
	<ul style="list-style-type: none"> <li>Intraosseous bone kit</li> </ul>		
	<ul style="list-style-type: none"> <li>All other necessary accessories (over &amp; above mentioned here) should be provided with unit.</li> </ul>		
d)	Electrical/Power Supply~ Operate on mains 220-240V, 50 Hz single phase (AC) (fitted with Indian		

	plug) i.e. fully compatible with Indian settings (if applicable)	
e)	Certifications~ Instrument should have US-FDA OR European CE certification OR EC OR ISO : 9001 from original manufacturer	
f)	Warranty~ The system should be quoted with two (2) years warranty followed by five (5) years CMC rates for the complete unit.	
g)	Additional~	
	<ul style="list-style-type: none"> <li>The principal manufacturer must have authorized service- support center /engineers in Surat or nearby Surat for quick and prompt service support.</li> </ul>	
	<ul style="list-style-type: none"> <li>The quoted model should have proven track record and presence in Indian market for at least past 03 years with necessary supporting documents.</li> </ul>	
	<ul style="list-style-type: none"> <li>At least 03 performance certificates for the quoted item should be provided.</li> </ul>	
	<ul style="list-style-type: none"> <li>Actual demonstration of the quoted item will be mandatory.</li> </ul>	

**Signature of Tenderer with Seal**

**Dean,  
SMIMER Medical College,  
Surat Municipal Corporation**