



**GOVERNMENT OF WEST BENGAL  
OFFICE OF THE PRINCIPAL  
CALCUTTA NATIONAL MEDICAL COLLEGE**

32, GORACHAND ROAD, KOLKATA-700 014

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**NOTICE INVITING E- TENDER FOR SETTING UP A NEW SKILL LAB ON TURN KEY BASIS BY  
THE PRINCIPAL, CALCUTTA NATIONAL MEDICAL COLLEGE, KOLKATA- 700 014**

(Through Pre-qualification)

(Submission of Bid through NIC e- tender portal)

**Memo No CNMC/ST/378/P**

**Dated - 10.02.2021**

The Principal, Calcutta National Medical College having its office at 32, Gorachand Road, Kolkata-700014 is going for e-tender on behalf of the Health & Family Welfare Department, Government of West Bengal to set up Skill Lab on Turn Key Basis along with installation & supply of equipment, instruments & training modules as per annexed list from the bonafied manufacturer/authorized distributor/direct importer. Necessary Earnest Money of Rs. 6,00,000,- is required to be submitted for each tenderer in the Tender through online.

**List of equipments for Skill Lab**

<b>Sr. No.</b>	<b>Name of the items</b>	<b>Projected Quantity</b>
1	Adult Multi-Venous IV Arm	05 Such
2	Soft tissue injection trainer- for I/M, I/D and S/c injection	05 Such
3	Gluteal region IM injection trainer	05 Such
4	Catheterization Trainer	Male & Female, 3 Each
5	Making for skin Suturing	06 Such
6	Comprehensive IUD Trainer with Surgical tools	05 Such
7	Pelvic trainer	04 Such
8	Advanced Birthing simulator	02 Such
9	Adult CPR Trainer	04 Such
10	Infant CPR Trainer	04 such
11	Tracheal Intubation manikin	02 such
12	Cardiac Manikin	04 such
13	Breast Examination	04 such
14	Whole body manikin	02 such

Procedure for Deposit of EMD/BID Security Related TO E-Procurement of the State Government Departments (through NET BANKING/RTGS/NEFT): - *Earnest Money of Rs. 6,00,000.00/-* (Rupees Six Lakhs only) for each participant. The process may be followed as per memorandum of the Finance Department Audit Branch bearing Memo No-3975-F(Y) dated: 28<sup>th</sup> July, 2016 (GRIPS) .

### **1. LOGIN BY BIDDER:**

- a) A bidder desirous of taking part in a tender invited by a State Government Office/PSU/Autonomous Body /Local Body / PRIs, etc. shall login to the e-Procurement portal of the Government of West Bengal <https://wbtenders.gov.in> using his login ID and password.
- b) He will select the tender to bid and initiate payment of pre-defined EMD / Tender fees for that tender by selecting from either of the following payments modes:
  - i) Net banking (any of the banks listed in the ICICI Bank Payment gateway) in case of payment through ICICI Bank Payment Gateway;
  - ii) RTGS/NEFT in case of offline payment through bank account in any Bank

### **2. PAYMENT PROCEDURE:**

#### **a) Payment by Net Banking (any enlisted bank) through ICICI Bank Payment Gateway**

- i. On selection of net banking as the payment mode, the bidder will be directed to ICICI Bank Payment Gateway webpage (along with a string containing a Unique ID) where he will select the Bank through which he wants to do the transaction.
- ii. Bidder will make the payment after entering his Unique ID and password of the bank to process the transaction.
- iii. Bidder will receive a confirmation message regarding success /failure of the transaction.
- iv. If the transaction is successful, the account paid by the bidder will get credited in the respective pooling account of the State Government /PSU /Autonomous Body/Local Body /P.R.I.s, etc maintained with the Focal Point Branch of ICICI Bank at R.N. Mukherjee Road, Kolkata for collection of EMD/Tender Fees.
- v. If the transaction is failure, the bidder will again try for payment by going back to the first step.

#### **b) Payment through RTGS/NEFT**

- i) On selection of RTGS/NEFT as the payment mode, the e-Procurement Portal will show a pre-filled challan having details to process RTGS/NEFT transaction.
- ii) The bidder will print the challan and use the prefilled information to make RTGS/NEFT payment using his bank account.
- iii) Once payment is made, the bidder will come back to the e- procurement portal after expiry of a reasonable time to enable the NEFT/ RTGS process to complete, in order to verify the payment made and continue the bidding process.
- iv) If verification is successful, the fund will get credited to the respective Pooling Account of the State Government / PSU/Autonomous Body/Local Body/ PRIs etc. maintained with the focal point branch of ICICI Bank at R.N. Mukherjee Road,

Kolkata for collection of EMD /Tender Fees.

v) Hereafter, the bidder will go to e-Procurement Portal for submission of the bid.

vi) But if the payment verification is unsuccessful, the amount will be returned to the bidder's account.

### **3. Refund/ Settlement Process.**

i) After opening of the bids and technical evaluation of the same by the tender inviting authority through electronic processing in the e-payment portal of the State Government, the tender inviting committee will declare the status of the bids as successful or unsuccessful which will be made available, along with the details of unsuccessful bidders, to the ICICI Bank by the e procurement portal through web services.

ii) On receipt of the information from the e procurement portal, the bank will refund, through an automated process, the EMD of the bidders disqualified at the technical evaluation to the respective bidders' bank account from which they made payment transaction. Such refund will take place within T+2 bank working days where T will mean the date on which information on rejection of bid is uploaded to the e procurement portal by the tender inviting authority.

iii) Once the financial bid evaluation is electronically processed in the e-procurement portal, EMD of the technically qualified bidders other than that of L1 and L2 bidders will be refunded, through an automated process, to the respective bidder's bank account from which they made the payment transaction. Such refund will take place within T+2 bank working days where T will mean the date on which information on rejection of bid is uploaded to the e procurement portal by the tender inviting authority. However, L2 bidder should not be rejected till the LOI process is successful.

iv) If the L1 bidder accept the LOI and the same is processed electronically in the e- procurement portal, EMD of the L2 bidder will be refunded through an automated process, to his bank account from which he made the payment transaction. Such refund will take place within T+2 bank working days where T will mean the date on which information on Award of contract (AOC) to the L1 bidder is uploaded to the e-procurement portal the tender inviting authority.

v) As soon as the L1 bidder is awarded the contract (AOC), and the same is processed electronically in the e- procurement portal –

a) EMD of the L1 Bidder of the tenders of the State Government Offices will automatically get transferred from the Pooling account to the State Government Deposit Head' 8443-00-103-001-07' through GRIPS along with the bank particulars of the L1 bidder.

b) EMD of the L1 bidder for the tenders of the State,/PSU/Autonomous Bodies/ Local Bodies/ PRIs etc. will automatically get transferred from the pooling account to their respective linked bank accounts along with the bank particulars of the L1 bidder.

In both the above cases, such Transfer will take place within T+1 bank working days where T will mean the date on which the award of contract (AOC) is issued.

vi) The bank will share the details of GRN No. generated on successful entry

in GRIPS with the e- procurement portal for updation.

vii) Once the EMD of L bidder is transferred in the manner mentioned above ,Tender fees, if any, deposited by the bidders will be transferred electronically from the pooling account of the Government Revenue Receipt Head "0070-60-800-013-27" through GRIPS for Government Tenders and to the respective linked bank accounts for State/ PSU/Autonomous Body/Local Body/ PRIs etc. Tenders.

viii) All refunds will be made mandatorily to the bank account from which the payment of EMD and tender fees (if any) were initiated

**1. General Instructions:**

In the event of e-filing, intending bidder may download the tender documents free of cost from the website: <https://wbtenders.gov.in> directly with the help of Digital Signature Certificate & necessary earnest money may be submitted as per above mentioned procedure.

**2. Submission of bids :**

Both Technical bid and Financial Bid are to be submitted concurrently duly digitally signed by the authorized signatories in the website <https://wbtenders.gov.in>. All papers must be submitted in English language.

**3. Time Schedules for the e-tender (Re-tender) :**

The time schedule for obtaining the bid documents, pre bid meetings, registration with the tendering authorities, the submission of bids and other documents etc. will be as per the list provided in clause no 21 as given below.

**4. Eligibility For Quoting :**

Principal manufacturer (inside or outside of West Bengal) or their authorized distributor, direct importers holding valid import license, state based PSUs & State based other manufacturing units whose average annual turnover for last three financial year is more than Rs. 3.00 (Three) crore (more than Rs. 1.50 crore in case of authorized distributor) & S.S.I unit registered in West Bengal whose average annual turnover for last three financial year is more than Rs. 50 (fifty) lakhs, are only eligible to participate in the tender.

Average annual turnover rate should be mentioned separately

**5. Submission Of The Tenders :**

The tender is to be submitted in a two Bid System.

[A] Technical Bid:

(a). Statutory Cover Containing the following documents:

1. COVER "A":

**"BID A": PART I**

(SINGLE FILE MULTIPLE PAGE SCANNED)

Essential Requirements of the Tendering Firm for participation" shall contain all papers related to the essential requirements of the Tenderer for participation in the tender viz.

A	Submission of online EMD prescribed
B	CHECK LIST in the prescribed format
C	Application in the prescribed format given in Annexure I
D	Authorization letter of signatory from Company in Annexure II
E	Authorization letter of Distributor/Importer from Manufacturer Company in Annexure III
F	Copy of Agreement between manufacturer & the importer in Annexure IV

**“BID A”: PART II**

Technical specifications of the items should be given in the format in PDF.

**2. COVER “B”:**

**NON-STATUTORY/ MY DOCUMENTS Containing the following documents:**

Sl	Category	Sub Category	Sub Category Description
A.	Certificates	A1. Certificates	PAN Card of the authorized signatory
			Professional Tax Registration certificate
			GST Registration certificate
			EPF/ESI Certificate
			Pollution Control Board Clearance Certificate
B.	COMPANY DETAILS	B1. COMPANY DETAILS	Trade License
			Registration with Registrar of Companies
C.	CREDENTIAL	C1: Credential 1	Affidavit for No conviction
			Certificate of country of origin relating to the Equipment /Instrument
			Export-Import license with IEC Code (for Importer)
		C2 : Credential 2	Manufacturing License
			Manufacturer’s Guarantee
			Test Report from the leading Test House
			Quality Assurance certificate of the Equipment/Instrument.
			LIST OF PURCHASERS
Credential certificate from Purchasers			
D.	FINANCIAL INFORMATION	PAYMENT CERTIFICATE 1	Income Tax Returns submitted for the year 2017-18, 2018-19,2019-20
			GST Returns (of the last quarter)
		D1. P/L & BALANCE SHEET	1. P/L & Balance sheet for the year 2017-18, 2018-19, 2019-20
		Banker’s Certificate	Banker’s certificate from a schedule bank for solvency

- The Brochure /Testimonials of the equipment /instrument should be submitted along with the hard copy documents for examination of tender selection committee /purchase committee

[B] FINANCIAL BID “B”:

(i) **BOQ for INR (in excel sheet)**

The folder as “Financial Bid” shall contain base price of the equipment/Instrument with 3 (three) years on-site comprehensive Warranty in Indian currency including cost of insurance, packing, freight charges, delivery charges, testing charges, incidental charges, if any and cost of the installation of the Instrument but excluding of GST, Entry tax, Cess and other Govt. taxes (if any) to be shown separately in the Bill of Quantities.

The L<sub>1</sub> will be determined only on Base rate with 3 (three) years comprehensive on-site warranty including cost of insurance, packing, freight charges, delivery charges, testing charges and incidentals if any.

The appropriate % of GST, Entry tax, Cess or other taxes as claimed by the bidder would be applicable as per prevailing Govt. order.

The cost of CAMC for next two years is to be quoted separately in the BOQ for the equipment including all accessories & ancillaries as given in the specification. The rate is required to be quoted year wise.

The tenderers are required to submit the hard copies of Bid A along with the Brochure of the Equipment/instrument as per schedule more clearly described in the time line vide clause 21 along with submission of online EMD prescribed. Submission of hard copy of Bid A to the office of the Principal, Calcutta National Medical College (CNMC) is for reference only while examining the technical bid on line and will not be treated as substitute for on line submission. However, Brochure/testimonials of the equipment are to be enclosed separately with the hard copy of Bid A for examination. Submission of hard copy of Bid B is totally prohibited and only be submitted through on line through NIC portal.

## **6. Evaluation of the tenders**

During the tender evaluation process on line, the “Bid A” will be opened first. Those Tenderer who have qualified the essential & other requirements will be identified for giving demonstration of the equipment. After demonstration the qualified tenderer will be identified and only their “Bid B” i.e. financial bid will be opened. The “Bid B” of those Tenderer failing to meet the technical & other requirements of participating in the tender will not be opened and be rejected. The Tenderer offering the item found suitable and as being as per the tender specifications will only be selected.

The Tenderer who have been so identified to have been technically suitable in the context of above will be deemed to have passed the test of essential and other requirement of the quoted item or items.

**Demonstration centre must be within India preferably within West Bengal.**

The “Bid B” (Financial Bids) of only these tenderers passing the essential and other requirement test will be opened then subject to verification of hard copies of the

audited balance sheet and Profit & Loss Accounts of the tenderer for the last three years i.e. for the year 2016-17, 2017-18, 2019-20

If found suitable in the context of above pre qualification etc, the Tenderer quoting the lowest rate in the base price with 3 (three) years comprehensive on-site warranty will be considered as successful.

**1. RATE:**

The price is to be quoted in Indian Rupees with cost of 3 (three) years on-site comprehensive warranty including cost of insurance, packing, forwarding, freight charges, delivery charges, testing charges, incidental charges, if any and installation of the instrument. The instrument is to be transported in such packaging so that there is no damage to the primary packaging during the transportation process.

GST, Excise Duty, Entry Tax & Cess etc. which shall be quoted separately in the template for Bill of Quantities (BOQ).

Percentage of Excise Duty, CESS etc, and Percentage of GST is required to be mentioned in the appropriate Column of the template for Bill of Quantities.

The cost of CAMC for next two years is to be quoted separately in the BOQ for the equipment including all accessories & ancillaries as given in the specification

**2. ORDER & SUPPLY:**

Orders for the supply of the approved products will be placed with the successful tenderers after the execution of the agreements. The successful tenderer will have to supply within the specified time schedule that had been assured at the time of selection as supplier.

**3. WITHDRAWAL/CANCELLATION & PURCHASE POLICY OF TENDERING AUTHORITY:**

- a. The tendering authority reserves the right to withdraw any item from the tender at any stage. The selection of such item, if already made in favour of any Tenderer, shall be treated as cancelled.
- b. The tendering authority reserves the right to reject or accept any tender or part thereof at any stage or to split any tender without assigning any reason. Withdrawal of tender or any revision after submission of tender by the Tenderer will not be allowed.
- c. The tendering authority reserves the right to accept or reject any tender, in part or in full, without assigning any reason.
- d. Purchase will, however be made following the existing purchase policy of the Govt of West Bengal and its amendment(s) made from time to time. The purchase policy of the State Government as provided in the West Bengal Financial Rules, the policy of price preference in particular incorporated under Notification No. 10500-F dated 19.11.04 should be observed in considering the tenders.

**4. Spare Parts**

On being selected, the L<sub>1</sub> Bidder will undertake that supplies of necessary maintenance equipment and spare parts will be made available for all items/equipments and the complete system for at least five years on a continuing

basis. However, this does not relieve the supplier of any warranty obligations under the contract.

**5. Guarantee / Warranty Period:**

The tenderers must quote basic rate along with 3 years comprehensive onsite warranty of entire system (including all spares & labour) from the date of completion of the satisfactory installation.

For extended warranty of next 2 years rate should be quoted separately.

**6. After Sale Service:** Confirmation Letter for "After Sales Service" during the entire period of equipment Lifespan from the date of installation and fully equipped Service Centre in Kolkata. Life Span should be mentioned.

**7. Delivery, Installation and Commissioning :**

- a. Delivery of the goods at the purchaser's premises shall be completed by the Supplier in accordance with the terms specified by the purchaser. The installation, testing and commissioning of the proposed system shall be completed in accordance with the order.
- b. In case of distributor, the firm should be direct distributor from the principal's. The sub-distributor or authority by distributor will not be accepted at all.

**14. Special Terms and Conditions for Tender Submission**

Quality assurance certification like ISO 9000 series or higher should be attached wherever applicable.

**15. PENALTY CLAUSES-**

Penalty for Formation of Cartel or Furnishing of Fraudulent/Misleading Documents:

- i. If during the tender process or at any state during the validity of the tender period, it is found that a Tenderer(s) has formed a cartel in what so ever form or name to fix up the rates or suppliers to the detriment of the fairness of the tender process, penal measures shall be initiated by debarring him from joining in the tender and his earnest money will be forfeited straightaway and the firm will be blacklisted for a period of 3 (three) years.
- ii. Similar penal measures shall also be initiated against those tenderers who have submitted false/ misleading/ fraudulent documents or made incorrect declarations. The penal measure will also include Forfeiture of Performance Bank Guarantee if enlisted as a supplier.

**16. APPEAL:**

Appeal against the decision of the Principal, Calcutta National Medical College, West Bengal and to impose such a penalty will lie with the H&FW Dept. The Special Secretary/Secretary/Principal Secretary will be the appellate authority within the Department of Health & Family Welfare, Government of West Bengal. Before imposing any penalty as per clauses 15 the concerned supplier may appeal to the authority citing the proper reasons for non- imposing the penalty as stated.

17. **AGREEMENT:**  
On a tender being accepted, intimation of acceptance will be forwarded to the Tenderer by Principal, Calcutta National Medical College. After communication of the same, the Tenderer will have to execute agreement in the prescribed form with the Principal, Calcutta National Medical College.
18. **VALIDITY PERIOD OF AGREEMENT:**  
The contract period will be for a period of two years which may be extended up to six months with prior approval of the tender selection committee of this teaching institution if necessary.
19. **PERFORMANCE BANK GUARANTEE'**  
The performance bank guarantee will be mandatory for all suppliers and will not be waived in any case.  
The successful tenderers shall be required to furnish the 'Performance Bank Guarantee'@ 10% of L<sub>1</sub> rate per item for which the Tenderer has been selected as supplier & shall valid up to the completion of CAMC.
20. **PAYMENT TERMS:**  
Payment will be made through e payment system through ECS/RECS/RTGS after execution of due supply as ordered subject to:
- Submission of Performance Bank Guarantee in terms of Clause 19 and subject to penalty clause in terms of Clauses 15.
  - Supply of the materials as per specification as provided in the tender documents.
  - Successful matching of supplied materials with the technical specification of CNMC.
  - Supply of the materials within the supplied period as specified in the work orders.
  - On being selected, the successful vendors will have to submit one application to the Accounts Officer, CNMC stating the name of the payee/ recipient, Bank account no with MICR code & IFSC code, of the payee/recipient for making e-payment.
  - No manual payment is allowed to be made as far as practicable.

## 21. Dates & Information:

SI	Items	Publishing date(s)
1	Date of uploading of N.I.T. Documents (online) from this end.	10.02.2021 at 5.00 PM
2	Documents download/sell start date (Online)	10.02.2021 at 5.00 PM
3	Date of Pre Bid Meeting with the intending bidders at the office chamber of the Principal, Calcutta National Medical College , 32 Gorachand Road, Kolkata – 700 014	15.02.2021 at 3.00 PM
4	Date of Hoisting of Documents at departmental website <a href="http://www.wbhealth.gov.in">www.wbhealth.gov.in</a>	10.02.2021
5	Bid Submission starting (On line)	19.02.2021 at 5.00 PM

SI	Items	Publishing date(s)
6	Bid Submission closing (On line)	10.03.2021 at 2.00 PM
7	Last Date of submission of original copies	10.03.2021 at 2.00 PM
8	Bid opening (Bid A ) & Technical Evaluation	12.03.2021 at 3.00 PM
9	Date of uploading list for Technically Qualified Bidder (online) (Bid A)	Will be notified later
10	Date of Demonstration of Instrument	Will be notified later
11	Date of uploading list of Technically Qualified Bidder after demonstration	Will be notified later
12	Date for opening of Financial Proposal (Bid B) (Online)	Will be notified later
13	Date of uploading of list of bidders along with the approved rate	Will be notified later

22. The **Principal, Calcutta National Medical College, Kolkata** reserves the right to change the above schedule in case of any exigencies after putting up a notice in the Health Department, West Bengal website and notice board of this institution.

23. Bidders of concerned groups are requested to be present in the office chamber of the **Principal, Calcutta National Medical College, Kolkata** during their respective day of opening of technical and financial bid as per schedule or AS TO BE NOTIFIED LATER ON.

24. No objections in this respect will be entertained raised by any Bidder who will be present during opening of bid, or from any Bidder who will be absent at the time of opening of Financial Bid. No informal tenderer will be entertained in the Bid further.

25. During the scrutiny, if it come to the notice to tender inviting authority that the credential or any other paper found incorrect/ manufactured/ fabricated, that bidder would not allowed to participate in the tender and that application will be out rightly rejected without any prejudice.

26. The Tender Selection Committee reserves to right to cancel the N.I.T. due to unavoidable circumstances and no claim in this respect will be entertained.

27. The company which has been blacklisted during last five years by any Government Department/Agency will not be eligible for participation.

## **28. BENEFITS, CORRUPTION AND FRAUD:**

(a) The vendor warrants that it has not and shall not offer any direct or indirect benefit arising from or related to the performance of the contract or the award thereof to any representative, officials, employee, or any others engaged in the procurement process whether during the period the contract is in process or before or after the contract is over. The vendor acknowledges and agrees that any beach of this provision is a breach of an essential term of the contract as specified.

(b) Corruption means the offering, giving, receiving or soliciting of, directly or indirectly, anything of value to influence the action of any official, employee or agent or any organization engaged in the selection process or in the execution of the contract.

(c) Fraud means a misrepresentation or omission of facts in order to influence the selection process or the execution of the contract.

### **29. ARBITRATION:**

Except for a dispute in connection with termination in which respect the decision of the authority shall be final, any dispute between the parties arising out of or relating to this agreement which cannot be resolved through good faith negotiation shall be settled in arbitration in accordance with the provisions of the Arbitration Act. The arbitration hearing shall be held in Kolkata only. The award of the arbitrator (s) shall be binding on both the parties. The cost of arbitration shall be borne by the respective parties.

### **30. COURT OF LAW:**

In case of any dispute in between the parties, the matter will be settled in appropriate Court of Law within Kolkata Jurisdiction.

### **31. Address For Communication:**

The Purchaser address for notice purpose is  
CALCUTTA NATIONAL MEDICAL COLLEGE  
32, GORACHAND ROAD, KOLKATA-700014  
PHONE -033-2284-4834  
E-Mail- [prin\\_cnmc@wbhealth.gov.in](mailto:prin_cnmc@wbhealth.gov.in), [msvp\\_cnmch@wbhealth.gov.in](mailto:msvp_cnmch@wbhealth.gov.in)

**Principal**  
**Calcutta National Medical College**

### FORMAT FOR CHECK LIST

Sl. No.	Items	Pl mark <input type="checkbox"/>		Page no
		Yes	No	
1	Application submitted in Annexure I	Yes	No	
2	Annexure II (Authorization letter of signatory from the Company)	Yes	No	
3	Annexure III (Copy of authorization of the distributor from the Company.	Yes	No	
4	Annexure-IV (Copy of Agreement between manufacturer & the importer/authorized distributor)	Yes	No	
5	EPF/ESI Certificate	Yes	No	
6	Pollution Control Board clearance	Yes	No	
7	Copy of PAN Card of the authorised signatory	Yes	No	
8	Professional Tax Registration certificate	Yes	No	
9	Earnest money of Rs 50000/-	Yes	No	
10	Last 3 financial years' returns of Income Tax i.e. for 2016-17, 2017-18, 2018-19,	Yes	No	
11	GST returns of the last Quarters/ last months	Yes	No	
12	Export-Import license with IEC Code (for Importer)	Yes	No	
13	P/L & Balance sheet for the year 2017-18, 2018-19, 2019-20	Yes	No	
14	Affidavit of non conviction affirmed before a Notary public /First Class Judicial Magistrate /Executive Magistrate (affidavit sworn after 01.06.2015)	Yes	No	
15	Manufacturer's guarantee	Yes	No	
16	List of purchasers	Yes	No	
17	Credential Certificate from the purchasers	Yes	No	
18	Test report from leading test house	Yes	No	
19	Certificate about quality assurance	Yes	No	
20	Banker's certificate from a schedule bank for solvency	Yes	No	
21	Confirmation of after sale service	Yes	No	
22	Confirmation of Demonstration service	Yes	No	

Annexure I  
APPLICATION FORMAT

(To be furnished in the Company's official letter pad with full address and contact no etc)

To  
The Principal  
Calcutta National Medical College  
32, GORACHAND ROAD, KOLKATA-700 014

*Sub:* NIT for Hospital Equipment/ Instruments for Calcutta National Medical College, Kolkata (CNMC)  
*Re:* CNMC Memo No ..... dated .....

Respected Sir,

Having examined the pre-qualification & other documents published in the N.I.T, I /we hereby submit all the necessary information and relevant documents for evaluation:

1. That the application is made by me /us on behalf of ..... In the capacity of..... duly authorized to submit the offer. The authorization letter from the Company is attached in Annexure II.
2. We accept the terms and conditions as laid down in the NIT mentioned above and declare that we shall abide by it for throughout the tender period.
3. We are offering rate for the following item /items and assured supply to the Calcutta National Medical College under Health & Family Welfare Department, Government of West Bengal as per Table-1 (Instruments Specification)
4. The copy of the authorization letter from the manufacturer is attached in annexure III
5. The *Copy* of Agreement between manufacturer & the importer /authorized distributor is attached in annexure IV
5. In the event of being selected, supply will be made within the stipulated period excepting the condition which is beyond our control.
6. We understand that:
  - (a) Tender Selection Committee/ Purchase committee of the CNMC/ H&FW Dept can amend the scope & value of the contract bid under this project.
  - (b) Tender Selection Committee/ Purchase committee of the CNMC/H&FW Dept reserves the right to reject any application without assigning any reason;

Date:

Signature of applicant  
(Including title and capacity in which application is made)  
Contact no:  
Tele:  
Mobile:  
E Mail address:

## **Annexure II**

Authorization letter from Company for authorized signatory who will upload the bid on behalf of the Company

**Annexure III**

Copy of authorization letter of the distributor/Importer from Manufacturer

**Annexure-IV**

Copy of Agreement between manufacturer & the importer/authorized distributor

## List of Equipment / Instruments (Specifications)

Name of the Item: **SKILL LAB ITEM WISE SPECIFICATION FOR E-TENDER**

Item	Technical Specifications	Required Quantity	Technical specification by the bidders	Bidders deviation if any
<b>1. Adult Multi-Venous IV Arm</b>	1. Life-like arm, simulating intravenous injection at antecubital vein & dorsum of hand, latex free with replaceable skin. Accessible veins should include median, basilica and cephalic.	<b>5 Such</b>		
	2. Designed for simulating injection, peripheral intravenous therapy with feeling of vein penetration & blood flush back. It shall allow for repeated puncture without causing leak.			
	3. Both Adult & Pediatric IV Arm should be accessorized with 1 Replacement skin and multi-vein system , 1 Blood concentrate, 1 Blood Bag with Tubing and Connector, 1 Clamp and Hook in the carry case , 5 Syringes , 1 Manikin Lubricant ,1 Carry case , user manual.			
	4. Manikin should have European CE/USFDA Certification.			
<b>2. Soft tissue injection trainer- for I/M, I/D and S/c injection</b>	1. Shall have tissue layers representing epidermis, dermis fat and muscle layer, simulating for subcutaneous, intradermal and intramuscular injection, latex free with replaceable tissue	<b>5 Such</b>		
	2. Epidermis layer should peel back to quickly release subcuticular liquid.			
	3. Manikin should have European CE/USFDA Certification.			
<b>3. Gluteal region IM injection trainer</b>		<b>5 Such</b>		
	1. Gluteal region manikin shall have tissue layers representing epidermis, dermis , fat & muscle layer, suitable for simulating intramuscular injection , Latex free with replaceable tissue.			
	2. It shall allow for repeated puncture.			
	3. Dorsal gluteal, ventral gluteal and thigh IM injections should be possible.			
	4. Manikin should have European CE/USFDA Certification			
<b>4. Catheterization Trainer</b>	1. Catheterization Trainer simulator –cum –enema task trainer –life size.	<b>Male and female (3 Each)</b>		
	2. Adult perineum with interchangeable male and female generation.			
	3. Genitalia when attached with urinary connectors and reservoirs shall facilitate the process of catheterizations, irrigation, perineal care including resistance at different urethral folds and sphincters.			
	4. When get attached with anal connectors & colon reservoirs shall facilitates the process of per rectal enema administration along with realistic return.			
	5. Bilateral thigh, dorsal, and ventral gluteal IM injections possible.			
	6. Manikin should have European CE/USFDA Certification.			

<p><b>5. Making for skin Suturing</b></p>	<p>1. Tissue layers representing epidermis, dermis, fat and muscle layer , suitable for simulating basic surgical skill i.e. cutting , suturing , related to instrument handling , knot tying and suturing. The contour shall conform the region under consideration. It shall be accessorized with replaceable activities. It shall be accessorized with replaceable tissue. Skills to be gained in reef knot technique, instrument tie, surgeons, tie, tying at vertical depth, tying at the angle depth.</p> <p>2. Manikin should have European CE/USFDA Certification.</p>	<p>6 Such</p>		
<p><b>6. Comprehensive IUD Trainer with Surgical tools</b></p>	<p>1.The manikin should be accompanied with surgical tools. It should provide comprehensive IUD training at all stages.</p> <p>2. Simplified human anatomical model of a postpartum uterus after birth. It should support training in postpartum intrauterine device insertion, uterine balloon tamponade insertions and other postpartum uterus interventions.</p> <p>3. Simplified human anatomical model both an interval uterus and a post-abortion uterus .it should support training for a variety of sexual and reproductive, IDU insertion and removal and for inspecting anteverted and retroverted position of the uterus.</p> <p>4. The making should be supplied with surgical tools - Kelly Forceps, Sponge forceps, Sim Speculum, Sponge forceps, Vullselum Forceps, Cusco Speculum, Uterine sound tool, MVA Cannula Artery Forceps.</p> <p>5. Manikin should have European CE/USFDA Certification.</p>	<p>5 Such</p>		
<p><b>7. Pelvic trainer</b></p>	<p>1. It should be anatomically similar with realistic representation of human pelvis and perineum for training of hands –on examination as well as diagnosis of gynecological &amp; obstetrical conditions.</p> <p>2. It should have a feeling of Abdominal wall (removable) with fat layer.</p> <p>3. Washable and latex free.</p> <p>4. Normal and abnormal position of uterus shall represent various clinical presentations.</p> <p>5. The cut structure of thighs and perineum region abdomen, pelvis and genitalia, Vagina, cervix, anus and lower bowel, uterus modules should be soft and made of durable material. *The complete system shall be able to train on the following uterus conditions-Normal – Nulliparous Cervix Large Fibroid -Nulliparous Ectropion Cervix, Small Fibroid – Nulliparous Polyp Cervix, Ovarian Cyst- Multiparous Cervix, Retroverted - Multiparous Cervix, Normal and pregnant uterus, 12-12 Weeks pregnant 14-16 Weeks Pregnant. * The students shall be able to learn and practice the assessment of following Skills - Recognition of perineal and pelvic anatomy including bony landmarks, Digital vaginal examination, Bi –manual examination Cervical smear procedure , Speculum use , Digital rectal examination.</p> <p>6. It should be possible to change Scenarios within seconds.</p> <p>7. It should be supplied with carry case and lubricant.</p> <p>8. Manikin should have European CE/USFDA Certification</p>	<p>4 Such</p>		

<b>8. Advanced Birthing simulator</b>	1. Shall have realistic pelvic floor, Articulating thighs for McRoberts's procedure, Stretchable perineum, Soft, flexible birthing canal.	2 Such		
	2. Anatomy should have Birth canal and cervix, ischial spines and pubic bone , Gynecoid pelvis Articulating thighs , Fully articulated baby with clavicles , fontanelles , flexible head and detachable umbilical cord and placenta			
	3. Normal, Vaginal breech Shoulder dystocia with force feedback, Vaginal assisted (forceps and vacuum devices), Third stage of labor, Cord prolapsed, Urinary catheter placement IM injection.			
	4. Should be able to simulate blood loss of up to 2 liters.			
	5. Shoulder dystocia with force feedback.			
	6. Blood flow and control atonic state of the uterus Atonic uterus should simulate contraction on fundal massage.			
	7. Management of post –partum bleeding, fundal massage, Bi-manual compression, Hemostatic balloon insertion and management, communication skills with mother when used with Simulated Patient , intramuscular injection, Estimating blood loss Early labor cervixes effacement , dilation and ripeness in line with Bishop's scoring.			
	8. Wireless manikin with automatic delivery.			
	9. Realistic representation of cervixes, including anterior lip, and presenting parts in soft birth canal, with palpable ischial spines.			
	10. The manikin should allow for ultrasound to help improved point –of-care diagnostics training.			
	11. The manikin should cover all stages of labor - from antepartum to postpartum			
	12. It should have Cardiac features with extensive ECG library.			
	13. BP features with auscultation of Korotkoff sounds, Pulse strength variable with BP, Bilateral carotid &brachial pulse, 12 lead ECG display on patient monitor, Seizure should possible.			
	14. It should have patient monitoring with physiological parameters like SpO2, CO2 , ABP, CVP etc.			
	15. Assessment and Bishop's scoring of ; Cervical dilation (1-10 cm), Cervical effacement (0- 100%),Cervical ripeness/consistency ( soft, medium , hard), Cervical position ( anterior, mid, posterior), Fetal station (-3 to +3), Assessment of an artificial rupture of membranes , Assessment of presenting pan flexed deflexed , brow , face , breech.			
	16. Fully articulated baby with clavicles, fontanelles flexible fetal joints, head detachable umbilical cord and placenta.			
	17. The manikin should have Eclampsia & pre-eclampsia, maternal collapse complication.			
	18. Normal delivery, Breech presentation, assisted deliveries Forceps & Vacuum, Shoulder dystocia , Cord prolapsed , Post –Partum Hemorrhage.			
	19. It should be supplied with carry case and lubricant.			
	20. Manikin should have European CE/USFDA Certification.			

<b>9. Adult CPR Trainer</b>	1. An adult upper body torso for CPR training	4 Such		
	2. Latex free			
	3. The manikin should have – a) A soft nose which can be occluded using the nose pinch technique. b) Facility for head tilt/chin lift and jaw thrust to open the airway c) Visible chest rise on effective ventilation and wireless feedback d) Feedback on ventilation volume , stomach inflation, clicker for chest compression as well as wrong head position. e) A disposable lower airway with an integral one way valve . f) Wifi connectivity for wireless tablets, smart phones and / or LCD wired feedback providing both student and instructor feedback.			
	4. The manikin should give feedback on Chest compression , Release , Compression Rate Ventilation Volume & wrong hand placement			
	5. Scoring based on compression & flow fraction to measure progress of student.			
	6. Monitoring up to 10 manikins should be possible with the software.			
	7. Accessorized with manikin faces, airway , manikin wipes, LCD compression and ventilation feedback device with user guide , Training –mat			
	8. Manikin should have European CE/USFDA Certification			
<b>10. Infant CPR Trainer</b>	1. The 3– month –old Little Baby.	4 Such		
	2. Head-tilt with open /locked airway.			
	3. Feedback on head positioning.			
	4. Visible chest-rise on ventilations.			
	5. See and feel the baby’s ribs.			
	6. Landmarks, nipple , breast tip.			
	7. Limbs with realistic movement			
	8. Choking training should be possible.			
	9. It should teach all the parameters of high- quality CPR as defined by the AHA.			
	10. The software should allow instructions to monitor multiple students simultaneously.			
	11. Feedback technology on compression rate, depth, recoil, chest compression fraction, hand placement, and ventilations.			
	12. Audio crying feedback for choking training			
	13. Durable construction with realistic length and weight.			
	14. Manikin should have European CE/USFDA Certification			
<b>11. Tracheal Intubation manikin</b>	1. Adult upper torso with mouth , nostril, teeth , tongue, pharynx , larynx, epiglottis, laryngeal cartilages, vallecula, vocal cords , trachea, esophagus and lungs,	2 Such		
	2. It must provide realistic head positioning. Neck flexion, extension and rotation, head lift/ chin lift/ jaw thrust.			
	3. It shall provide complete training in orotracheal and nasotracheal intubation procedures, insertion of laryngeal mask airway , combi-tube , fiberoptic intubation.			
	4. Ventilation with face shield & bag-valve- mask should be possible.			
	5. It shall be able to teach suctioning technique.			
	6. Oropharyngeal & nasopharyngeal airway insertion			

	<p>and suctioning.</p> <p>7. Vomiting , Esophageal intubation , Bronchoscopy, Bronchial intubation , Oxygen delivery procedures should be possible.</p> <p>8. Sellick maneuver should be possible.</p> <p>9. There shall be provision for supervision of students , performance like realistic checking of tube placement , expansion during ventilation . auscultation of breathing sound,</p> <p>10. Should have acoustic audio sensors triggered by excessive pressure on teeth, laryngospasms, vomiting and incorrect tube placement.</p> <p>11. Oral , Nasal &amp; Digital intubation should be possible.</p> <p>12. Should be provided with Airway demonstration model.</p> <p>13. It will be supplied with carrying case, practice board , user manual , lubrication spray , simulated stomach content</p> <p>14. Manikin should have European CE/USFDA Certification</p>			
<b>12. Cardiac Manikin</b>	<p>1. The manikin should have Arterial and venous pulses such as Carotid, Jugular , Brachial , Radial, femoral.</p> <p>2. It should have Precordial movements- Pulmonary, right ventricular, left ventricular, displaced left ventricular.</p> <p>3. Cardiac findings of carotids , Aortic radiation , Pulmonary radiation , Mitral radiation , Pulmonary finding of Right &amp; left upper, Right &amp; Left inferoposterior, Right &amp; left inferoanterior , abdominal breathing,</p> <p>4. The manikin should realistically simulate cardiac disease by varying blood pressure , pulses, heart sound , murmurs and breath sound.</p> <p>5. Presence of heart and lung sound at pulmonary area and presence of heart and lung sound at aortic area.</p> <p>6. The manikin should allow for Patients cases at various heart rates such as Cardiomyopathy, Severe aortic stenosis, Mild tricuspid regurgitation etc.</p> <p>7. The manikin should have 50 plus patient scenarios with numerous bedside findings.</p> <p>8. The manikin should have automatically synchronized movements.</p> <p>9. The manikin should allow korokoff sounds</p> <p>10. Manikin should have European CE/USFDA Certification.</p>	4 Such		
<b>13. Breast Examination</b>	<p>1. This shall provide skills to perform clinical Breast examination,</p> <p>2. Latex free, Soft tissue breasts should look and feel realistic.</p> <p>3. It should facilitates training on examination, of different breast pathologies including carcinomas , cysts, aspiration of cyst , fibrocystic diseases and fibro adenoma, identification of lymph nodes ( axillary, supra &amp; infraclavicular).</p> <p>4. Clavicular and axilla pads for accurate lymph node placement.</p> <p>5. Both Simulated Patient and benchtop training should be possible.</p> <p>6. Manikin should have European CE/USFDA Certification</p>	4 Such		

<b>14. Whole body manikin</b>	1. The Manikin should allow for high- quality airway management with supraglottic airway device.	02 Such		
	2. Oral & Nasal airway insertion.			
	3. Oral and nasal fiberoptic intubation			
	4. Realistic airway anatomy including cricoid cartilage ( oral- and Nasopharyngeal airway , Salick maneuver)			
	5. Auscultation of lung sound during ventilation			
	6. Lung sound synchronized with breathing rate			
	7. Individual lung or bilateral sound selection			
	8. Airway complication ( instructor controlled)			
	9. Brachial pulses & Radial Pulses : Pulse strengths dependent on blood pressure,			
	10. Heart sound , synchronized with programmable ECG.			
	11. Control physiological responses Scenario event registration & detailed event log.			
	12. Intuitive touchscreen interface to run both preprogrammed and custom scenarios for standardized training.			
	13. Instructors real-time performance indication for compressions, ventilation and hands-off time , as well as event logs for structure and objective debriefing.			
	14. Automatic breathing with realistic chest rise & fall			
	15. Automatically generated carotid pulses synchronized with ECG.			
	16. Live defibrillation and synchronized ECG			
	17. Blood Pressure auscultation (Korotkoff sounds synchronized with ECG)			
	18. 4 leads ECG monitoring			
	19. Pulse monitoring.			
	20. Voice lung ( Crackles , Pneumonia, Stridor, Wheeze, Rhonchi) and heart ( Aortic Stenosis, Friction Rub Austin Flint Murmur ,Diastolic, Murmur) sound for basic sound training			
	21. Detailed information about chest compression and release compression rate , ventilation volume feedback to measure and improve CPR performance.			
	22. The Manikin should be supplied with simulated patient monitor			
	23. Pulse monitoring			
	24. Voice , lung and heart sound for basic sound training			
	25. Detailed information about chest compression and release, compression rate, ventilation volume feedback to measure and improve CPR performance			
	26. The Manikin should be supplied with simulated patient monitor			
	27. Manikin should have European CE/USFDA Certification.			

- The project will be on turnkey basis
- All items should be European CE or US FDA
- All items should be quoted
- The manufacturer should have global presence
- The manufacturer should be of topmost quality.