

# **PHILIPPINE BIDDING DOCUMENTS**

**BAC3-CM-PR23730**

## **Supply of Laboratory Equipment for the Project: Establishment & Operations of the UP College of Medicine Simulation Center (FLR 2022)**

**College of Medicine  
University of the Philippines Manila**

**Government of the Republic of the Philippines  
December 2023**

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# *Glossary of Acronyms, Terms, and Abbreviations*

**ABC** – Approved Budget for the Contract.

**BAC** – Bids and Awards Committee.

**Bid** – A signed offer or proposal to undertake a contract submitted by a bidder in response to and in consonance with the requirements of the bidding documents. Also referred to as *Proposal* and *Tender*. (2016 revised IRR, Section 5[c])

**Bidder** – Refers to a contractor, manufacturer, supplier, distributor and/or consultant who submits a bid in response to the requirements of the Bidding Documents. (2016 revised IRR, Section 5[d])

**Bidding Documents** – The documents issued by the Procuring Entity as the bases for bids, furnishing all information necessary for a prospective bidder to prepare a bid for the Goods, Infrastructure Projects, and/or Consulting Services required by the Procuring Entity. (2016 revised IRR, Section 5[e])

**BIR** – Bureau of Internal Revenue.

**BSP** – Bangko Sentral ng Pilipinas.

**Consulting Services** – Refer to services for Infrastructure Projects and other types of projects or activities of the GOP requiring adequate external technical and professional expertise that are beyond the capability and/or capacity of the GOP to undertake such as, but not limited to: (i) advisory and review services; (ii) pre-investment or feasibility studies; (iii) design; (iv) construction supervision; (v) management and related services; and (vi) other technical services or special studies. (2016 revised IRR, Section 5[i])

**CDA** - Cooperative Development Authority.

**Contract** – Refers to the agreement entered into between the Procuring Entity and the Supplier or Manufacturer or Distributor or Service Provider for procurement of Goods and Services; Contractor for Procurement of Infrastructure Projects; or Consultant or Consulting Firm for Procurement of Consulting Services; as the case may be, as recorded in the Contract Form signed by the parties, including all attachments and appendices thereto and all documents incorporated by reference therein.

**CIF** – Cost Insurance and Freight.

**CIP** – Carriage and Insurance Paid.

**CPI** – Consumer Price Index.

**DDP** – Refers to the quoted price of the Goods, which means “delivered duty paid.”

**DTI** – Department of Trade and Industry.

**EXW** – Ex works.

**FCA** – “Free Carrier” shipping point.

**FOB** – “Free on Board” shipping point.

**Foreign-funded Procurement or Foreign-Assisted Project**– Refers to procurement whose funding source is from a foreign government, foreign or international financing institution as specified in the Treaty or International or Executive Agreement. (2016 revised IRR, Section 5[b]).

**Framework Agreement** – Refers to a written agreement between a procuring entity and a supplier or service provider that identifies the terms and conditions, under which specific purchases, otherwise known as “Call-Offs,” are made for the duration of the agreement. It is in the nature of an option contract between the procuring entity and the bidder(s) granting the procuring entity the option to either place an order for any of the goods or services identified in the Framework Agreement List or not buy at all, within a minimum period of one (1) year to a maximum period of three (3) years. (GPPB Resolution No. 27-2019)

**GFI** – Government Financial Institution.

**GOCC** – Government-owned and/or –controlled corporation.

**Goods** – Refer to all items, supplies, materials and general support services, except Consulting Services and Infrastructure Projects, which may be needed in the transaction of public businesses or in the pursuit of any government undertaking, project or activity, whether in the nature of equipment, furniture, stationery, materials for construction, or personal property of any kind, including non-personal or contractual services such as the repair and maintenance of equipment and furniture, as well as trucking, hauling, janitorial, security, and related or analogous services, as well as procurement of materials and supplies provided by the Procuring Entity for such services. The term “related” or “analogous services” shall include, but is not limited to, lease or purchase of office space, media advertisements, health maintenance services, and other services essential to the operation of the Procuring Entity. (2016 revised IRR, Section 5[r])

**GOP** – Government of the Philippines.

**GPPB** – Government Procurement Policy Board.

**INCOTERMS** – International Commercial Terms.

**Infrastructure Projects** – Include the construction, improvement, rehabilitation, demolition, repair, restoration or maintenance of roads and bridges, railways, airports, seaports, communication facilities, civil works components of information technology projects, irrigation, flood control and drainage, water supply, sanitation, sewerage and solid waste management systems, shore protection, energy/power and electrification facilities, national buildings, school buildings, hospital buildings, and other related construction projects of the government. Also referred to as *civil works or works*. (2016 revised IRR, Section 5[u])

**LGUs** – Local Government Units.

**NFCC** – Net Financial Contracting Capacity.

**NGA** – National Government Agency.

**PhilGEPS** - Philippine Government Electronic Procurement System.

**Procurement Project** – refers to a specific or identified procurement covering goods, infrastructure project or consulting services. A Procurement Project shall be described, detailed, and scheduled in the Project Procurement Management Plan prepared by the agency which shall be consolidated in the procuring entity's Annual Procurement Plan. (GPPB Circular No. 06-2019 dated 17 July 2019)

**PSA** – Philippine Statistics Authority.

**SEC** – Securities and Exchange Commission.

**SLCC** – Single Largest Completed Contract.

**Supplier** – refers to a citizen, or any corporate body or commercial company duly organized and registered under the laws where it is established, habitually established in business and engaged in the manufacture or sale of the merchandise or performance of the general services covered by his bid. (Item 3.8 of GPPB Resolution No. 13-2019, dated 23 May 2019). Supplier as used in these Bidding Documents may likewise refer to a distributor, manufacturer, contractor, or consultant.

**UN** – United Nations.



**UNIVERSITY OF THE PHILIPPINES MANILA  
BIDS AND AWARDS COMMITTEE 3**

2<sup>nd</sup> Floor, Joaquin Gonzales Compound, Padre Faura Street, Taft Avenue, Manila 1000,  
Philippines  
Tel: (632) 88141-223

**Invitation to Bid**

**Bid No. BAC3-CM-PR23730**

**SUPPLY OF LABORATORY EQUIPMENT FOR THE PROJECT:  
ESTABLISHMENT & OPERATIONS OF THE UP COLLEGE OF MEDICINE  
SIMULATION CENTER (FLR 2022)**

1. The University of the Philippines-Manila, through its Bids and Awards Committee 3 with **Fund FY 2022 FLR** intends to apply the sum of **Forty-Eight Million, Four Hundred Sixty-Seven Thousand, Five Hundred Pesos & 00/100 (PhP 48,467,500.00)**, being the **Approved Budget for the Contract (ABC)** to payments under the contract for the **Supply of Laboratory Equipment for the Project: Establishment & Operations of the UP College of Medicine Simulation Center (FLR 2022)**. Bids received in excess of the ABC shall be automatically rejected during bid opening.
2. The University of the Philippines-Manila now invites bids for the **Supply of Laboratory Equipment for the Project: Establishment & Operations of the UP College of Medicine Simulation Center (FLR 2022)**. Delivery Period is Thirty to Sixty (30-60) Calendar Days from the receipt of an approved Purchase Order and Notice to Proceed.

Bidders should have completed, within **two (2) years** from the date of submission and receipt of bids, a contract similar to the Project **amounting to at least 50% of the ABC of this contract to be bid.** The description of an eligible bidder is contained in the Bidding Documents, particularly, in Section II. Instructions to Bidders.

3. Bidding will be conducted through open competitive bidding procedures using a non-discretionary “pass/fail” criterion as specified in the Implementing Rules and Regulations (IRR) or Republic Act (RA) 9184, otherwise known as the “Government Procurement Reform Act”.

Bidding is restricted to Filipino citizen/sole proprietorships, partnerships, or organizations with at least sixty percent (60%) interest or outstanding capital stock belonging to citizens of the Philippines, and to citizens or organizations of a country the laws or regulation of which grant similar rights or privileges to Filipino citizens, pursuant to RA 5183 and subject to Commonwealth Act 138.

4. Interested bidders may obtain further information from University of the Philippines-Manila website and inspect the Bidding Documents (<https://bidsandawards.upm.edu.ph>)

5. A complete set of Bidding Documents is downloadable from the PhilGEPS and University of the Philippines Manila website or secured from the **Procurement Management Office at 2<sup>nd</sup> Floor Joaquin Gonzales Hall, Old NEDA Compound, University of the Philippines Manila, Padre Faura St. Taft Avenue Ermita Manila,** starting **30 November 2023** from 8:00AM – 3:00PM and upon payment of a nonrefundable fee for the Bidding Documents in the amount of **Forty-Nine Thousand Pesos & 0/100 (Php 49,000.00)**.
6. Pre-Bid Conference will be conducted on **06 December 2023, 01:30PM** via zoom. Interested Bidder should send to the BAC3 Secretariat the name and email address of authorized representative who should be given access to join.
7. Bids must be delivered to the address below on or before **18 December 2023, 11:30a.m.** All Bids must be accompanied by a bid security in any of the acceptable forms and in the amount stated in the **ITB** Clause 18. Late bids will not be accepted/opened.

**UP Manila Procurement Management Office**  
**University of the Philippines Manila**  
**2<sup>nd</sup> Floor UP Manila Main Building, Joaquin Gonzales Compound**  
**Padre Faura St., Ermita Manila**

Bid opening shall immediately follow at 1:30 pm, Monday, **18 December 2023**. Bids will be opened Via zoom in the presence of the Bidders' representatives who choose to witness /join the opening. Names and email addresses of authorized representative/s to witness the opening should be sent to the BAC3 Secretariat through its official email address.

8. The University of the Philippines-Manila reserves the right to accept or reject any bid, to annul the bidding process, and to reject all bids at any time prior to contract award, without thereby incurring any liability to the affected bidder or bidders.
9. For further information, please refer to:

*Ms. Magnolia Trinidad S. Santiago (Tel No. 88141-240)*  
*Mr. Marion L. Valeriano (Tel No. 88141-224) BAC3*  
*Mr. Patrick Liam Ozaeta (Tel No. 88141-224) BAC3*  
*BAC3 Secretariat, Procurement Management Office*  
*2<sup>nd</sup> Floor Joaquin Gonzales Compound, Padre Faura St. Ermita, Manila*  
*(upm-bac3-secretariat@up.edu.ph)*

**PROF. IMELDA G. PEÑA**  
Chair

NOTED:

**JOHANNA PATRICIA A. CAÑAL, MD, MHA, MSC**  
Vice Chancellor for Administration and Finance

Posted at PhilGEPS, UP Manila Website and  
BAC3 Bulletin Board on 30 November 2023

## ***Section II. Instructions to Bidders***

### **1. Scope of Bids**

The Procuring Entity, *University of the Philippines Manila* wishes to receive Bids for the **Supply of Laboratory Equipment for the Project: Establishment & Operations of the UP College of Medicine Simulation Center (FLR 2022), College of Medicine, University of the Philippines Manila under Purchase Request No 23730.**

Details of the project requirements are described in Section VII (Technical Specifications) and Bid Price/Bill of Quantities (pp. 33 of this PBD).

### **2. Funding Information**

2.1 The GOP through the source of funding as indicated below for 2023 in the amount of **Forty-Eight Million, Four Hundred Sixty-Seven Thousand Five Hundred Pesos & 00/100 (PhP 48,467,500.00).**

2.2 The source Fund FY 2022 FLR

### **3. Bidding Requirements**

The Bidding for the Project shall be governed by all the provisions of RA No. 9184 and its 2016 revised IRR, including its Generic Procurement Manuals and associated policies, rules and regulations as the primary source thereof, while the herein clauses shall serve as the secondary source thereof.

Any amendments made to the IRR and other GPPB issuances shall be applicable only to the ongoing posting, advertisement, or **IB** by the BAC through the issuance of a supplemental or bid bulletin.

The Bidder, by the act of submitting its Bid, shall be deemed to have verified and accepted the general requirements of this Project, including other factors that may affect the cost, duration and execution or implementation of the contract, project, or work and examine all instructions, forms, terms, and project requirements in the Bidding Documents.

### **4. Corrupt, Fraudulent, Collusive, and Coercive Practices**

The Procuring Entity, as well as the Bidders and Suppliers, shall observe the highest standard of ethics during the procurement and execution of the contract. They or through an agent shall not engage in corrupt, fraudulent, collusive, coercive, and obstructive practices defined under Annex "I" of the 2016 revised IRR of RA No. 9184 or other integrity violations in competing for the Project.



## **5. Eligible Bidders**

- 5.1. Only Bids of Bidders found to be legally, technically, and financially capable will be evaluated.
- 5.2. Foreign ownership limited to those allowed under the rules may participate in this Project.
- 5.3. Pursuant to Section 23.4.1.3 of the 2016 revised IRR of RA No.9184, the Bidder shall have an SLCC that is at least one (1) contract similar to the Project the value of which, adjusted to current prices using the PSA's CPI, must be at least equivalent to:
  - a. For the procurement of expendable Supplies and Services: The Bidder must have completed a single contract that is similar to this Project, equivalent to at least twenty-five percent (25%) of the ABC.
  - b. For the procurement of non-expendable supplies, the bidder must have completed a single contract that is similar to this Project, equivalent to at least fifty per cent (50%) of the ABC.
- 5.4. The Bidders shall comply with the eligibility criteria under Section 23.4.1 of the 2016 IRR of RA No. 9184.

## **6. Origin of Goods**

There is no restriction on the origin of goods other than those prohibited by a decision of the UN Security Council taken under Chapter VII of the Charter of the UN, subject to Domestic Preference requirements under **ITB** Clause 18.

## **7. Subcontracts**

Subcontracting is not allowed.

## **8. Pre-Bid Conference**

The Procuring Entity will hold a pre-bid conference for this Project on the specified date and time via a zoom meeting as indicated in paragraph 6 of the **IB**.

## **9. Clarification and Amendment of Bidding Documents**

Prospective bidders may request for clarification on and/or interpretation of any part of the Bidding Documents. Such requests must be in writing and received by the Procuring Entity, either at its given address or through electronic mail indicated in the **IB**, at least ten (10) calendar days before the deadline set for the submission and receipt of Bids.

## **10. Documents comprising the Bid: Eligibility and Technical Components**

- 10.1 The first envelope shall contain the eligibility and technical documents of the Bids as specified in **Section VIII (Checklist of Technical and Financial Documents)**.
- 10.2 The Bidder's SLCC as indicated in **ITB** Clause 5.3 should have been completed within *[state relevant period as provided in paragraph 2 of the **IB**]* prior to the deadline for the submission and receipt of bids.
- 10.3 If the eligibility requirements or statements, the bids, and all other documents for submission to the BAC are in foreign language other than English, it must be accompanied by a translation in English, which shall be authenticated by the appropriate Philippine foreign service establishment, post, or the equivalent office having jurisdiction over the foreign bidder's affairs in the Philippines. Similar to the required authentication above, for Contracting Parties to the Apostille Convention, only the translated documents shall be authenticated through an apostille pursuant to GPPB Resolution No. 13-2019 dated 23 May 2019. The English translation shall govern, for purposes of interpretation of the bid.

## 11. Documents comprising the Bid: Financial Component

- 11.1 The second bid envelope shall contain the financial documents for the Bid as specified in **Section VIII (Checklist of Technical and Financial Documents)**.
- 11.2 If the Bidder claims preference as a Domestic Bidder or Domestic Entity, a certification issued by DTI shall be provided by the Bidder in accordance with Section 43.1.3 of the 2016 revised IRR of RA No. 9184.
- 11.3 Any bid exceeding the ABC indicated in paragraph 1 of the **IB** shall not be accepted.

## 12. Bid Prices

- 12.1. Prices indicated on the Price Schedule shall be entered separately in the following manner:
  - a. For Goods offered from within the Procuring Entity's country:
    - i. The price of the Goods quoted EXW (ex-works, ex-factory, ex-warehouse, ex-showroom, or off-the-shelf, as applicable);
    - ii. The cost of all customs duties and sales and other taxes already paid or payable;
    - iii. The cost of transportation, insurance, and other costs incidental to delivery of the Goods to their final destination; and
    - iv. The price of other (incidental) services, if any, listed in e.
  - b. For Goods offered from abroad:

- i. Unless otherwise stated in the **BDS**, the price of the Goods shall be quoted delivered duty paid (DDP) with the place of destination in the Philippines as specified in the **BDS**. In quoting the price, the Bidder shall be free to use transportation through carriers registered in any eligible country. Similarly, the Bidder may obtain insurance services from any eligible source country.
- ii. The price of other (incidental) services, if any, as listed in **Section VII (Technical Specifications)**.

### 13. **Bid and Payment Currencies**

13.1 For Goods that the Bidder will supply from outside the Philippines, the bid prices may be quoted in the local currency or tradeable currency accepted by the BSP at the discretion of the Bidder. However, for purposes of bid evaluation, Bids denominated in foreign currencies, shall be converted to Philippine currency based on the exchange rate as published in the BSP reference rate bulletin on the day of the bid opening.

13.2 Payment of the contract price shall be made in Philippine pesos. In case of foreign supplier, payment maybe made in the supplier's currency using the conversion rate of BSP on the date of bid opening.

### 14. **Bid Security**

14.1 The Bidder shall submit a Bid Securing Declaration<sup>1</sup> or any form of Bid Security in the amount indicated in the **BDS**, which shall be not less than the percentage of the ABC in accordance with the schedule in the **BDS**.

14.2 The Bid and bid security shall be valid until *one hundred twenty calendar days after the date of bid opening*. Any Bid not accompanied by an acceptable bid security shall be rejected by the Procuring Entity as non-responsive.

### 15. **Sealing and Marking of Bids**

Each Bidder shall submit three (3) copies of the first and second components of its Bid.

### 16. **Deadline for Submission of Bids**

The Bidders shall submit on the specified date and time and at its physical address as indicated in paragraph 7 of the **IB**.

### 17. **Opening and Preliminary Examination of Bids**

<sup>1</sup> In the case of Framework Agreement, the undertaking shall refer to entering into contract with the Procuring Entity and furnishing of the performance security or the performance securing declaration within ten (10) calendar days from receipt of Notice to Execute Framework Agreement.

17.1 The BAC shall open the Bids in public at the time, on the date, and at the place specified in paragraph 9 of the **IB**. The Bidders' representatives who are present shall sign a register evidencing their attendance. In case videoconferencing, webcasting or other similar technologies will be used, attendance of participants shall likewise be recorded by the BAC Secretariat.

In case the Bids cannot be opened as scheduled due to justifiable reasons, the rescheduling requirements under Section 29 of the 2016 revised IRR of RA No. 9184 shall prevail.

17.2 The preliminary examination of bids shall be governed by Section 30 of the 2016 revised IRR of RA No. 9184.

## 18. **Domestic Preference**

The Procuring Entity will grant a margin of preference for the purpose of comparison of Bids in accordance with Section 43.1.2 of the 2016 revised IRR of RA No. 9184.

## 19. **Detailed Evaluation and Comparison of Bids**

19.1 The Procuring BAC shall immediately conduct a detailed evaluation of all Bids rated "*passed*," using non-discretionary pass/fail criteria. The BAC shall consider the conditions in the evaluation of Bids under Section 32.2 of the 2016 revised IRR of RA No. 9184.

19.2 If the Project allows partial bids, bidders may submit a proposal on any of the lots or items, and evaluation will be undertaken on a per lot or item basis, as the case may be. In this case, the Bid Security as required by **ITB** Clause 15 shall be submitted for each lot or item separately.

19.3 The descriptions of the lots or items shall be indicated in **Section VII (Technical Specifications)**, although the ABCs of these lots or items are indicated in the **BDS** for purposes of the NFCC computation pursuant to Section 23.4.2.6 of the 2016 revised IRR of RA No. 9184. The NFCC must be sufficient for the total of the ABCs for all the lots or items participated in by the prospective Bidder.

19.4 Except for bidders submitting a committed Line of Credit from a Universal or Commercial Bank in lieu of its NFCC computation, all Bids must include the NFCC computation pursuant to Section 23.4.1.4 of the 2016 revised IRR of RA No. 9184, which must be sufficient for the total of the ABCs for all the lots or items participated in by the prospective Bidder. For bidders submitting the committed Line of Credit, it must be at least equal to ten percent (10%) of the ABCs for all the lots or items participated in by the prospective Bidder.

## 20. **Post-Qualification**

Within a non-extendible period of five (5) calendar days from receipt by the Bidder of the notice from the BAC that it submitted the Lowest Calculated Bid,

the Bidder shall submit its latest income and business tax returns filed and paid through the BIR Electronic Filing and Payment System (eFPS) and other appropriate licenses and permits required by law and stated in the **BDS**.

21. **Signing of the Contract**

The documents required in Section 37.2 of the 2016 revised IRR of RA No. 9184 shall form part of the Contract. Additional Contract documents are indicated in the **BDS**.

# Bid Data Sheet

ITB Clause	
5.3	For this purpose, contracts similar to the Project shall be: <ol style="list-style-type: none"> <li>a. <i>Supply of <b>Laboratory Supplies and Equipment</b>.</i></li> <li>b. Completed within two (2) years prior to the deadline for the submission and receipt of bids.</li> </ol>
7.1	<i>Not applicable</i>
12	The price of the Goods shall be quoted in Philippine peso. <i>In case that bid price is in dollar, conversion rate as announced by the Bangko Sentral ng Pilipinas on the date of opening of bids will be used.</i>
14.1	The bid security shall be in the form of a Bid Securing Declaration, or any of the following forms and amounts: <ol style="list-style-type: none"> <li>a. The amount of not less than Php 969,350.00, if bid security is in cash, cashier's/manager's check, bank draft/guarantee or irrevocable letter of credit; or</li> <li>b. The amount of not less than Php 2,423,375.00 if bid security is in Surety Bond.</li> </ol>
19.3	<i>Not applicable</i>
20.2	<i>[List here any licenses and permits relevant to the Project and the corresponding law requiring it.] - No other requirement in addition to the legal documents.</i>
21.2	<i>[List here any additional contract documents relevant to the Project that may be required by existing laws and/or the Procuring Entity.] - None</i>

## ***Section IV. General Conditions of Contract***

### **1. Scope of Contract**

This Contract shall include all such items, although not specifically mentioned, that can be reasonably inferred as being required for its completion as if such items were expressly mentioned herein. All the provisions of RA No. 9184 and its 2016 revised IRR, including the Generic Procurement Manual, and associated issuances, constitute the primary source for the terms and conditions of the Contract, and thus, applicable in contract implementation. Herein clauses shall serve as the secondary source for the terms and conditions of the Contract.

This is without prejudice to Sections 74.1 and 74.2 of the 2016 revised IRR of RA No. 9184 allowing the GPPB to amend the IRR, which shall be applied to all procurement activities, the advertisement, posting, or invitation of which were issued after the effectivity of the said amendment.

Additional requirements for the completion of this Contract shall be provided in the **Special Conditions of Contract (SCC)**.

### **2. Advance Payment and Terms of Payment**

- 2.1. Advance payment of the contract amount is provided under Annex “D” of the revised 2016 IRR of RA No. 9184.
- 2.2. The Procuring Entity is allowed to determine the terms of payment on the partial or staggered delivery of the Goods procured, provided such partial payment shall correspond to the value of the goods delivered and accepted in accordance with prevailing accounting and auditing rules and regulations. The terms of payment are indicated in the **SCC**.

### **3. Performance Security**

Within ten (10) calendar days from receipt of the Notice of Award by the Bidder from the Procuring Entity but in no case later than prior to the signing of the Contract by both parties, the successful Bidder shall furnish the performance security in any of the forms prescribed in Section 39 of the 2016 revised IRR of RA No. 9184.

### **4. Inspection and Tests**

The Procuring Entity or its representative shall have the right to inspect and/or to test the Goods to confirm their conformity to the Project specifications at no extra cost to the Procuring Entity in accordance with the Generic Procurement Manual. In addition to tests in the **SCC, Section IV (Technical Specifications)** shall specify what inspections and/or tests the Procuring Entity requires, and where they are to be conducted. The Procuring Entity shall notify the Supplier in writing, in a timely manner, of the identity of any representatives retained for these purposes.

All reasonable facilities and assistance for the inspection and testing of Goods, including access to drawings and production data, shall be provided by the Supplier to the authorized inspectors at no charge to the Procuring Entity.

## **5. Warranty**

5.1 In order to assure that manufacturing defects shall be corrected by the Supplier, a warranty shall be required from the Supplier as provided under Section 62.1 of the 2016 revised IRR of RA No. 9184.

5.2 The Procuring Entity shall promptly notify the Supplier in writing of any claims arising under this warranty. Upon receipt of such notice, the Supplier shall, repair or replace the defective Goods or parts thereof without cost to the Procuring Entity, pursuant to the Generic Procurement Manual.

## **6. Liability of the Supplier**

The Supplier's liability under this Contract shall be as provided by the laws of the Republic of the Philippines.

If the Supplier is a joint venture, all partners to the joint venture shall be jointly and severally liable to the Procuring Entity.



## Special Conditions of Contract

GCC Clause	
1	<p><i>[List here any additional requirements for the completion of this Contract. The following requirements and the corresponding provisions may be deleted, amended, or retained depending on its applicability to this Contract:]</i></p> <p><b>Delivery and Documents –</b></p> <p>For purposes of the Contract, “EXW,” “FOB,” “FCA,” “CIF,” “CIP,” “DDP” and other trade terms used to describe the obligations of the parties shall have the meanings assigned to them by the current edition of INCOTERMS published by the International Chamber of Commerce, Paris. The Delivery terms of this Contract shall be as follows:</p> <p><i>[For Goods supplied from abroad, state:]</i> “The delivery terms applicable to the Contract are DDP delivered <i>[indicate place of destination]</i>. In accordance with INCOTERMS.”</p> <p><i>[For Goods supplied from within the Philippines, state:]</i> “The delivery terms applicable to this Contract are delivered <i>[indicate place of destination]</i>. Risk and title will pass from the Supplier to the Procuring Entity upon receipt and final acceptance of the Goods at their final destination.”</p> <p>Delivery of the Goods shall be made by the Supplier in accordance with the terms specified in Section VI (Schedule of Requirements).</p> <p>For purposes of this Clause the Procuring Entity’s Representative at the Project Site is <i>[indicate name(s)]</i>.</p> <p><b>Incidental Services –</b></p> <p>The Supplier is required to provide all of the following services, including additional services, if any, specified in Section VI. Schedule of Requirements: <i>Select appropriate requirements and delete the rest.</i></p> <ol style="list-style-type: none"> <li>a. performance or supervision of on-site assembly and/or start-up of the supplied Goods;</li> <li>b. furnishing of tools required for assembly and/or maintenance of the supplied Goods;</li> <li>c. furnishing of a detailed operations and maintenance manual for each appropriate unit of the supplied Goods;</li> <li>d. performance or supervision or maintenance and/or repair of the supplied Goods, for a period of time agreed by the parties, provided that this service shall not relieve the Supplier of any warranty obligations under this Contract; and</li> </ol>

e. training of the Procuring Entity's personnel, at the Supplier's plant and/or on-site, in assembly, start-up, operation, maintenance, and/or repair of the supplied Goods.

f. *[Specify additional incidental service requirements, as needed.]*

The Contract price for the Goods shall include the prices charged by the Supplier for incidental services and shall not exceed the prevailing rates charged to other parties by the Supplier for similar services.

**Spare Parts –**

The Supplier is required to provide all of the following materials, notifications, and information pertaining to spare parts manufactured or distributed by the Supplier:

*Select appropriate requirements and delete the rest. (delete)*

- a. such spare parts as the Procuring Entity may elect to purchase from the Supplier, provided that this election shall not relieve the Supplier of any warranty obligations under this Contract; and
- b. in the event of termination of production of the spare parts:
  - i. advance notification to the Procuring Entity of the pending termination, in sufficient time to permit the Procuring Entity to procure needed requirements; and
  - ii. following such termination, furnishing at no cost to the Procuring Entity, the blueprints, drawings, and specifications of the spare parts, if requested.

The spare parts and other components required are listed in **Section VI (Schedule of Requirements)** and the cost thereof are included in the contract price.

The Supplier shall carry sufficient inventories to assure ex-stock supply of consumable spare parts or components for the Goods for a period of *[indicate here the time period specified. If not used indicate a time period of three times the warranty period]*.

Spare parts or components shall be supplied as promptly as possible, but in any case, within *[insert appropriate time period]* months of placing the order.

	<p><b>Packaging –</b></p> <p>The Supplier shall provide such packaging of the Goods as is required to prevent their damage or deterioration during transit to their final destination, as indicated in this Contract. The packaging shall be sufficient to withstand, without limitation, rough handling during transit and exposure to extreme temperatures, salt and precipitation during transit, and open storage. Packaging case size and weights shall take into consideration, where appropriate, the remoteness of the Goods’ final destination and the absence of heavy handling facilities at all points in transit.</p> <p>The packaging, marking, and documentation within and outside the packages shall comply strictly with such special requirements as shall be expressly provided for in the Contract, including additional requirements, if any, specified below, and in any subsequent instructions ordered by the Procuring Entity.</p> <p>The outer packaging must be clearly marked on at least four (4) sides as follows:</p> <p>Name of the Procuring Entity  Name of the Supplier  Contract Description  Final Destination  Gross weight  Any special lifting instructions  Any special handling instructions  Any relevant HAZCHEM classifications</p>
	<p>A packaging list identifying the contents and quantities of the package is to be placed on an accessible point of the outer packaging if practical. If not practical the packaging list is to be placed inside the outer packaging but outside the secondary packaging.</p> <p><b>Transportation –</b></p> <p>Where the Supplier is required under Contract to deliver the Goods CIF, CIP, or DDP, transport of the Goods to the port of destination or such other named place of destination in the Philippines, as shall be specified in this Contract, shall be arranged and paid for by the Supplier, and the cost thereof shall be included in the Contract Price.</p> <p>Where the Supplier is required under this Contract to transport the Goods to a specified place of destination within the Philippines, defined as the Project Site, transport to such place of destination in the Philippines, including insurance and storage, as shall be specified in this Contract, shall be arranged by the Supplier, and related costs shall be included in the contract price.</p>

	<p>Where the Supplier is required under Contract to deliver the Goods CIF, CIP or DDP, Goods are to be transported on carriers of Philippine registry. In the event that no carrier of Philippine registry is available, Goods may be shipped by a carrier which is not of Philippine registry provided that the Supplier obtains and presents to the Procuring Entity certification to this effect from the nearest Philippine consulate to the port of dispatch. In the event that carriers of Philippine registry are available but their schedule delays the Supplier in its performance of this Contract the period from when the Goods were first ready for shipment and the actual date of shipment the period of delay will be considered force majeure.</p> <p>The Procuring Entity accepts no liability for the damage of Goods during transit other than those prescribed by INCOTERMS for DDP deliveries. In the case of Goods supplied from within the Philippines or supplied by domestic Suppliers risk and title will not be deemed to have passed to the Procuring Entity until their receipt and final acceptance at the final destination.</p> <p><b>Intellectual Property Rights –</b></p> <p>The Supplier shall indemnify the Procuring Entity against all third-party claims of infringement of patent, trademark, or industrial design rights arising from use of the Goods or any part thereof.</p>
2.2	<p><i>[If partial payment is allowed, state]</i> “The terms of payment shall be as follows: _____.”</p>
4	<p>The inspections and tests that will be conducted are: <i>[Indicate the applicable inspections and tests]</i></p>

## *Section VI. Schedule of Requirements*

The delivery schedule expressed as weeks/months stipulates hereafter a delivery date which is the date of delivery to the project site.

<b>Item Number</b>	<b>Description</b>	<b>Quantity</b>	<b>Total</b>	<b>Delivered, Weeks/Months</b>
<b>1.</b>	<b>Abdominal Examination Trainer</b>	<b>3 Units</b>		Thirty to Sixty (30-60) Calendar Days from the receipt of an approved Purchase Order and Notice to Proceed.
<b>2.</b>	<b>Adult Aneroid Sphygmomanometer with stand</b>	<b>6 Units</b>		
<b>3.</b>	<b>Adult maternal and birth simulator</b>	<b>1 Unit</b>		
<b>4.</b>	<b>Advanced Birthing Simulator</b>	<b>2 Units</b>		
<b>5.</b>	<b>Advanced Infant Simulator</b>	<b>1 Unit</b>		
<b>6.</b>	<b>Auscultation Training Simulator</b>	<b>2 Units</b>		
<b>7.</b>	<b>Breast Examination Trainer</b>	<b>6 Units</b>		
<b>8.</b>	<b>Cervical Dilatation and Effacement Module for manual birthing simulator</b>	<b>4 Units</b>		
<b>9.</b>	<b>Epidermis for Injection Simulator</b>	<b>5 Units</b>		

<b>10.</b>	<b>Epidural and Lumbar puncture model</b>	<b>1 Unit</b>		Thirty to Sixty (30-60) Calendar Days from the receipt of an approved Purchase Order and Notice to Proceed.
<b>11.</b>	<b>Female Catheterization Trainers</b>	<b>1 Unit</b>		
<b>12.</b>	<b>Fundoscopy Simulator and Ophthalmoscopy Trainer</b>	<b>2 Units</b>		
<b>13.</b>	<b>Hospital Screen</b>	<b>2 Units</b>		
<b>14.</b>	<b>Infant Warmer</b>	<b>2 Units</b>		
<b>15.</b>	<b>Laboratory-Grade Water Distiller</b>	<b>1 Unit</b>		
<b>16.</b>	<b>Laryngoscope (Conventional Adult)</b>	<b>5 Units</b>		
<b>17.</b>	<b>Male Catheterization Trainers</b>	<b>1 Unit</b>		
<b>18.</b>	<b>Manual Birthing Simulator</b>	<b>2 Units</b>		
<b>19.</b>	<b>Medical Utility Trolley</b>	<b>6 Units</b>		
<b>20.</b>	<b>Moulage Kit for Nursing Care</b>	<b>1 Unit</b>		

<b>21.</b>	<b>Otoscopy Training and Simulation System</b>	<b>2 Units</b>		<p>Thirty to Sixty (30-60) Calendar Days from the receipt of an approved Purchase Order and Notice to Proceed.</p>
<b>22.</b>	<b>Paracentesis Trainer</b>	<b>1 Unit</b>		
<b>23.</b>	<b>Pediatric Aneroid Sphygmomanometer</b>	<b>4 Units</b>		
<b>24.</b>	<b>Postpartum Hemorrhage Trainer Kit</b>	<b>1 Unit</b>		
<b>25.</b>	<b>Postpartum Hemorrhage Trainer Module</b>	<b>2 Units</b>		
<b>26.</b>	<b>Simulated Anesthesia Machine</b>	<b>1 Unit</b>		
<b>27.</b>	<b>Simulated Defibrillator</b>	<b>1 Unit</b>		
<b>28.</b>	<b>Simulated Defibrillator and Patient monitoring device</b>	<b>1 Unit</b>		
<b>29.</b>	<b>Simulated Mechanical Ventilator</b>	<b>1 Unit</b>		
<b>30.</b>	<b>Stethoscope</b>	<b>6 Units</b>		
<b>31.</b>	<b>Subcutaneous, Intradermal, and Intramuscular Injection Trainer</b>	<b>5 Units</b>		

<b>32.</b>	<b>Suction Machine</b>	<b>4 Units</b>		<p>Thirty to Sixty (30-60) Calendar Days from the receipt of an approved Purchase Order and Notice to Proceed.</p>
<b>33.</b>	<b>Trauma Moulage Kit</b>	<b>2 Units</b>		
<b>34.</b>	<b>Tube Feeding, tracheostomy, care and suction simulator</b>	<b>1 Unit</b>		
<b>35.</b>	<b>Wheeled General Exam Light</b>	<b>2 Units</b>		
<b>36.</b>	<b>Wheeled Minor Procedure Light</b>	<b>2 Units</b>		
<b>37.</b>	<b>Wheeled Procedure Drop Light</b>	<b>2 Units</b>		



# Technical Specifications

Item	Specifications	Statement of Compliance
	<p><b>1. Adult maternal and birth simulator</b></p> <p><b>Specifications</b></p> <ol style="list-style-type: none"> <li>1. Wireless maternal manikin and birthing fetus</li> <li>2. Manikin size- mother : at least 69” H x 22” W x 15” D and at least 50 kg weight</li> <li>3. Birthing fetus - at least 19” H x 6” W x 4.5” D and at least 2.5 kg weight</li> <li>4. Fetus to support Leopold’s maneuvers</li> <li>5. 2 abdomens (1 for delivery, 1 for prepartum and postpartum)</li> <li>6. Postpartum uterus</li> <li>7. Static cervices for vaginal exams</li> <li>8. Partially inverted uterus</li> <li>9. Abdominal cover for all fours birthing position</li> <li>10. Instructor’s workstation with 2 device options</li> <li>11. Operating software</li> <li>12. Wireless emulated patient monitor</li> <li>13. At least 3 patient profiles</li> <li>14. At least 10 simulated clinical experiences               <ol style="list-style-type: none"> <li>a. Normal delivery</li> <li>b. Instrumental vaginal delivery</li> <li>c. Fetal tachycardia (due to maternal fever)</li> <li>d. Breech delivery</li> <li>e. Fetal central nervous system depression</li> <li>f. Postpartum hemorrhage due to uterine atony</li> <li>g. Maternal cardiorespiratory arrest</li> <li>h. Eclampsia</li> <li>i. Umbilical cord prolapse</li> <li>j. Shoulder dystocia</li> </ol> </li> <li>15. Female patient module with non gravid abdomen and at least 5 simulated clinical experiences               <ol style="list-style-type: none"> <li>a.chronic heart failure</li> <li>b.acute respiratory distress syndrome</li> <li>c.sepsis with hypotension</li> <li>d. brain attack with thrombolytic therapy</li> <li>e. trauma with hypovolemic shock</li> </ol> </li> <li>16. Electrical: Input - 100-240V, 50/60Hz, 2.3A</li> <li>17. Electrical: Internal Batteries - 14.4V, Lithium ion battery</li> <li>18. Internal Batteries: 14.4V,, lithium-ion, rechargeable</li> </ol> <p><b>Inclusions</b></p> <p>Control Computer:</p> <p>At least Intel i5</p> <p>At least 8GB RAM</p> <p>At least 128GB SSD</p> <p>At least 12.3 inch Display</p> <p>At least 10-point multi-touch screen</p> <p><b>Virtual Patient Monitor in AIO PC:</b></p> <p>At least Intel i3</p> <p>At least 4GB RAM</p> <p>At least 512GB SSD</p>	<p><i>[Bidders must state here either “Comply” or “Not Comply” against each of the individual parameters of each Specification stating the corresponding performance parameter of the equipment offered. Statements of “Comply” or “Not Comply” must be supported by evidence in a Bidders Bid and cross-referenced to that evidence. Evidence shall be in the form of manufacturer’s un-amended sales literature, unconditional statements of specification and compliance issued by the manufacturer, samples, independent test data etc., as appropriate. A statement that is not supported by evidence or is subsequently found to be contradicted by the evidence presented will render the Bid under evaluation liable for rejection. A statement either in the Bidder’s statement of compliance or the supporting evidence that is found to be false either during Bid evaluation, post-qualification or the execution of the Contract may be regarded as fraudulent and render the Bidder or supplier liable for prosecution subject to the applicable laws and issuances.]</i></p> <p><b>NOTE: THIS STATEMENT OF COMPLIANCE APPLIES TO ALL ITEMS LISTED IN THE SCHEDULE OF REQUIREMENTS FOR WHICH A PARTICULAR BIDDER SHALL SUBMIT BID OFFER.</b></p>

At least 23.8" FHD IPS Touchscreen  
At least GeForce video graphics card  
Wireless Keyboard and Mouse

**Key Features : Maternal**

**A. Obstetrical**

1. Integrated maternal-fetal physiological modeling
2. Realistic and consistent birth canal and vulva/ perineum support with accurate fetal descent and rotation
3. Multiple birthing positions: lithotomy, sitting and all fours
4. Rectal suppository administration

**B. Prepartum**

1. Vaginal examinations can be performed for evaluation of the cervix, fetal station, and position

Static cervixes represent various stages of dilation from closed to 5cm, and effacement from 0 to 90%

2. Leopold's Maneuvers can be performed
3. Epidural port with infusion and aspiration

**C. Intrapartum**

1. Realistic palpable uterine contractions
2. Controllable rate and duration of contractions
3. Trendelenburg position with detection
4. Left lateral tilt with detection
5. Vertex and breech delivery
6. McRoberts Maneuver with observable pelvic tilt
7. Suprapubic pressure support and detection with palpable symphysis pubis
8. Supports delivery of posterior arm during shoulder dystocia
9. Zavanelli maneuver with detection
10. Rotation of anterior and posterior shoulder is detected in resolving shoulder dystocia (Rubin and Woods' corkscrew Maneuvers)
11. Forceps application
12. Vacuum extraction without fetal cap
13. Episiotomy
14. Intact/fragmented placenta with realistic color, texture and flexibility

**D. Fetus**

1. Fetal heart sounds-5-locations based on fetal presentation
2. Articulated fetal body neck (with lateral neck movement), shoulders, elbows, hips, and knees
3. Clinically accurate fetal size with tactile realism
4. Fetal neck traction sensing
5. Palpable fontanel and sagittal suture
6. Fetal airway suctioning
7. Programmable audible cry upon delivery

Predicted 1-minute and 5-minute APGAR scores based on

8. venous and arterial blood gas values (not pre-programmed)
9. Umbilical cord that can be cut and clamped

**E. Postpartum**

1. Postpartum bleeding
2. Contracted and boggy uterus
3. Bimanual compression and uterine massage with detection and automatic response
4. Uterine blood released upon massage

5. Inverted postpartum uterus
6. Uterine reversion (optional uterine inversion module)
7. Intrauterine balloon insertion

### **Key General Features**

#### **A. Airway and Breathing**

1. Realistic upper airway
2. Advanced lungs with mechanical ventilation support and different ventilation modes
3. Airway management and ventilation
4. Supports endotracheal tubes, nasal-pharyngeal and oropharyngeal airways
5. Spontaneous breathing
6. Bag-valve-mask ventilation
7. Lung auscultation: anterior and posterior with individual lung control
8. Spontaneous chest excursion
9. Positive pressure ventilation

#### **B. Circulatory System**

1. ECG monitoring posts and interface with real ECG monitor
2. 12-lead dynamic ECG display
3. Dynamic bilateral pulses: carotid, radial, brachial, and dorsalis pedis; pulse strength can be controlled

#### **C. Cardiovascular**

1. Correct hand placement detection Advanced CPR analysis (compression depth and rate, chest recoil, compression fraction, ventilation volume and rate)
2. Pacing, cardioversion and defibrillation
4. Non Invasive Blood Pressure - both audible and palpable
5. Heart sounds

#### **D. Nervous System**

1. Arms and rapid blinking fraction to simulate a seizure
2. Eyes display patient symptoms and conditions, including jaundice, hemorrhage, keyhole pupil, cataracts and bloodshot or droopy eyes
3. Blinking, panning and reactive eyes with different settings
4. Speech: live and could be pre-recorded

#### **E. Fluids**

1. Postpartum bleeding tank
2. Bilateral IV arms
3. Urinary catheterization
4. Epidural infusion

#### **F. Sounds**

1. 2-way voice communication

Pre-recorded and user-recorded speech

## **2. Advanced Infant Simulator**

### **Standard Equipment**

- Wireless and tetherless infant manikin
- Software compatible tablet
- Licensed use with new software platform with physiology
- One wireless simulated stethoscope
- Includes five Simulated Clinical Experiences (SCEs)  
-- Infant Code

	<ul style="list-style-type: none"> <li>-- Neonatal Abstinence Syndrome</li> <li>-- Neonatal Resuscitation</li> <li>-- Pneumothorax</li> <li>-- Poor Perfusion</li> <li>● Electronic user guide</li> <li>● Patient monitor computer</li> </ul> <p>Simulated external defibrillation</p> <ul style="list-style-type: none"> <li>● box</li> </ul> <p>Articulation</p> <ul style="list-style-type: none"> <li>● Realistic joint articulation</li> <li>● Articulating neck, shoulders, elbows, hips and knees</li> <li>● Forearm pronation and supination</li> </ul> <p>Airway</p> <ul style="list-style-type: none"> <li>● Anatomically accurate oral cavity and realistic airway</li> <li>● Nasotracheal/orotracheal intubation (ET tube)</li> <li>● Head tilt, chin lift, jaw thrust</li> <li>● Supports esophageal intubation</li> <li>● LMA insertion</li> <li>● Oral and nasopharyngeal airway insertion</li> <li>● Bag-valve-mask ventilation support</li> <li>● Tracheostomy</li> <li>● Laryngospasms</li> <li>● Intubation depth detection and software event log</li> </ul> <p>Cardiac</p> <ul style="list-style-type: none"> <li>● Effective chest compressions generate palpable femoral pulses and ECG activity</li> <li>● Supports ECG monitoring using real devices</li> <li>● CPR Real-time quality feedback and reporting</li> <li>● Chest compression depth sensor</li> <li>● External simulated defibrillation box <ul style="list-style-type: none"> <li>-- Defibrillate using real devices and energy</li> <li>-- Cardiovert, and pace using real devices and energy</li> </ul> </li> <li>● Library of cardiac rhythms</li> </ul> <p>Circulation</p> <ul style="list-style-type: none"> <li>● Palpable pulses <ul style="list-style-type: none"> <li>-- Brachial (Live model)</li> <li>-- Brachial, femoral and umbilical</li> </ul> </li> <li>● Pulse palpation event detection and logging</li> <li>● Blood pressure dependent pulses</li> <li>● Variable pulse strength</li> <li>● Circumoral cyanosis</li> </ul> <p>Gastric and Urinary</p> <ul style="list-style-type: none"> <li>● Interchangeable female and male genitalia</li> <li>● Abdominal distention when incorrectly intubated</li> <li>● Urinary catheterization with urine output</li> <li>● Feeding tube placement (no fluids)</li> </ul> <p>Neurologic</p> <ul style="list-style-type: none"> <li>● Variable Tristate Eyes</li> <li>● Manually-manipulated fontanel (depressed, normal, and bulging)</li> <li>● Crying/Grunting</li> <li>● Active arm movement</li> </ul> <p>Respiratory</p> <ul style="list-style-type: none"> <li>● Unilateral chest rise with right mainstem intubation</li> </ul>	
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- Automatic detection and logging
- Visible chest rise during bag-valve-mask ventilation
- Spontaneous, continuous breathing
- Variable respiratory rates and inspiratory/expiratory ratios
- Programmable unilateral chest rise and fall
- Unilateral lung sounds synchronized with respiratory rate
- Substernal retractions
- Mechanical ventilation support
  - A/C, SIMV, CPAP, PCV, PSV, NIPPV
  - Supports PEEP (up to 20 cmH2O)
- Ventilation measurement
- Chest tube placement
- Mid-clavicular needle decompression

#### Sounds

- Auscultation of normal and abnormal heart, lung and bowel sounds

#### Vascular Access

- Bilateral anterolateral thigh intramuscular and subcutaneous injection sites
- IV cannulation: bolus, infusion, and sampling
- IV Sites: Upper Arm, Scalp and Foot
- Peripheral arterial catheter placement
- Subclavian catheter placement
- Umbilical catheterization: continuous infusion and sampling

#### IO tibial access

### 3. Manual birthing simulator

#### Specifications:

##### OVERVIEW

- Light Skin Tone
- Can be used with the following modules:
  - Postpartum Hemorrhage (PPH)
  - Enhanced C-Section
  - Cervical Dilatation & Effacement (CD&E)
  - Cervical Cerclage
  - Lower Legs
  - Maternal Hemorrhage Simulator
- Baby has improved shoulder and hip joints
- With included wheeled carry case for safe storage and transportation

##### REALISM

- Realistic pelvic floor
- Suitable for use with a Simulated Patient
- Improved Baby model with bend at the thoraco-lumbar region

##### VERSATILITY

##### Birthing Mother:

- Articulated thighs help to demonstrate Gaskin and McRobert's procedures

With handle on the base of the mannikin for operator use during

- labor simulation
- Strap fastenings to secure birthing simulator to a bed or bench

during training

- Can be used with additional modules to extend training simulations

Baby:

- Baby has a bend at the thoraco-lumbar region
- Improved articulation of the joints offers enhanced realism for difficult birthing scenarios, such as shoulder dystocia

CLEANING

- Clean lubricant from all of the mother and baby surfaces with a warm damp cloth
- Allow components to dry thoroughly before storing away

SIMULATED PATIENT

The birthing trainer and modules can be used with a simulated patient to allow development of communication skill.

ANATOMY

Anatomy of the model birthing mother:

- Articulated thighs
- Perineum, birthing canal, and cervix
- Pubic bone and gynaecoid pelvis

Anatomy of the model Baby:

- Clavicles
- Suture lines and fontanelles
- Umbilical cord and placenta

SKILLS GAINED

- Training and practice in the following types of birth: Normal, Vaginal breech, Shoulder dystocia, Vaginal assisted (forceps and vacuum devices), Third stage of labor
- Cord prolapse
- Urinary catheter placement
- IM injection

Communication and teamwork

- skills

CONTAINS

- Birthing Mother Model
- Baby Model
- Placenta
- Abdomen
- Perineum & Birth Canal
- Wheeled Carry Case

Birthing Lubricant (500ml)

#### **4. Advanced birthing simulator**

An anatomically correct birthing simulator allowing for multiple training scenarios.

With a Bluetooth enabled baby that works in conjunction with the

## Birthing Simulator Software.

The software should allow for the running of scenarios with the ability to record actions and interventions made and time to deliver the baby.

### OVERVIEW

- Light Skin Tone
- Bluetooth enabled baby for force monitoring during shoulder dystocia drills
- Free, downloadable Birthing Simulator software allows trainees' actions and interventions to be recorded during drills, with time to deliver baby
- PDFs of trainee drills can be saved and printed for debriefing
- Software compatible with Windows, PC, iOS and Android devices
- Software scenarios can be modified or created from scratch to fit with your own language and procedures

### REALISM

- Suitable for use with Simulated/Standardized Patient Realistic pelvic floor

Articulating thighs for McRobert's

- procedure
- Stretchable perineum Soft, flexible birthing canal

### CLEANING

Skin washable with soap and water

### SAFETY

Latex free

### SIMULATED PATIENT

Multiple scenarios that can include patient simulation training

### ANATOMY

Birth canal and cervix

Ischial spines and pubic bone

Gynaecoid pelvis

Articulating thighs

Fully articulated baby with clavicles, fontanelles, flexible head, detachable umbilical cord and placenta

### SKILLS GAINED

- Training and practice in the following types of birth:
  - Normal
  - Vaginal breech
  - Shoulder dystocia with force feedback in this particular model
  - Vaginal assisted (forceps and vacuum devices)
  - Third stage of labor
- Cord prolapse
- Urinary catheter placement
- IM injection
- Communication and teamwork skills

### CONTAINS

- Birthing Mother Model

- Wireless Force monitoring Baby (bluetooth)
- Placenta
- Abdomen
- Perineum & Birth Canal
- Wheeled Carry Case
- Birthing Lubricant (500ml)

Birthing simulation software downloadable

## **5. Cervical Dilatation and Effacement Module for manual birthing simulator**

### **Specifications:**

#### **OVERVIEW**

- Light skin tone
- Trainees are able to practise the skills required to assess both normal and complicated births
- Palpable ischial spines allowing for accurate assessment of station
- Model accommodates a variety of training methods

Model can be used in a variety of birthing scenarios to identify:

- Position/tilt of the cervix
- Consistency of the cervix
- Cervical effacement
- Cervical dilation – early/latent phase, active phase and transition phase
- Fetal station
- Normal and abnormal foetal presentation
- Moulding of the skull bones
- Caput formation
- Presence of membrane and amniotic fluid

#### **REALISM**

- Rupturable membrane, with fluid, on flexed or deflexed head
- Dynamic Rig allows adjustment of dilation enabling scenario based, and communication skills, training
- Realistic representation of cervixes, including anterior lip
- Model with light skin tone

#### **ANATOMY**

Cervixes:

- 0cm dilation, unripe/firm, no effacement
- 1cm dilation, unripe, 40% effacement
- 2cm dilation, medium ripeness/firmness, 50% effacement
- 3cm dilation, ripe/soft, 65% effacement

4cm dilation, ripe/soft, 70%

- effacement
- 4cm dilation, ripe/soft, 100% effacement
- Anterior lip, approximately 10cm dilation
- Dynamic cervix for use with dynamic rig, allows for cervical dilation from 4cm to 10cm, ripe/soft, 100% effacement

Presenting parts:

- Flexed head



- Deflexed head
- Face presentation
- Brow presentation
- Breech presentation

**Moulding and caput formation:**

- Flexed or deflexed head
- Parietal bones, one fixed and two moveable to simulate variation of moulding
- 3 sizes of caput

**VERSATILITY**

- Offers a large variety of presentations, including: stations, relative positions, and degrees of rotation
- Easy removal and replacement of presenting parts and cervices when using the Static Rig
- Presenting parts and cervix can be set up externally to the model for demonstration

**SAFETY**

- latex free

**SIMULATED PATIENT**

The model is suitable for use with a simulated patient

**SKILLS GAINED**

Vaginal examination to assess:

- Position of the cervix
- Foetal presenting part
- Moulding and caput formation
- Presence/absence of membrane
- Calculation of Bishop's Score (also known as Pelvic Score):
  - 5 measurements of the pelvic examination:
    - Centimetres dilated
    - Effacement
    - Foetal station
    - Consistency
    - Position
  - Other score modifiers:
    - Pre-eclampsia
    - Each previous vaginal delivery
    - Postdate pregnancy
    - Nulliparity
    - Premature preterm rupture of membranes

**CONTAINS**

- Perineum
- Pelvic Ring
- Latent Labor Cervixes
- Dynamic Cervix
- Various presenting Parts
- Difficult Labor Heads
- Amniotic Membrane Set

Various Caputs

## 6. Postpartum Hemorrhage Trainer Module

Used in conjunction with manual birthing simulator (not included)

### Postpartum Hemorrhage Module features:

- **Boggy uterus** - Contracts when effective fundal massage is applied and provides haptic feedback to users of the success or failure of intervention.
- **Realistic Blood loss** - Capable of demonstrating up to 2.5 litres of blood loss but is adjustable to the desired level of hemorrhaging.

**Hemostatic Balloon insertion and management** – Trainees are able to use a Bakri balloon which can be inserted and inflated to reduce/stop the hemorrhaging and allows a trainee to become familiar

- with clinical equipment
- **Bi-manual compression** – The ability to physically contract the uterus by hand via internal compressions of the uterine wall.
- **Intramuscular Injections** can be performed on this module

### Includes:

- Concentrated Venous Blood - Starter Pack
- Manual birthing simulator PPH Blood Container
- Manual birthing simulator PPH Uterus Assembly

## 7. Postpartum Hemorrhage Trainer Kit

Used in conjunction with manual birthing simulator (not included)

### OVERVIEW

- Blood loss of up to 2 liters can be simulated
- Air bulbs are used to simulate blood flow and control atonic state of uterus
- Multiple uses when conducting the compression suture
- Model compatible with light skin tone manual birthing task trainer / simulator

### SKILLS GAINED

- Management of postpartum bleeding:
  - Fundal massage
  - Bi-manual compression
  - Haemostatic balloon insertion and management
- Estimating blood loss
- All common types of compression suture (including B-Lynch, Hayman and Pereira)
- Dissection of broad ligament
- Ligation of uterine arteries
- Professional-to-patient communication skills

### Includes:

- Postpartum Hemorrhage Module - Manual Birthing task trainer (Light Skin Tone)
- Compression Suture Uterus Module - Manual Birthing task

- Pre-incised Delivery Skin for CSM - Manual Birthing task trainer

## 8. Breast examination trainer

### Specifications:

Breast examination trainer which offers hybrid training with bench top and simulated patient learning.

### OVERVIEW

- Pathologies are easily changeable and can be placed in various predetermined locations
- Offers dual purpose training, bench top (with the use of the hard torso) and hybrid

### REALISM

- Soft tissue breasts offer a realistic look and feel
- Clavicular and axilla pads give a more accurate lymph node placement
- Model with light skin tone

### VERSATILITY

- Range of pathologies can be moved within the breast model for a variety of diagnostic scenarios
- Ergonomic design for Simulated Patient exercises, including prolonged use in OSCEs and assessments
- Adjustable straps to fit a wide range of simulated patients

### CLEANING

Product skin surface is washable

- using a mild soap and water

### SAFETY

- This product is latex free

### SIMULATED PATIENT

Wearable breasts component can be used with a simulated patient, strap fastenings and lymph node pads are adjustable to the wearer

### ANATOMY

- Realistic soft tissue for palpation of the breast
- Supplied with a variety of pathologies:
  - Carcinomas (2cm, 3cm and 5cm in size)
  - Cyst
  - Fibrocystic disease
  - Fibroadenoma
- Supra- and infra-clavicular, and axillary pads for lymph node placement

### SKILLS GAINED

- Clinical Breast Examination (CBE)
- Self Breast Examination

- Identification of anatomical landmarks
- Location and diagnosis of pathologies
- Identification of lymph nodes (axillary, supra- and infra-clavicular)
- Professional to patient communication with Simulated Patient set-up

**CONTAINS**

- Wearable Examination Breasts
- Lymph Node Pads + Lymph Nodes
- Pathologies
- Breast Examination Inserts
- Breast Pathologies Supports
- Breast Back Plates

Breast Examination Torso

## **9. Subcutaneous, intradermal, and intramuscular Injection Trainer**

**Specifications**

**OVERVIEW**

- Soft tissue injection pad with multiple tissue layers representing the epidermis, dermis, fat, and muscle layer for practicing various injection techniques.
- Epidermis layer peels back to quickly release subcuticular liquid.

**REALISM**

Tissues are soft and warm to the touch

**VERSATILITY**

Strap for hybrid simulation

**CLEANING**

Durable replaceable epidermis

**SAFETY**

Latex free

**ANATOMY**

Epidermis, dermis, fat and muscle

**SKILLS GAINED**

- Subcutaneous injection
- Intradermal and intramuscular injection
- Management of tissue
- Professional-to-patient communication

**CONTAINS**

- Skin Pad & Muscle Block for Injection Trainer
- Epidermis for Injection Trainer (x2)
- Strap-on base plate

Soft tissue tray with liner

## **10. Epidermis for Injection Trainer**

### **OVERVIEW**

- Replacement epidermis for injection trainer
- Epidermis layer peels back to quickly release subcuticular liquid
- Pack of 2

### **REALISM**

Tissue is soft to the touch  
Realistic elasticity of skin

### **VERSATILITY**

Durable material for repeated injections

### **CLEANING**

Can be cleaned by wiping with soap and water

### **SAFETY**

Latex free

### **SKILLS GAINED**

- Intradermal injection
- Management of tissue
- Professional-to-patient communication

## **11. Epidural and Lumbar puncture model**

### **OVERVIEW**

- Simulator gives a distinctive “pop” feeling when puncturing the dura during a lumbar puncture procedure
- Durable lumbar tissue insert and duras are longer lasting, increasing life span and keeping on going costs down

### **REALISM**

- Needle insertion possible between vertebrae
- Ability to feel when the dura is punctured during lumbar puncture
- Realistic rate of cerebrospinal fluid (CSF) can be simulated
- Fat pads can be inserted to vary the patient form

### **VERSATILITY**

- All epidural and lumbar puncture inserts are compatible with the common base

Skin and duras can be rotated to extend their life span and ensure

- cost effective training
- The stand provided allows for training in left lateral and sitting positions

### **CLEANING**

- Drain all fluid from the product when not in use
- Clean lumbar puncture trainer with a damp cloth, using warm water and mild detergent
- Allow trainer to completely dry before storing

## SAFETY

This product is latex free

## SIMULATED PATIENT

This product can be used with a simulated patient to develop communication skills

## ANATOMY

- Palpable sacrum
- Iliac crests
- Lumbar vertebrae between L2 and L5 with spinous processes
- Ligamentum flavum
- Interspinous Ligament

## SKILLS GAINED

- Identifying the iliac crests
- Administering of local anaesthetic injections
- Administering of therapeutic treatments, e.g. antibiotics or chemotherapy medication
- Performing diagnostic lumbar punctures
- Collection and measurement of cerebrospinal fluid
- Performing procedures in a sitting and left lateral position

Administration of an epidural

## CONTAINS

- Torso with Torso Skin
- Epidural & Lumbar Puncture Stand
- Water Reservoir
- Lumbar Puncture Insert - Bone

Lumbar Puncture Insert – Tissue

- (Pack of 2)
- Epidural Insert (Pack of 2)
- Advanced Epidural Insert (Pack of 2)
- Epidural & Lumbar Puncture Skin Pad (Light Skin tone)
- Epidural & Lumbar Puncture Fat Pad (Pack of 3)
- Epidural & Lumbar Puncture Standard Dura (Pack of 2)
- Epidural & Lumbar Puncture Advanced Dura (Pack of 4)
  
- Epidural & Lumbar Puncture Iliac Crest Insert
- Epidural & Lumbar Puncture Insert Cartridge
- Epidural & Lumbar Puncture Sacral Insert (Light Skin tone)

## **12. Tube Feeding, tracheostomy care and suction Simulator**

Simulator for tube feeding, PEG care, tracheostomy care, suction training, and PEG tube feeding

Dimensions:

- Adult upper torso : 7.8kg (310×700×238mm)
- Storage case : 7kg (380×820×270mm)
- Total : Approximately 15kg

Features:

- Realistic training with anatomically correct structures.
- Oral/Nasal feeding tube injection.
- Check tube placement by auscultation with stethoscope.
- Practicing with a real liquid food
- Easy to maintain ; Detachable stomach and trachea.
- Positioning with a stand by adjusting the angle. (0°, 21~45°, 90°)
- Checking tube placement through transparent

Window

- Training tube feeding, PEG care, Tracheostomy care, suction, gastrostomy tube care

### **13.Auscultation Training Simulator**

Highly effective tool for learning auscultation points and sounds with a rich library of sounds with amplified details for trainees to know what they are looking for when listening to heart, bowel or lung sounds.

- Library of over 70 sounds
  - 41 heart sounds
  - 18 lung sounds
  - 14 abdomen sounds
- All auscultation points light up
- Realistic skin (life-like feel)
- Anterior and posterior auscultation points
- 5 cardiac auscultation points
- 5 anterior lung auscultation points
- 6 posterior lung auscultation points
- 4 abdomen auscultation points
- Rotatable platform
- Intuitive software, sounds conform to American Thoracic Society guidelines
- Activate/deactivate auscultation points individually
- Adjust intensity of sounds
- Adjust HR & RR
- Displays soundwaves, ECG and RR graphs
- Use real stethoscopes
- Includes laptop computer

External Speakers included

### **14.Abdominal Examination Trainer**

Light skin toned

An anatomically accurate adult male torso. It can be used to teach and practice palpation of the abdomen, auscultation, and percussion elements of abdominal or gastrointestinal (GI) examination.

OVERVIEW

- Trainer or Simulated Patient can vary respiratory movement of

	<p>liver and spleen by the turn of a wheel</p> <ul style="list-style-type: none"> <li>● Integral amplifier and surface mounted MP3 player.</li> <li>● Allows training in auscultation of normal and high pitched or obstructed bowel sounds, renal and aortic bruits</li> <li>● Volume of bowel sounds can be adjusted, and the MP3 player allows you to add additional sounds</li> <li>● Distension set allows for realistic checking for ascites using percussion, shifting dullness or fluid thrill technique. As well as simulation of bowel obstruction on percussion and auscultation</li> <li>● Pulse bulb allows simulation of a normal and aneurysmal aortic pulse</li> </ul> <p><b>REALISM</b></p> <ul style="list-style-type: none"> <li>● Organs feel realistic on palpation and respond appropriately to percussion</li> <li>● Life like quality of abdominal skin allows stretching for gaseous distension and ascites simulation</li> <li>● Realistic ballottement of enlarged kidney</li> </ul> <p><b>VERSATILITY</b></p> <ul style="list-style-type: none"> <li>● Abdominal skin is simple to remove, allowing quick and easy changeover of organs</li> <li>● Suitable for both bench top use and hybrid use with a Simulated Patient</li> <li>● Model can be rolled onto its side for examination of ascites and shifting dullness</li> </ul> <p><b>CLEANING</b> Skin surface is easily washable using soap and water</p> <p><b>SAFETY</b></p> <ul style="list-style-type: none"> <li>● Product is Latex free</li> <li>● Weight of model is within male and female health and safety limits for lifting to chest height</li> </ul> <p><b>ANATOMY</b></p> <ul style="list-style-type: none"> <li>● Torso features include an abdomen, pelvis and lower part of the thorax</li> <li>● Bony landmarks include ribs, costal margin, xiphisternum, pubic crest and anterior superior iliac spine</li> <li>● 3 livers: slightly enlarged, enlarged with smooth edge and enlarged liver with irregular edge</li> <li>● Slightly enlarged and markedly enlarged spleens</li> <li>● 2 enlarged kidneys</li> <li>● Distended bladder</li> <li>● Normal and aneurysmal aortas</li> <li>● Set of 6 Abdominal Pathologies including 4 smooth masses and 2 irregular hard masses</li> <li>● Distension Set including ascites bag, gaseous distension bag, pump and foam insert</li> <li>● Simplified representation of lower thoracic and lumbar spine</li> </ul> <p><b>SKILLS GAINED</b></p> <ul style="list-style-type: none"> <li>● Familiarity with the abdominal regions and underlying anatomy</li> <li>● Practice in abdominal palpation, auscultation and percussion</li> <li>● Ability to recognize and differentiate a range of abnormal organs and pathologies</li> <li>● Identification of ascites, specifically shifting dullness and fluid thrill</li> <li>● Identification of gaseous distension and bowel obstruction</li> <li>● Ballottement of kidneys</li> </ul>	
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Professional-to-patient communication

## **15.Paracentesis Trainer**

Light Skin toned

Offers dual functionality for diagnostic and therapeutic procedures.

Palpation or ultrasound guided techniques can be used in the lower abdominal quadrants for the insertion of the needle and catheter while avoiding the liver, spleen and bowel.

Echolucent pads and Echogenic organs inside the trainer

### **OVERVIEW**

- Landmark or ultrasound techniques can be practiced (side by side)
- Internal echogenic anatomy to allow recognition of landmarks under ultrasound
- Two 3.5 liter chambers can be filled with water for drainage practice
- Cost effective consumable pads

### **ANATOMY**

- Torso featuring bony landmarks and umbilicus
- Internal anatomy includes:
  - Liver
  - Spleen
  - Bowel
  - Floating Bowel

### **SKILLS GAINED**

- Familiarity with the abdominal regions and underlying anatomy
- Palpation of anatomical landmarks
- Identification of excess fluid
- Using ultrasound guidance, trainees can visualize the insertion site and check for vital organs beneath
- Insertion of needle into the peritoneal cavity for therapeutic or diagnostic purposes Professional-to-patient communication

## **16. Otoscopy Training and Simulation System**

- Monitor student progress through the instrumented otoscope
- Expand student knowledge – system includes access to 380 high-resolution images
- Up to 14 training units can connect to a single trainer laptop to effectively instruct groups simultaneously
- Supplement classroom instruction with 150 pre-annotated images accessible to students for self-directed learning Improve viewer retention
- Features immersive full-screen experience with easy-to-use graphical interface
- Enhance student proficiency – includes series of advanced quizzes featuring randomized, realistic clinical scenarios that

test both medical and patient interaction skills

Features:

- Detailed text description
- Basic imagery library – 200 images
- Updated image library – 380 images
- Annotated anatomical landmarks – 150 images
- Instrumented otoscope to track movement
- Realistic image projection
- Full-screen viewing
- Live landmark annotation
- Advanced quizzes with clinical scenarios
- Anatomy quizzes
- Instrument use tests
- Feature identification modules
- Search function

Multiplexing to up to 14 local units at once

SOFTWARE CONTENT:

- Instrument Use
- Feature Identification
- Pathology External Auditory Canal - Acute
- Otitis Externa, Cerumen, Foreign Bodies, and more
- Middle Ear - Normal Tympanic
- Membrane, Temporal Bone Fractures, Acute Otitis
- Media, Serous Otitis Media, Tympanocentesis,

Myringotomy, and more

Pneumatic Otoscopy - Simulated slides to enhance students' pneumatic otoscopy skills – available as an add-on

- Self Examination and Anatomy Examination
- INCLUDES:Base Unit with Laptop Computer
- Right Ear Form + Left Ear form
- Instrumented Otoscope
- Control Box
- Software Package & Manual
- Protective Hard Cases

1-Year Warranty

## **17.Fundoscopy Simulator and Ophthalmoscopy Trainer**

Superior Learning Outcomes & Efficacy:

- Close the learning feedback loop – monitor student progress through the instrumented ophthalmoscope, as students practice technique and identify retinal features.
- Increase Accuracy – works with a Training and Simulation System
- Expand student knowledge – system includes access to 200 high-resolution images
- Improve viewer retention – offers an immersive full-screen experience with an easy-to-use graphical interface
- Broaden student capability – system comes with a series of advanced quizzes featuring randomized, realistic clinical

scenarios that test both medical and patient interaction skills.

**KEY FEATURES:**

- Ophthalmoscope - Detects user movements and orientation
- Realistic Eye Geometry - Replicates the magnification of lens in the human eye and different clinical conditions

**SOFTWARE:**

Includes training and testing modules to practice and evaluate

- ophthalmoscopy technique
- Landmarking Function - Allows instructor to highlight specific characteristics of pathologies in the region student is viewing
- Proprietary Database of Images - Supplemented with detailed text descriptions and images are pre-annotated for normal landmarks and pathological features.

## **18. FEMALE CATHETERIZATION TRAINERS**

**Specifications:**

**Anatomy**

- Soft labia allow trainees to practice parting using aseptic no-touch technique
- Subtle meatus
- Presence of vaginal vault that allows insertion of catheter in the incorrect location
- Pre-ported suprapubic catheter

**Realism**

- Supple urethra and resistant sphincter providing realistic response

**Versatility**

- Ability to view catheter path
- Non-drip valve
- Reusable double-sleeve catheter packaging is supplied for teaching aseptic technique
- Syringe supplied with water-based lubricant

**Skills Gained:**

- Correct handling of female anatomy
- Aseptic catheterization technique
- Withdrawal of catheter
- Urinary catheterization

**Includes**

- Female catheterization module
- Water system

- Pelvic shell and stand
- Water extension tubing
- Aseptic catheterization sleeves
- Lubricant gel
- Bladder diaphragm
- Bladder valve
- Sterilizing fluid
- 

## **19. MALE CATHETERIZATION TRAINERS**

### **Specifications:**

#### **1. Anatomy**

- Male anatomy: pubic bone, realistic meatus, flaccid penis, replaceable and removable foreskin

#### **2. Realism**

- Supple urethra and resistant sphincter providing realistic response

#### **3. Versatility**

- Ability to view catheter path
- Non-drip valve
- Reusable double-sleeve catheter packaging is supplied for teaching aseptic technique
- Syringe supplied with water-based lubricant to simulate proprietary local anaesthetic gel

#### **4. Cleaning**

- Skin surface is washable using soap & water

#### **5. Safety**

- Product is latex free (catheters provided contain latex)

#### **6. Skills Gained**

- Correct handling of male anatomy
- Aseptic catheterization technique
- Withdrawal of catheter
- Urinary catheterization
- Fluid management

#### **7. Includes:**

- Male catheterization module
- Water extension tubing
- Pelvic shell and stand
- Water system
- Sterilizing fluid
- Foreskins for catheterization
- Aseptic catheterization sleeves
- Lubricant gel
- Bladder diaphragm
- Male perineum for catheterization
- Bladder valve

## **20. Trauma Moulage Kit**

### **Specifications:**

Makeup bag with imitation wounds, artificial blood and makeup to

simulate crisis situations for first aid practice.

Imitation wounds can be attached to the skin with an accompanying latex glue. Wounds are easily removed from the skin and the glue can be pulled away or wiped.

Bleeding from artery or vein can be simulated using hose and pump found with practice kit.

Moulage Contents:

1. Hidden fracture on the lower jaw
2. Hidden fracture around eyes Broken nose
3. Open rib fracture
4. Abdominal/bowel injury
5. Delivered eye
6. Open bone fracture
7. Open arm break
8. Animal bite
9. Cutting wounds with glass cutting
10. Wounds with large metal objects
11. Snake Bite
12. Stick wounds
13. Hidden bone fracture
14. Hidden arm fracture
15. Open finger break
16. Wounds at the nail bed
17. Foot injury with broken toes
18. Frost-bit tears
19. Third degree burn
20. Second degree burn
21. First degree burn
22. Radiation damage
23. Wounds with arterial bleeding
24. Wounds with venous bleeding
25. Upply wound with skin flap
26. Cross injury
27. Scrub wounds
28. Large average wound
29. Shooting wounds in
30. Shooting wounds out
31. Uploaded wound

Other contents:

- 6 blood drops in plastic that can be glued on.
- 1 can of 20 blood capsules, to simulate bleeding from the mouth.
- 1 bottle of concentrated artificial blood, 100 g
- 2 empty blood bottles with beeps, 100 ml
- 2 plastic hoses 1.4 meters
- 1 bottle special adhesive, 100 ml
- 1 spatula
- 3 pcs makeup pens (red blue black)
- 1 masking makeup 2 plastic balloons, to simulate bleeding

## **21. Moulage kit for Nursing Care**

Mouflage kit with highly detailed variety of disease, pressure and surgically induced wounds.

The kit comes with a spray container of odors including vomit. Comes packaged in a sturdy carrying case for ease of storage and transport.

Sizes: 21" x 10" x 10". Ship weight 7 lbs.

Moulagages:

- 2 ankle edemas
- 1 bed sore, 4th stage, 70 mm
- 1 diabetic ulcer, 20 mm
- 1 ulcer, stage 1
- 1 skin graft, 6"
- 1 burn, 2nd degree
- 1 child colostomy
- 1 adult stoma
- 1 large road rash
- 3 surgical site infections, 3 levels

Makeup Accessories:

- 3 spirit gum with applicator
- 1 vomit spray

1 coagulant blood, 4 oz.

## 22. Simulated Anesthesia Machine

### Specifications:

#### STANDARD EQUIPMENT

(To be used with adult patient simulator programs as an add-on)

- Anesthesia cart
- Medical attachments (breathing circuit with mask and tracheal tube, SpO2 probe, CO2 sample line, O2 hose, N2O hose, medical air hose, 3-lead ECG cables, IBP catheter, NIBP cuff, temperature probe)
- 2 monitors
- Program software and license User guide

#### SIMULATED ANESTHETIC AGENTS

- Isoflurane
- Sevoflurane
- Desflurane

#### ADDITIONAL CONTROLS

- O2 flush valve
- ACGO valve
- View soda lime canister control
- Leak, breathing-circuit disconnection

#### KEY FEATURE

- Full range of typically monitored values common to anesthesia machines
- Simulates delivery of multiple anesthetic agents, with realistic responses
- Simulates interaction of all anesthesia machine controls,

including: APL valve, manual ventilation switch, rebreather bag (inspiration), N2O (expiration), Iso (inspiration/expiration), Sev (inspiration/ expiration), gas flow dials (O2 , N2O, AIR)

- Adjustable screen layout, alarms and other settings
- 36 Alarms, 4 Gauges, 3 Loops, 51 Numerics, 3 Views, 5 Waveforms
- Full range of operator-adjustable parameters for each ventilation mode

#### VENTILATION MODES

- Volume-controlled ventilation (VCV): PEEP, Flow Trigger, VT, RR, Tpause, Ti rise, I:E
- Pressure-controlled ventilation (PCV): PEEP, Pi,  $\Delta P_{supp}$ , Flow Trigger, RR, Ti rise, I:E
- Continuous positive airway pressure (CPAP+PSV): PEEP,  $\Delta P_{supp}$ , Flow Trigger, Ti rise, Tapnea, Pi backup, RR backup, I:E backup Synchronized intermittent-mandatory ventilation (SIMV): PEEP,  $\Delta P_{supp}$ , Flow Trigger, VT, RR, Tpause, Ti rise, I:E

### 23. Simulated Mechanical Ventilator

Simulated ventilator which offers risk-free practice before seeing patients:

- Manage ventilation of a patient with normal and abnormal lung mechanics, and other respiratory conditions
- Operate and configure a ventilator
- Monitor a ventilated patient and interpret data
- Troubleshoot ventilator issues

#### Key Features

- Full range of typically monitored values
- Full range of operator-adjustable parameters for each mode of ventilation common to conventional hospital ventilators
- Adjustable screen layout, alarms, and other settings
- Provides experiential learning skills required to manage and monitor ventilation of a patient, and troubleshoot ventilator issues
- 17 Alarms, 3 Loops (pressure volume, pressure flow, volume flow), 39 Numerics, 4 Views, 6 Waveforms (pressure, flow, volume, Edi, SpO2, CO2)
- Maneuvers: Inspiratory hold, expiratory hold

#### Ventilation Modes

- Volume-controlled ventilation (VCV): VT, PEEP, Flow Trigger, RR, Tpause, Ti rise, I:E, FiO2
- Pressure-controlled ventilation (PCV): Pi, PEEP,  $\Delta P_{supp}$ , Flow Trigger, RR, Ti rise, I:E, FiO2 Continuous positive airway pressure (CPAP+PSV): PEEP,  $\Delta P_{supp}$ , Flow Trigger, Ti rise, End Inspiration %, FiO2, Tapnea, Pi backup, RR backup, I:E backup
- Volume support ventilation (VSV): PEEP, Flow Trigger, VT, Ti rise, End Inspiration %, FiO2, Tapnea, VT backup, RR backup, I:E backup

- Neurally adjusted ventilatory assist (NAVA): PEEP, Edi Trigger, Flow Trigger, NAVA Level, FiO2, Tapnea, Pi backup, RR backup, I:E backup
- Synchronized intermittent-mandatory ventilation (SIMV): PEEP, ΔPsupp, Flow Trigger, VT, RR, Tpause, Ti rise, I:E, End Inspiration %, FiO2

#### Technical Specifications

- Ventilator cart
- Medical attachments (breathing circuit with mask and tracheal tube, SpO2 probe, CO2 sample line, O2 hose)
- Student tablet
- All-in-one monitor
- Simulated Ventilator software and license
- Leak, breathing-circuit disconnection
- User guide

## **24. Simulated Defibrillator and patient monitoring device**

Integrated defibrillation, patient monitoring, and ventilator management training

#### TECHNICAL SPECIFICATION

With at least 5 monitor skins for training.

#### FEATURES:

- Integrated with Bluetooth-compatible manikins
- Simulated patient monitor, defibrillator, ventilator
- Powered by patient monitor and patient ventilation program / application
- Monitor skins that represent real interfaces
- Real-time QCPR feedback
- Portable with easy setup
- Monitor housing material is 100% recycled plastic

> Monitor can be modified to use as a defibrillator, ventilator, or patient monitor and can be used with either manikin or standardized patients.

#### Component Breakdown

- 2-year subscription for either a patient monitor or patient ventilation management application
- Instructor Tablet w/ Protection Case and Power Adapter
- Monitor Tablet with Power Adapter
- 2 Hardcase, Side pouched, Shoulder Strap
- Set of simulated cables including:
  - EtCO2 cable
  - BP Cuff
  - Defib Pads Cable
  - 12-lead ECG cable (4+6)

Spo2-sensor cable



## 25. Simulated Defibrillator

Simulation system integrated with licensed Controller, Assessment and Cloud. In addition to a 12-lead ECG with pacer and integrated real-time CPR feedback, the simulated defibrillator also features an AED or manual defibrillator.

The simulated defibrillator is compatible with any simulation manikin or can be used with a patient actor for even more reality.

### Functions

- Intuitive controller
- Stable connection of the devices for smooth workouts
- High quality & shockproof case with side pockets
- Various monitor views including monitor, defibrillator, AED and numeric Extensive waveform libraries with dynamic waveforms
- 12-channel ECG
- Media center
- AED, manual defibrillator & pacer
- Real-time CPR feedback with innovative sensor technology
- Resuscitation mode (metronome, fraction, etc.)
- Alarms with adjustable alarm limits

### Controller Assessment

- Control all vital signs via instructor software
- Browser-based scenario editor with image and video library
- Auscultation, blood sugar and temperature measurement
- Availability of checklists and SOP for in field use

### CPR Sensor

The sensors provide the instructor with information about the pressure depth and speed in the integrated display on the scenario controller. The arrows above and below the respective values indicate whether, for example, pressure is being applied too quickly or too Deeply.

### Hardware Set

- Bag for Hardcase
- Adult Cable Set (training only)
- Pediatric cable set (training only)
- Wifi router
- 10.2 inch tablet with hard case for Monitor 10.2 inch tablet with protection cover for Controller

## 26. Medical Utility Trolley

- 3-layer utility trolley
- Stainless steel structure
- Upper top with extended up rims on at least three sides
- Lateral push handle
- With at least 1 drawer
- Middle and lower stainless steel shelves with guard rails on at least three sides

- Bumper protection With rolling wheels and brakes

## **27. Hospital Screen**

- 4-panel Hospital screen
- On caster wheels with wheel breaks
- The screen has dust-proof and antibacterial function.
- The Ward Screen can be wind penetrated, good for ventilation.
- The cloth /PU leather/PVC are easy to clean
- The screen can be assembled and disassembled easily.

## **28. Infant Warmer**

- Pre-warm mode control, manual mode control and baby mode controlled by micro-computer;
- Set temperature and baby temperature can be displayed separately;
- Horizon angle of heater head and inclination of the bassinet can be adjusted;
- The panels around bassinet can be turned outward;
- X-ray cassette under the bassinet.
- With wheels and wheel breaks
- 1 unit only.

## **29. Suction Machine**

- Overflow Protection Design
- Oil-free Pump
- Heavy Duty
- Compact, Lightweight and Portable

## **30. Laboratory-Grade Water Distiller**

- Electric distilled water device
- $\geq 5$ L/hour output of distilled water
- Heating power: 4.5kW
- Voltage: 220V
- Net Weight: 6kg
- Gross Weight: 9kg
- Electric heating tubes as heating sources
- Utilises ordinary tap water as raw material water and cooling water to prepare the distilled water in a ratio of 1:8.5
- Effective sealing system to prevent the leakage of steam;
- Material: high-quality stainless steel with corrosion resistance, aging resistance, convenient operation and long service life;
- Water cut-off device that can sensitively judge the water cut-off condition of the equipment, and give an alarm

With the following parts: vent, condenser outlet, backwater outlet, water pipe connector, distilled water outlet, lock, evaporator water inlet, evaporation button, water level observation window, power cable, drain valve, work indicator, alarm indicator, startup button. and switch

### **31. Laryngoscope (Conventional Adult)**

Laryngoscope with bulb and 4 different macintosh blades.

Inclusions:

- SET OF 5 PCS
- a-STANDARD BATTERY HANDLE
- b-MACINTOSH BLADE # 0
- c-MACINTOSH BLADE # 1
- d-MACINTOSH BLADE # 2
- e-MACINTOSH BLADE # 3

### **32. Pediatric Aneroid Sphygmomanometer**

Sphygmomanometer

Long lasting, thicker rubber bladder

Authentic, luminous dial face

Genuine brass gauge

Inclusions:

1 x Handy case

At least 1 Durable pediatric inflation system / cuff

1 x Authentic luminous dial face

1 x Long lasting thicker rubber bladder.

### **33. Adult Aneroid Sphygmomanometer with stand**

Dimension: 50cm x 20cm x 50cm

Floor Standing Aneroid Sphygmomanometer with basket is commonly used for the indirect measurement of blood pressure in highly accurate.

White oversized numerals on contrasting black scale combined with high visibility red graduations for easy reading

tube and Reservoir lock simplify safe instrument maintenance

5 leg weighted base for stability

2" casters for easy mobility

Integral ABS cuff storage compartment in main unit

Height adjustable stand from 40" to 54" (from bottom of base to top of unit)

Scale angled back 15° for improved readability

Includes all assembly tools and hardware

### **34. Stethoscope**

- Open bell flexibility - The pediatric side extends to a conventional open bell by substituting the single-piece diaphragm using a non-chill rim
- High Definition sensitivity for doing overall physical examinations
- Tunable diaphragms on either adult and paediatric Surfaces of the chestpiece
- Single-piece diaphragm that is simple to attach and easy to clean surface, smooth without any fractures
- Next-generation tubing with enhanced resistance to skin oils and alcohol to get longer tube lifetime.
- **Length:** 69 cm
- **Weight:** 150g
- **CHEST PIECE**
- **Construction:** Two-sided, adult and paediatric
- **Material:** Stainless steel
- **Diaphragm type:** Tunable, single-piece
- **Diaphragm diameter:** Adult: 4.3cm, Paediatric: 3.3cm
- **TUBING**
- **Construction:** Single lumen (single acoustic channel within tube)
- **Material:** Not made with natural rubber latex or phthalate plasticisers
- **HEADSET**
- **Material:** Wide diameter aerospace alloy / anodised aluminium
- **EAR TIPS**
- **Ear tip type:** Soft Sealing

### 35. Wheeled General Exam Light

#### Feature

- Touchless On / Off
- Single white LED provides a superior white light that is significantly brighter than halogen
- Enhanced visualisation of the exam area, true tissue rendition and uniform spot White LED has industry leading lumen performance, with over 50,000 hours of life
- No heat dissipation
- Low cost of ownership, no bulb to replace and low energy consumption
- Mobile stand included -Two casters have a locking system
- Power cord included
- Easy to assemble
- 5 year limited warranty to include LED and power supply only

#### Specification:

- No of LEDs: 1
- Colour temperature: 5,500° k
- Light Intesity @ Typical working distance: 20,000 lux
- LED life: 50,000 hours
- Working distance: 30.5 cm to 50 cm
- Spot size at working distance: 13 cm to 15 cm
- Mains supply: 100
- 240 V, 50
- 60Hz, 0.35 A
- Mobile stand height: 61 cm
- Mobile stand height inc light: 149 cm

### **36. Wheeled Minor Procedure Light**

#### **Feature**

- Touchless On / Off and adjustable light control
- Three white LEDs provides a greater intensity and superior white light that is significantly brighter than halogen
- Enhanced visualisation of the exam area, true tissue rendition and uniform spot
- White LED's have industry leading lumen performance, with ove 50,000 hours of life
- No heat dissipation
- Low cost of ownership, no bulb to replace and low energy consumption
- Mobile stand included
- Two casters have a locking system
- Power cord Included
- Easy to assemble
- 5 year limited warranty to include LED and power supply only

#### **Specification**

- No of LEDs: 3
- Colour temperature: 5,500° k
- Light Intesity at Typical working distance: 50,000 lux
- LED life: 50,000 hours Working distance: 30.5 cm to 50 cm
- Spot size at working distance: 15 cm to 18 cm
- Mains supply: 100
- 240 V, 50
- 60Hz, 0.65 A
- Mobile stand height: 61 cm
- Moble stand height inc light: 149 cm

### **37. Wheeled Procedure Drop Light**

- Six (6) white LEDs for greater intensity
- 5,500° K white light-emitting diodes (LEDs) as opposed to halogen, for a superior whiter, brighter light
- Truer tissue rendition and uniform spot—no dark or hot spots—for enhanced visualization of the exam area
- Industry-leading lumen performance for a longer life (approx. 50,000 hours)and lower cost of ownership
- Touchless On/Off with dimming option
- Multiple mounting options for floor space
- Disposable sheath available to help reduce the risk of infection due to cross-contamination Rugged, ergonomic design allows for improved performance and long-lasting durability
- Lower cost of ownership due to elimination of bulb replacement and lower energy consumption
- Light includes mobile stand

#### **Specification**

- No of LEDs: 6
- Colour temperature: 5,500° k
- LED life: 50,000 hours
- Working distance: 60.9 cm to 100 cm

Spot size at working distance: 23 cm to 25 cm

## ***Section VIII. Checklist of Technical and Financial Documents***

### **I. ELIGIBILITY AND TECHNICAL COMPONENT ENVELOPE (Envelope No. 1)**

#### **Class “A” Documents**

Legal Documents (foreign bidders (if allowed) shall submit equivalent documents issued by relevant government institution duly authenticated and should be in English).

- a) Valid PhilGEPS Registration Certificate (Platinum Membership) (all pages);  
**And**
- b) Registration certificate from Securities and Exchange Commission (SEC) including articles of incorporation and latest general information sheet, Department of Trade and Industry (DTI) for sole proprietorship, or Cooperative Development Authority (CDA) for cooperatives or its equivalent document,  
**And**
- c) Mayor’s or Business permit issued by the city or municipality where the principal place of business of the prospective bidder is located, or the equivalent document for Exclusive Economic Zones or Areas; (Note: In case not yet renewed, submit proof of application of renewal).  
**And**
- d) Tax clearance per E.O. No. 398, s. 2005, as finally reviewed and approved by the Bureau of Internal Revenue (BIR).

#### Technical Documents

- e) Statement of the prospective bidder of all its ongoing government and private contracts, including contracts awarded but not yet started, if any, whether similar or not similar in nature and complexity to the contract to be bid; (Attach Notice of Award / Purchase order /Supply Contract)  
**and**
- (f) Statement of the bidder’s Single Largest Completed Contract (SLCC) similar to the contract to be bid, except under conditions provided for in Sections 23.4.1.3 and 23.4.2.4 of the 2016 revised IRR of RA No. 9184, within the relevant period as provided in the Bidding Documents; (Attach Letter of Acceptance/Certificate of Completion signed by the owner or authorized representative or Official Receipts issued for the contract) **and**
- (g) Original copy of Bid Security. If in the form of a Surety Bond, submit alsoa certification issued by the Insurance Commission;  
**or**  
Original copy of Notarized Bid Securing Declaration; **and**
- (h) Conformity with the Technical Specifications, Terms of Reference which include production/delivery schedule, manpower requirements for training, maintenance (List of key Personnel), etc. as required for the provision/delivery of the system, and after-sales services; **and** (i) Other documentary requirements specified in the Terms and Conditions;

**and**

- (j) Original duly signed Omnibus Sworn Statement (OSS);  
**and** if applicable, Original Notarized Secretary's Certificate in case of a corporation, partnership, or cooperative; or Original Special Power of Attorney of all members of the joint venture giving full power and authority to its officer to sign the OSS and do acts to represent the Bidder.  
  
Certified scanned copy of Government Issued ID (GIID) of the authorized representative/s who executed the OSS and Secretary's Certificate should be attached to these instruments.  
  
Note: If the person who executed the Omnibus Sworn Statement is not the same as the official who shall sign the contract/Purchase Order, please attach another Secretary's Certificate attesting to this effect.

Financial Documents

- (k) The Supplier's audited financial statements, showing, among others, the Supplier's total and current assets and liabilities, stamped "received" by the BIR or its duly accredited and authorized institutions, for the preceding calendar year which should not be earlier than two (2) years from the date of bid submission; **and**
- (l) The prospective bidder's computation of Net Financial Contracting Capacity (NFCC);  
**or**  
A committed Line of Credit from a Universal or Commercial Bank in lieu of its NFCC computation.
- (m) **Additional Documents:** UP Manila Questionnaire (Notarized)

**Class "B" Documents**

- (n) If applicable, a duly signed joint venture agreement (JVA) in case the jointventure is already in existence;  
**or**  
duly notarized statements from all the potential joint venture partners stating that they will enter into and abide by the provisions of the JVA in the instance that the bid is successful.

**II. FINANCIAL COMPONENT ENVELOPE**

- (o) Original of duly signed and accomplished Financial Bid Form; **and**
- (p) Original of duly signed and accomplished Price Schedule(s).

Other documentary requirements under RA No. 9184 (as applicable)

- (q) [For foreign bidders claiming by reason of their country's extension of reciprocal rights to Filipinos] Certification from the relevant government office of their country stating that Filipinos are allowed to participate in government procurement activities for the same item or product.
- (r) Certification from the DTI if the Bidder claims preference as a Domestic Bidder or Domestic Entity.

## ***Section IX. FORMS***

1. Quick Fact Sheet – to be used when requesting for zoom link and should be placed on top of the bid documents (new requirement)
2. Bid Securing Declaration
3. Financial Documents for Eligibility Check (NFCC)
4. Bid Form and Bid Price Schedule
5. Omnibus Sworn Statement
6. UP Questionnaire
7. Statement of Ongoing Projects
8. Statement of Single Largest Completed Contract (similar to the contract to be bid)
9. Illustration for the marking and sealing of bid envelopes 1 and 2





**UNIVERSITY OF THE PHILIPPINES MANILA**  
**BIDS AND AWARDS COMMITTEE 3**

2<sup>nd</sup> Floor, Joaquin Gonzales Compound, Padre Faura Street, Taft Avenue, Manila 1000,  
Philippines  
Tel: (632) 88141-223

**GUIDELINES FOR THE CONDUCT OF**  
**BIDS AND AWARDS COMMITTEE MEETINGS USING ONLINE PLATFORMS**  
**(SUCH AS VIDEO CONFERENCING, ZOOM, ETC)**

**Background and General Principle**

Article III, Section 8 of RA 9184 2016 Implementing Rules and Regulations (IRR) provides that “to promote transparency and efficiency, information and communications technology shall be utilized in the conduct of procurement procedure.”

The Government Procurement Policy Board through its Technical Support Office (TSO) continuously strived for the development of various on-line systems such as PhilGEPS which serves as the primary source of information on all government procurement. Procurement of common-used supplies and equipment can now be done at the Virtual Store of the Procurement Service. Recently, the development of online training platform was hastened due to the physical restrictions brought about by the community quarantine due to the COVID-19 pandemic.

Development of the online system for the submission of bids is ongoing. However, also due to the pandemic, the GPPB-TSO encouraged procuring agencies to develop their own system but in accordance with the guidelines issued by GPPB-TSO to ensure security, integrity and confidentiality of bid documents submitted.

The conduct of meetings with prospective bidders including prebid conference and opening of bids may now be conducted in person or face-to-face through videoconferencing, webcasting or similar technology with the interested suppliers, contractors and consultants.

In UP Manila, specifically the Bids and Awards Committee (BAC1, BAC2 and BAC3) meetings shall be conducted “face to face” using the online platforms. The manner of holding BAC meetings should be announced and described in the Invitation to Bid at the onset of the procurement activities. It should clearly define the guidelines or procedures to be observed by the prospective bidders and other interested contractors, suppliers or consultants, as follows:

- a. Using the attached Quick Fact Sheet, prospective bidders shall inform the concerned BAC Secretariat of their interest to participate in the pre-procurement or pre-bid conferences by sending the name/s of their authorized representative/s and their corresponding email address/es at least, the day before the meeting, to the following email addresses:

BAC 2 : [upm-bac2@up.edu.ph](mailto:upm-bac2@up.edu.ph)

BAC 3 : [upm-bac3-secretariat@up.edu.ph](mailto:upm-bac3-secretariat@up.edu.ph)

- b. The zoom link which shall be provided by the BAC Secretariat to those who signified their intention to attend at least one (1) hour before the scheduled start of the meeting. Only those whose names were submitted to the Secretariat will be allowed access to the meeting room. Zoom link should not be shared to other people.
- c. The prospective bidders/suppliers shall stay initially at the zoom waiting room until the discussion of the item where they intend to participate starts. The host of the meeting from the BAC Secretariat will then let them in to the meeting room just before the discussion of the specific matter they intend to participate.
- d. During discussion, participants shall be requested to put their audio/ microphones in “mute” mode, and shall unmute only upon raising their hands and have been given by the presiding officer the permission to speak.
- e. Participants shall open their camera when speaking for proper recognition.
- f. After discussion, all prospective bidders/suppliers for a particular project will courteously be requested to leave the meeting.
- g. Attendance to the zoom meeting should be documented. Likewise, the proceedings/minutes of the meeting should be recorded.

**QUICK FACT SHEET OF PROSPECTIVE BIDDERS:**

**PROJECT TITLE:** \_\_\_\_\_  
**PURCHASE REQUEST NO.** \_\_\_\_\_

**BIDDER'S OFFICIAL BUSINESS NAME**

\_\_\_\_\_

**COMPLETE BUSINESS ADDRESS:**

\_\_\_\_\_

\_\_\_\_\_

**OFFICIAL CONTACT DETAILS:**

Landline: \_\_\_\_\_  
Cellphone No. \_\_\_\_\_  
Email Address: \_\_\_\_\_

**NAME OF AUTHORIZED/DESIGNATED REPRESENTATIVE (Signature over Printed Name)**

a) During bidding: \_\_\_\_\_ Designation in the Company: \_\_\_\_\_

b) Signing of Contract/Purchase Order: \_\_\_\_\_

Designation in the Company: \_\_\_\_\_

**Certified true and correct:**

\_\_\_\_\_  
Signature over Printed Name

\_\_\_\_\_  
Corporate Secretary or Authorized Officer

**NOTES:**

1. Information provided in this fact sheet should be consistent with the details contained in the bidder's legal documents (SEC Registration/Latest GIS, Omnibus Sworn Statement and Secretary's Certificate).
2. The certifying officer should be at least the Corporate Secretary who shall execute the Secretary's Certificate of signing authority.
3. A filled-up copy of this sheet shall be sent to the BAC Secretariat when requesting zoom link. Another copy should be placed on top of the original copy of legal documents/eligibility requirements (Envelope 1) of bid documents.

Revised 30 May 2023

Republic of the Philippines)  
City of \_\_\_\_\_)S.S.  
x----- x

**BID-SECURING DECLARATION**  
**Invitation to Bid / Request for Expression of Interest No. \_\_\_\_\_**

To: [Name and Address of the Procuring Entity]

I/We, the undersigned, declare that:

1. I/We understand that, according to your conditions, bids must be supported by a Bid Security, which may be in the form of a Bid-Securing Declaration.
2. I/We accept that: (a) I/we will be automatically disqualified from bidding for any contract with any procuring entity for a period of two (2) years upon receipt of your Blacklisting Order; and, (b) I/we will pay the applicable fine provided under Section 6 of the Guidelines on the Use of Bid Securing Declaration, if I/we have committed any of the following actions:
  - (i) Withdrawn my/our Bid during the period of bid validity required in the Bidding Documents; or
  - (ii) Fail or refuse to accept the award and enter into contract or perform any and all acts necessary to the execution of the Contract, in accordance with the Bidding Documents after having been notified of your acceptance of our Bid during the period of bid validity.
3. I/We understand that this Bid-Securing Declaration shall cease to be valid on the following circumstances:
  - (a) Upon expiration of the bid validity period, or any extension thereof pursuant to your request;
  - (b) I am/we are declared ineligible or post-disqualified upon receipt of your notice to such effect, and (i) I/we failed to timely file a request for reconsideration or (ii) I/we failed a waiver to avail of said right;
  - (c) I am/we are declared as the bidder with the Lowest Calculated and Responsive Bid / Highest Rated and Responsive Bid, and I/we have furnished the performance security and signed the Contract.

**IN WITNESS WHEREOF**, I/We have hereunto set my/our hand/s this \_\_\_\_ day of \_\_\_\_\_, 20 \_\_\_\_ at \_\_\_\_\_.

**[BIDDER'S AUTHORIZED REPRESENTATIVE]**

**[Signatory's Legal Capacity]**

*Affiant*

**SUBSCRIBED AND SWORN TO** before me this \_\_\_\_ day of \_\_\_\_\_, 20 \_\_\_\_ at \_\_\_\_\_, Philippines. Affiant/s is/are personally known to me and was/were identified by me through competent evidence of identity as defined in the 2004 Rules on Notarial Practice (A.M. No. 02-8-13-SC). Affiant/s exhibited to me his/her [insert type of government identification card used], with his/her photograph and signature appearing thereon, with no. \_\_\_\_ and his/her Community Tax Certificate No. \_\_\_\_\_ issued on \_\_\_\_\_ at \_\_\_\_\_.

Witness my hand and seal this \_\_\_\_ day of \_\_\_\_\_, 20 \_\_\_\_.

Doc. No.: \_\_\_\_\_;

Page No.: \_\_\_\_\_;

Book No.: \_\_\_\_\_;

Series of \_\_\_\_\_.

NOTARY PUBLIC

**FINANCIAL DOCUMENTS FOR ELIGIBILITY CHECK  
 COMPUTATION OF NET FINANCIAL CONTRACTING CAPACITY (NFCC)**

Summary of the Applicant Supplier's/Distributor's/Manufacturer's assets and liabilities on the basis of the attached income tax return and audited financial statement, stamped "RECEIVED" by the Bureau of Internal Revenue or BIR authorized collecting agent, for the immediately preceding year.

		Year 20 _____
1.	Total Assets	
2.	Current Assets	
3.	Total Liabilities	
4.	Current Liabilities	
5.	Net worth (1-3)	
6.	Net Working Capital (2-4)	

(d) The Net Financial Contracting Capacity (NFCC) based on the above data is computed as follows:

NFCC = [ ( Current assets – Current liabilities ) (15)] minus the value of all outstanding or uncompleted portions of the projects under on- going contracts, including awarded contracts yet to be started coinciding with the contract to be bid.

NFCC = P \_\_\_\_\_

Note: Please show computation including the amount of all ongoing contracts/uncompleted contract and awarded contracts yet to be started to be deducted from the net worth.

Or

Commitment from a licensed bank to extend to it a credit line certificate if awarded the contract in the amount of at least 10% of the proposed project to bid.

Name of Bank: \_\_\_\_\_ Amount: \_\_\_\_\_

Herewith attached are certified true copies of the income tax return and audited financial statement stamped "RECEIVED" by the BIR or BIR authorized collecting agent for the immediately preceding year and the certificate of commitment from a licensed bank to extend a credit line.

Submitted by:

\_\_\_\_\_  
 Name of Supplier/Distributor/Manufacturer

\_\_\_\_\_  
 Signature of Authorized Representative

Date: \_\_\_\_\_

NOTE:

1. If Partnership or Joint Venture, each Partner or Member Firm of Joint Venture shall submit the above requirements.
2. The values of the domestic bidder's current assets and current liabilities shall be based on latest Audited Financial Statements submitted to the BIR.



UNIVERSITY OF THE PHILIPPINES MANILA  
 BIDS AND AWARDS COMMITTEE 3  
 2<sup>nd</sup> Floor, Joaquin Gonzales Compound, Padre Faura Street, Taft Avenue, Manila 1000,  
 Philippines  
 Tel: (632) 88141-223

**BID FORM**  
**BID No. BAC3-CM-PR23730**

**Supply of Laboratory Equipment for the Project:  
 Establishment & Operations of the UP College of Medicine  
 Simulation Center (FLR 2022).**

Date: \_\_\_\_\_

To:  
 BIDS AND AWARDS COMMITTEE 3  
 2<sup>nd</sup> Floor Joaquin Gonzales Compound,  
 University of the Philippines Manila,  
 Padre Faura St. Ermita Manila,

Gentlemen and Ladies:

Having examined the Bidding Documents including Bid Bulletin Number \_\_\_ the receipt of which is hereby duly acknowledged, we, the undersigned, offer to **Laboratory Equipment for the Project: Establishment & Operations of the UP College of Medicine Simulation Center (FLR 2022)** for the amount of our bid offer \_\_\_\_\_ or such other sums as may be ascertained in accordance with the Schedule of Prices attached herewith and made part of this Bid.

We undertake, if our Bid is accepted, to deliver the goods in accordance with the delivery schedule specified in the Schedule of Requirements.

If our Bid is accepted, we undertake to provide a performance security in the form, amounts, and within the times specified in the Bidding Documents.

We agree to abide by this Bid for the Bid Validity Period specified in **BDS** provision for **ITB** Clause 18.2 and it shall bring upon us and may be accepted at any time before the expiration of that period.

Commissions or gratuities, if any, paid or to be paid by us to agents relating to this Bid, and to contract execution if we are awarded the contract, are listed below:

Name and address of agent	Amount and Currency	Purpose of Commission or gratuity
_____	_____	_____
_____	_____	_____

(if none, state "None")

Until a formal contract is prepared and executed, this Bid, together with your written acceptance thereof and your Notice of Awards, shall be binding upon us.

We understand that you are not bound to accept the lowest or any bid you may receive.

We certify/confirm that we comply with the eligibility requirements as per ITB Clause 5 of the Bidding documents.

Dated this \_\_\_\_\_ day of \_\_\_\_\_ 20 \_\_\_\_\_.

\_\_\_\_\_

[signature over printed name]

[in the capacity of (indicate position in the company)]

Duly authorized to sign Bid and on behalf of

\_\_\_\_\_

**“FOR ENVELOPE 2”**

**BID PRICES / BILL OF QUANTITIES**

**BID NO.: BAC3-CM-PR23730**

**UNIT : CM**

Item Number	Quantity	Description	Unit Price	Approved Budget	Total Bids: (bids amount should be inclusive of tax)	
					Unit Cost	Total Amount
1.	3 Units	Abdominal Examination Trainer	750,000.00	2,250,000.00		
2.	6 Units	Adult Aneroid Sphygmomanometer with stand	4,000.00	24,000.00		
3.	1 Unit	Adult maternal and birth simulator	11,000,000.00	11,000,000.00		
4.	2 Units	Advanced Birthing Simulator	1,200,000.00	2,400,000.00		
5.	1 Unit	Advanced Infant Simulator	7,800,000.00	7,800,000.00		
6.	2 Units	Auscultation Training Simulator	1,500,000.00	3,000,000.00		
7.	6 Units	Breast Examination Trainer	200,000.00	1,200,000.00		
8.	4 Units	Cervical Dilatation and Effacement Module for manual birthing simulator	300,000.00	1,200,000.00		
9.	5 Units	Epidermis for Injection Simulator	8,500.00	42,500.00		
10.	1 Unit	Epidural and Lumbar puncture model	420,000.00	420,000.00		
11.	1 Unit	Female Catheterization Trainers	150,000.00	150,000.00		
12.	2 Units	Fundoscopy Simulator and Ophthalmoscopy Trainer	1,600,000.00	1,600,000.00		
13.	2 Units	Hospital Screen	10,000.00	20,000.00		
14.	2 Units	Infant Warmer	280,000.00	560,000.00		
15.	1 Unit	Laboratory-Grade Water Distiller	20,000.00	20,000.00		
16.	5 Units	Laryngoscope (Conventional Adult)	10,000.00	50,000.00		
17.	1 Unit	Male Catheterization Trainers	150,000.00	150,000.00		
18.	2 Units	Manual Birthing Simulator	900,000.00	1,800,000.00		



19.	6 Units	Medical Utility Trolley	50,000.00	300,000.00		
20.	1 Unit	Moulage Kit for Nursing Care	350,000.00	350,000.00		
21.	2 Units	Otoscopy Training and Simulation System	1,900,000.00	3,800,000.00		
22.	1 Unit	Paracentesis Trainer	550,000.00	550,000.00		
23.	4 Units	Pediatric Aneroid Sphygmomanometer	2,000.00	8,000.00		
24.	1 Unit	Postpartum Hemorrhage Trainer Kit	200,000.00	200,000.00		
25.	2 Units	Postpartum Hemorrhage Trainer Module	100,000.00	200,000.00		
26.	1 Unit	Simulated Anesthesia Machine	2,400,000.00	2,400,000.00		
27.	1 Unit	Simulated Defibrillator	900,000.00	900,000.00		
28.	1 Unit	Simulated Defibrillator and Patient monitoring device	650,000.00	650,000.00		
29.	1 Unit	Simulated Mechanical Ventilator	1,900,000.00	1,900,000.00		
30.	6 Units	Stethoscope	5,500.00	33,000.00		
31.	5 Units	Subcutaneous, Intradermal, and Intramuscular Injection Trainer	28,000.00	140,000.00		
32.	4 Units	Suction Machine	10,000.00	40,000.00		
33.	2 Units	Trauma Moulage Kit	280,000.00	560,000.00		
34.	1 Unit	Tube Feeding, tracheostomy, care and suction simulator	450,000.00	450,000.00		
35.	2 Units	Wheeled General Exam Light	60,000.00	120,000.00		
36.	2 Units	Wheeled Minor Procedure Light	90,000.00	180,000.00		
37.	2 Units	Wheeled Procedure Drop Light	200,000.00	400,000.00		
		<b>Total:</b>		<b>Php 48,467,500.00</b>		

**BID NO.: BAC3-CM-PR23730**

UNIT : CM

**Signature of Representative**  
**Name of Representative**

\_\_\_\_\_

\_\_\_\_\_

**Position**  
**Company**  
**Address**  
**Telephone/Fax Nos.**

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## Omnibus Sworn Statement (Revised)

*[shall be submitted with the Bid]*

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REPUBLIC OF THE PHILIPPINES)  
CITY/MUNICIPALITY OF \_\_\_\_\_ ) S.S.

### AFFIDAVIT

I, [Name of Affiant], of legal age, [Civil Status], [Nationality], and residing at [Address of Affiant], after having been duly sworn in accordance with law, do hereby depose and state that:

1. *[Select one, delete the other:]*

*[If a sole proprietorship:]* I am the sole proprietor or authorized representative of [Name of Bidder] with office address at [address of Bidder];

*[If a partnership, corporation, cooperative, or joint venture:]* I am the duly authorized and designated representative of [Name of Bidder] with office address at [address of Bidder];

2. *[Select one, delete the other:]*

*[If a sole proprietorship:]* As the owner and sole proprietor, or authorized representative of [Name of Bidder], I have full power and authority to do, execute and perform any and all acts necessary to participate, submit the bid, and to sign and execute the ensuing contract for [Name of the Project] of the [Name of the Procuring Entity], as shown in the attached duly notarized Special Power of Attorney;

*[If a partnership, corporation, cooperative, or joint venture:]* I am granted full power and authority to do, execute and perform any and all acts necessary to participate, submit the bid, and to sign and execute the ensuing contract for [Name of the Project] of the [Name of the Procuring Entity], as shown in the attached [state title of attached document showing proof of authorization (e.g., duly notarized Secretary's Certificate, Board/Partnership Resolution, or Special Power of Attorney, whichever is applicable)];

3. [Name of Bidder] is not "blacklisted" or barred from bidding by the Government of the Philippines or any of its agencies, offices, corporations, or Local Government Units, foreign government/foreign or international financing institution whose blacklisting rules have been recognized by the Government Procurement Policy Board, **by itself or by relation, membership, association, affiliation, or controlling interest with another blacklisted person or entity as defined and provided for in the Uniform Guidelines on Blacklisting;**

4. Each of the documents submitted in satisfaction of the bidding requirements is an authentic copy of the original, complete, and all statements and information provided therein are true and correct;

5. [Name of Bidder] is authorizing the Head of the Procuring Entity or its duly authorized representative(s) to verify all the documents submitted;

6. *[Select one, delete the rest:]*

*[If a sole proprietorship:]* The owner or sole proprietor is not related to the Head of the Procuring Entity, members of the Bids and Awards Committee (BAC), the Technical Working Group, and the BAC Secretariat, the head of the Project Management Office or the end-user unit, and the project consultants by consanguinity or affinity up to the third civil degree;

*[If a partnership or cooperative:]* None of the officers and members of *[Name of Bidder]* is related to the Head of the Procuring Entity, members of the Bids and Awards Committee (BAC), the Technical Working Group, and the BAC Secretariat, the head of the Project Management Office or the end-user unit, and the project consultants by consanguinity or affinity up to the third civil degree;

*[If a corporation or joint venture:]* None of the officers, directors, and controlling stockholders of *[Name of Bidder]* is related to the Head of the Procuring Entity, members of the Bids and Awards Committee (BAC), the Technical Working Group, and the BAC Secretariat, the head of the Project Management Office or the end-user unit, and the project consultants by consanguinity or affinity up to the third civil degree;

7. *[Name of Bidder]* complies with existing labor laws and standards; and
8. *[Name of Bidder]* is aware of and has undertaken the responsibilities as a Bidder in compliance with the Philippine Bidding Documents, which includes:
  - a. Carefully examining all of the Bidding Documents;
  - b. Acknowledging all conditions, local or otherwise, affecting the implementation of the Contract;
  - c. Making an estimate of the facilities available and needed for the contract to be bid, if any; and
  - d. Inquiring or securing Supplemental/Bid Bulletin(s) issued for the *[Name of the Project]*.
9. *[Name of Bidder]* did not give or pay directly or indirectly, any commission, amount, fee, or any form of consideration, pecuniary or otherwise, to any person or official, personnel or representative of the government in relation to any procurement project or activity.
10. **In case advance payment was made or given, failure to perform or deliver any of the obligations and undertakings in the contract shall be sufficient grounds to constitute criminal liability for Swindling (Estafa) or the commission of fraud with unfaithfulness or abuse of confidence through misappropriating or converting any payment received by a person or entity under an obligation involving the duty to deliver certain goods or services, to the prejudice of the public and the government of the Philippines pursuant to Article 315 of Act No. 3815 s. 1930, as amended, or the Revised Penal Code.**

IN WITNESS WHEREOF, I have hereunto set my hand this \_\_day of \_\_, 20\_\_ at \_\_\_\_\_, Philippines.

*[Insert NAME OF BIDDER OR ITS AUTHORIZED REPRESENTATIVE]*

*[Insert signatory's legal capacity]*  
Affiant

***Reminder: In case of Corporation/Partnership, a notarized Secretary's Certificate should be attached to this Omnibus Sworn Statement. Certified photocopy of Government Issued Identification Card with specimen signatures presented to the notary public should also be attached to both aforementioned instruments.***

**QUESTIONNAIRE FOR PROSPECTIVE BIDDERS**

1 Have you ever participated in any bidding in the University of the Philippines System?

<b>YES</b>	<b>NO</b>

If YES, fill up the table below. Use additional pages if necessary.

Constituent University / UP Campus	Name of Project	Amount of Project	Duration Start / End (Dates)	Status (On-going / completed)

2 Has your company ever been suspended or blacklisted by the University of the Philippines System?

<b>YES</b>	<b>NO</b>

If YES, fill up the table below. Use additional pages if necessary.

Constituent University / UP Campus	Name of Project	Reason for suspension / blacklisting	Status (On-going / lifted)

3 Has your company ever been suspended or blacklisted by any government agency or private Company?

YES	NO

If YES, fill up the table below. Use additional pages if necessary.

Name of government agency / Company	Name of Project	Reason for suspension / blacklisting	Status (On-going / lifted)

4 Has there ever been any project of your company in the University of the Philippines that was terminated by Administration?

YES	NO	NA

If YES, fill up the table below. Use additional pages if necessary.

Constituent University / UP Campus	Name of Project	Reason for termination	Date of termination

5	Do you certify that all the documents submitted by your company and personnel are authentic?	<b>YES</b>	<b>NO</b>
6	Is there any pending investigation and/or case filed against your company or your personnel in any court or any similar institutions in relation to any government contracts awarded to your company? in relation to practice of profession of any of your personnel?	<b>YES</b>	<b>NO</b>

If YES, fill up the table below. Use additional pages if necessary.

**For Company**

Case Filed	Where Filed	Date Filed	Status (On-going / resolved)	Remarks

**For Personnel**

Name of Personnel & Designation	Case Filed	Where Filed	Date Filed	Status (On-going / resolved)	Remarks

I hereby certify that all statements and information provided herein are complete, true and correct.

Name & Signature of Bidder's

Authorized

Representative

: \_\_\_\_\_

:

Official Designation

\_\_\_\_\_

Company

: \_\_\_\_\_

Notarized by



**STATEMENT OF BIDDER'S SINGLE LARGEST COMPLETED CONTRACT SIMILAR TO THE CONTRACT TO BE BID WITHIN THE LAST TWO (2) YEARS**

Business Name: \_\_\_\_\_

Business Address: \_\_\_\_\_

NAME OF CONTRACT / SALES	a. Owner's Name	Nature of Work	Bidder's Role		a. Amount of Award	a. Date Awarded
	b. Address		Description	%	b. Amount at Completion	b. Contract Effectivity
	c. Telephone Nos.				c. Duration	c. Date Completed

Note: This statement shall be supported with Letters of Acceptance signed by the owner or authorized representative or official receipts issued for the contract, if completed.

Submitted by

:

\_\_\_\_\_  
(Printed Name and Signature)

Designation

:

Date

:

**STATEMENT OF ALL ON-GOING GOVERNMENT AND PRIVATE CONTRACTS  
INCLUDING CONTRACTS AWARDED BUT NOT YET STARTED**

Business Name: \_\_\_\_\_

Business Address: \_\_\_\_\_

NAME OF CONTRACT / PROJECT COST	a. Owner's Name b. Address c. Telephone Nos.	Nature of Work	Bidder's Role		a. Date Awarded b. Contract Effectivity c. Date Completed	% of Accomplishment		Value of Outstanding Works / Undelivered Portion	
			Description	%		Planned	Actual		

**TOTAL COST OF OUTSTANDING CONTRACTS / WORKS:** \_\_\_\_\_

Note: 1. This statement shall be supported with Notice of Award / Purchase order / Supply Contract Provide another sheet if necessary

Submitted

by

:

\_\_\_\_\_

(Printed Name and Signature)

Designation

:

\_\_\_\_\_

Date

:

\_\_\_\_\_

# Guide on Sealing and Marking

## Suggested Marking (ITB 20)

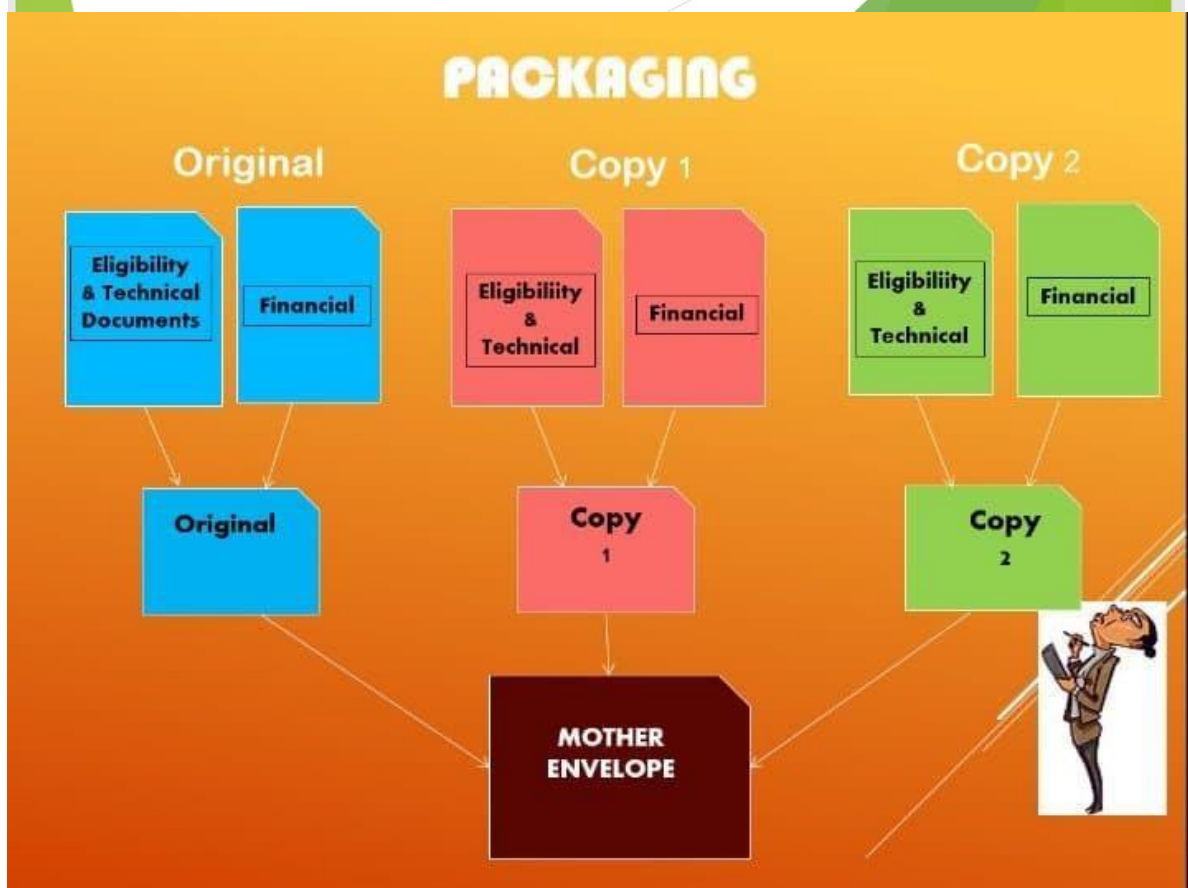
**COPY OF FIRST ENVELOPE**

**BIDDER:**  
Official Business Address  
Contact Details: Telephone / e-mail

Project Title:  
Reference/PR No.  
Public Bidding No.

Procurement Management Office  
2<sup>nd</sup> Floor, UP Manila Main Bldg.  
Joaquin Gonzales Compound,  
Padre Faura St. Manila

DO NOT OPEN BEFORE \_\_\_\_\_



**REMINDER:** Please refer the Checklist provided in the Bidding Documents on what should be included in Eligibility and Technical Documents (Envelope No. 1) and Financial Component (Envelope No. 2). Bid documents should be submitted in three copies as illustrated above and arrange in the order as listed in the checklist with proper markings/tabs. All bid documents should be secured by a binder (ex. paper fastener)

UP MANILA BIDS AND AWARDS COMMITTEE 3  
December 2023

