PHILIPPINE BIDDING DOCUMENTS

Procurement of Medical Equipment for College of Medicine

URS-25-70-052

Government of the Republic of the Philippines

UNIVERSITY OF RIZAL SYSTEM



Sixth Edition July 2020

Preface

These Philippine Bidding Documents (PBDs) for the procurement of Goods through Competitive Bidding have been prepared by the Government of the Philippines for use by any branch, constitutional commission or office, agency, department, bureau, office, or instrumentality of the Government of the Philippines, National Government Agencies, including Government-Owned and/or Controlled Corporations, Government Financing Institutions, State Universities and Colleges, and Local Government Unit. The procedures and practices presented in this document have been developed through broad experience, and are for mandatory use in projects that are financed in whole or in part by the Government of the Philippines or any foreign government/foreign or international financing institution in accordance with the provisions of the 2016 revised Implementing Rules and Regulations of Republic Act No. 9184.

The Bidding Documents shall clearly and adequately define, among others: (i) the objectives, scope, and expected outputs and/or results of the proposed contract or Framework Agreement, as the case may be; (ii) the eligibility requirements of Bidders; (iii) the expected contract or Framework Agreement duration, the estimated quantity in the case of procurement of goods, delivery schedule and/or time frame; and (iv) the obligations, duties, and/or functions of the winning bidder.

Care should be taken to check the relevance of the provisions of the PBDs against the requirements of the specific Goods to be procured. If duplication of a subject is inevitable in other sections of the document prepared by the Procuring Entity, care must be exercised to avoid contradictions between clauses dealing with the same matter.

Moreover, each section is prepared with notes intended only as information for the Procuring Entity or the person drafting the Bidding Documents. They shall not be included in the final documents. The following general directions should be observed when using the documents:

- a. All the documents listed in the Table of Contents are normally required for the procurement of Goods. However, they should be adapted as necessary to the circumstances of the particular Procurement Project.
- b. Specific details, such as the "name of the Procuring Entity" and "address for bid submission," should be furnished in the Instructions to Bidders, Bid Data Sheet, and Special Conditions of Contract. The final documents should contain neither blank spaces nor options.
- c. This Preface and the footnotes or notes in italics included in the Invitation to Bid, Bid Data Sheet, General Conditions of Contract, Special Conditions of Contract, Schedule of Requirements, and Specifications are not part of the text of the final document, although they contain instructions that the Procuring Entity should strictly follow.

- d. The cover should be modified as required to identify the Bidding Documents as to the Procurement Project, Project Identification Number, and Procuring Entity, in addition to the date of issue.
- e. Modifications for specific Procurement Project details should be provided in the Special Conditions of Contract as amendments to the Conditions of Contract. For easy completion, whenever reference has to be made to specific clauses in the Bid Data Sheet or Special Conditions of Contract, these terms shall be printed in bold typeface on Sections I (Instructions to Bidders) and III (General Conditions of Contract), respectively.
- f. For guidelines on the use of Bidding Forms and the procurement of Foreign-Assisted Projects, these will be covered by a separate issuance of the Government Procurement Policy Board.

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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.

 $\mathbf{EXW} - \mathbf{Ex}$ 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.

Section I. Invitation to Bid

Notes on the Invitation to Bid

The Invitation to Bid (IB) provides information that enables potential Bidders to decide whether to participate in the procurement at hand. The IB shall be posted in accordance with Section 21.2 of the 2016 revised IRR of RA No. 9184.

Apart from the essential items listed in the Bidding Documents, the IB should also indicate the following:

- a. The date of availability of the Bidding Documents, which shall be from the time the IB is first advertised/posted until the deadline for the submission and receipt of bids;
- b. The place where the Bidding Documents may be acquired or the website where it may be downloaded;
- c. The deadline for the submission and receipt of bids; and
- d. Any important bid evaluation criteria (*e.g.*, the application of a margin of preference in bid evaluation).

The IB should be incorporated in the Bidding Documents. The information contained in the IB must conform to the Bidding Documents and in particular to the relevant information in the Bid Data Sheet.



Republic of the Philippines UNIVERSITY OF RIZAL SYSTEM

Tanav. Rizal



Email: bacsecretariat@urs.edu.ph

Invitation to Bid for the

Procurement of Medical Equipment for College of Medicine

- 1. The University of Rizal System, through the fund 052 of 2025 intends to apply the sum of Twenty Million Nine Hundred Seventy Three Thousand Pesos Only (₱20,973,000.00) being the ABC to payments under the contract for Procurement of Medical Equipment for College of Medicine URS-25-70-052.
- 2. Bids received in excess of the ABC shall be automatically rejected at bid opening.
- 3. The **University of Rizal System** now invites bids for the above Procurement Project. Delivery of the Goods is required by **Thirty** (30) calendar days. Bidders should have completed, within **three** (3) **years** from the date of submission and receipt of bids, a contract similar to the Project. The description of an eligible bidder is contained in the Bidding Documents, particularly, in Section II (Instructions to Bidders).
- 4. Bidding will be conducted through open competitive bidding procedures using a non-discretionary "pass/fail" criterion as specified in the 2016 revised Implementing Rules and Regulations (IRR) of Republic Act (RA) No. 9184.
 - a. Bidding is restricted to Filipino citizens/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 regulations of which grant similar rights or privileges to Filipino citizens, pursuant to RA No. 5183.
- 5. Prospective Bidders may obtain further information from **University of Rizal System** and inspect the Bidding Documents at the address given below during Monday to Thursday, 7:00 AM to 6:00 PM.
- 6. A complete set of Bidding Documents may be acquired by interested Bidders on **September 24, 2025** from the given address and website(s) below and upon payment of the applicable fee for the Bidding Documents, pursuant to the latest Guidelines issued by the GPPB, in the amount of **Twenty Five Thousand Pesos** (**P25,000.00**). The Procuring Entity shall allow the bidder to present its proof of payment for the fees in person.
- 7. The University of Rizal System will hold a Pre-Bid Conference¹ on October 2, 2025 at 9:30 AM at BAC Secretariat Conference Room, Morong Campus, J. Sumulong St., Brgy San Juan, Morong, Rizal which shall be open to prospective bidders.

¹ May be deleted in case the ABC is less than One Million Pesos (PhP1,000,000) where the Procuring Entity may not hold a Pre-Bid Conference.

- 8. Bids must be duly received by the BAC Secretariat through manual submission at the office address indicated below, on or before **9:00 AM of October 14, 2025**. Late bids shall not be accepted.
- 9. All Bids must be accompanied by a bid security in any of the acceptable forms and in the amount stated in **ITB** Clause 14.
- 10. Bid opening shall be on **October 14, 2025, 9:30 AM at BAC Secretariat Conference Room, Morong Campus, J. Sumulong St., Brgy San Juan, Morong, Rizal** and broadcast via Google Meet. Bids will be opened in the presence of the bidders' representatives who choose to attend the activity.
- 11. The **University of Rizal System** reserves the right to reject any and all bids, declare a failure of bidding, or not award the contract at any time prior to contract award in accordance with Sections 35.6 and 41 of the 2016 revised IRR of RA No. 9184, without thereby incurring any liability to the affected bidder or bidders.
- 12. For further information, please refer to:

BAC Secretariat URS Morong Campus, J. Sumulong St., Brgy San Juan, Morong, Rizal Tel. No. 09189519618

Email: bacsecretariat@urs.edu.ph

13. You may visit the following websites:

For downloading of Bidding Documents: http://www.urs.edu.ph/bid-opportunities/

September 24, 2025

ARIEL M. PLANTILLA, DBA.

Chairperson, Bids and Awards Committee

Section II. Instructions to Bidders

Notes on the Instructions to Bidders

This Section on the Instruction to Bidders (ITB) provides the information necessary for bidders to prepare responsive bids, in accordance with the requirements of the Procuring Entity. It also provides information on bid submission, eligibility check, opening and evaluation of bids, post-qualification, and on the award of contract.

1. Scope of Bid

The Procuring Entity, University of Rizal System wishes to receive Bids for the Procurement of Medical Equipment for College of Medicine, with identification number URS-25-70-052.

The Procurement Project (referred to herein as "Project") is composed of one (1) lot, the details of which are described in Section VII (Technical Specifications).

2. Funding Information

- 2.1. The GOP through the source of funding as indicated for **052 of 2025** in the amount of **Twenty Million Nine Hundred Seventy Three Thousand Pesos** Only (₱20.973,000.00)
- 2.2. The source of funding is:

NGA, the General Appropriations Act or Special Appropriations / Agency Regular Fund- NEP Level

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:

For the procurement of Non-expendable Supplies and Services: The Bidder must have completed a single contract that is similar to this Project, equivalent to at least fifty percent (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

7.1. The Bidder may subcontract portions of the Project to the extent allowed by the Procuring Entity as stated herein, but in no case more than twenty percent (20%) of the Project.

The Procuring Entity has prescribed that:

Subcontracting is not allowed.

- 7.2. [If Procuring Entity has determined that subcontracting is allowed during the bidding, state:] The Bidder must submit together with its Bid the documentary requirements of the subcontractor(s) complying with the eligibility criteria stated in **ITB** Clause 5 in accordance with Section 23.4 of the 2016 revised IRR of RA No. 9184 pursuant to Section 23.1 thereof.
- 7.3. [If subcontracting is allowed during the contract implementation stage, state:] The Supplier may identify its subcontractor during the contract implementation stage. Subcontractors identified during the bidding may be changed during the implementation of this Contract. Subcontractors must submit the documentary requirements under Section 23.1 of the 2016 revised IRR of RA No. 9184 and comply with the eligibility criteria specified in ITB Clause 5 to the implementing or end-user unit.
- 7.4. Subcontracting of any portion of the Project does not relieve the Supplier of any liability or obligation under the Contract. The Supplier will be responsible for the acts, defaults, and negligence of any subcontractor, its agents, servants, or workmen as fully as if these were the Supplier's own acts, defaults, or negligence, or those of its agents, servants, or workmen.

8. Pre-Bid Conference

The Procuring Entity will hold a pre-bid conference for this Project on the specified date and time and either at its physical address BAC Secretariat Conference Room, URS Morong Campus, J. Sumulong St., Brgy. San Juan, Morong, Rizal and through videoconferencing via Google Meet 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 Bid 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 **three** (3) **years** 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.

11.4. For Foreign-funded Procurement, a ceiling may be applied to bid prices provided the conditions are met under Section 31.2 of the 2016 revised IRR of RA No. 9184.

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 the **BDS**.
 - 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 the **BDS**.

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.

14. Bid Security

- 14.1. The Bidder shall submit a Bid Securing Declaration² 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 **February 11, 2026**. 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 one copy of the first and second components of its Bid.

The Procuring Entity may request additional hard copies and/or electronic copies of the Bid. However, failure of the Bidders to comply with the said request shall not be a ground for disqualification.

If the Procuring Entity allows the submission of bids through online submission or any other electronic means, the Bidder shall submit an electronic copy of its Bid, which must be digitally signed. An electronic copy that cannot be opened or is corrupted shall be considered non-responsive and, thus, automatically disqualified.

16. Deadline for Submission of Bids

16.1. The Bidders shall submit on the specified date and time and either at its physical address or through online submission as indicated in paragraph 7 of the **IB**.

17. Opening and Preliminary Examination of Bids

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

18.1. 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.

² 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.

19. Detailed Evaluation and Comparison of Bids

- 19.1. The Procuring Entity's 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 maybe. In this case, the Bid Security as required by **ITB** Clause 14 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. The Project shall be awarded as follows:

One Project having several items that shall be awarded as one contract.

19.5. 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

20.1. 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

21.1. 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**.

Section III. Bid Data Sheet

Notes on the Bid Data Sheet

The Bid Data Sheet (BDS) consists of provisions that supplement, amend, or specify in detail, information, or requirements included in the ITB found in Section II, which are specific to each procurement.

This Section is intended to assist the Procuring Entity in providing the specific information in relation to corresponding clauses in the ITB and has to be prepared for each specific procurement.

The Procuring Entity should specify in the BDS information and requirements specific to the circumstances of the Procuring Entity, the processing of the procurement, and the bid evaluation criteria that will apply to the Bids. In preparing the BDS, the following aspects should be checked:

- a. Information that specifies and complements provisions of the ITB must be incorporated.
- b. Amendments and/or supplements, if any, to provisions of the ITB as necessitated by the circumstances of the specific procurement, must also be incorporated.

Bid Data Sheet

| ITB Clause | |
|---------------|--|
| 5.3 | For this purpose, contracts similar to the Project shall be: |
| | a. Procurement of Medical Equipmentb. Completed within three (3) years prior to the deadline for the submission |
| | and receipt of bids. |
| 7.1 | Subcontracting is not allowed |
| 12 | The price of the Goods shall be quoted DDP URS Morong Campus, J. Sumulong St., Brgy San Juan, Morong, Rizal or the applicable International Commercial Terms (INCOTERMS) for this Project. |
| 14.1 | The bid security shall be in the form of a Bid Securing Declaration, or any of the following forms and amounts: |
| | a. The amount of not less than P419,460.00 , if bid security is in cash, cashier's/manager's check, bank draft/guarantee or irrevocable letter of credit; or |
| | b. The amount of not less than P1,048,650.00 if bid security is in Surety Bond. |
| 19.3 | [In case the Project will be awarded by lot, list the grouping of lots by specifying the group title, items, and the quantity for every identified lot, and the corresponding ABC for each lot.] |
| | [In case the project will be awarded by item, list each item indicating its quantity and ABC.] |
| 20.2 | [List here any licenses and permits relevant to the Project and the corresponding law requiring it.] |
| 21.2 | [List here any additional contract documents relevant to the Project that may be required by existing laws and/or the Procuring Entity.] |

Section IV. General Conditions of Contract

Notes on the General Conditions of Contract

The General Conditions of Contract (GCC) in this Section, read in conjunction with the Special Conditions of Contract in Section V and other documents listed therein, should be a complete document expressing all the rights and obligations of the parties.

Matters governing performance of the Supplier, payments under the contract, or matters affecting the risks, rights, and obligations of the parties under the contract are included in the GCC and Special Conditions of Contract.

Any complementary information, which may be needed, shall be introduced only through the Special 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**.

[Include the following clauses if Framework Agreement will be used:]

- 2.3. For a single-year Framework Agreement, prices charged by the Supplier for Goods delivered and/or services performed under a Call-Off shall not vary from the prices quoted by the Supplier in its bid.
- 2.4. For multi-year Framework Agreement, prices charged by the Supplier for Goods delivered and/or services performed under a Call-Off shall not vary from the prices quoted by the Supplier during conduct of Mini-Competition.

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 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. [Include if Framework Agreement will be used:] In the case of Framework Agreement, the Bidder may opt to furnish the performance security or a Performance Securing Declaration as defined under the Guidelines on the Use of Framework Agreement.]

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 {[Include if Framework Agreement will be used:] or Framework Agreement] specifications at no extra cost to the Procuring Entity in accordance with the Generic Procurement Manual. In addition to tests in the SCC, Section VII (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.

Section V. Special Conditions of Contract

Notes on the Special Conditions of Contract

Similar to the BDS, the clauses in this Section are intended to assist the Procuring Entity in providing contract-specific information in relation to corresponding clauses in the GCC found in Section IV.

The Special Conditions of Contract (SCC) complement the GCC, specifying contractual requirements linked to the special circumstances of the Procuring Entity, the Procuring Entity's country, the sector, and the Goods purchased. In preparing this Section, the following aspects should be checked:

- a. Information that complements provisions of the GCC must be incorporated.
- b. Amendments and/or supplements to provisions of the GCC as necessitated by the circumstances of the specific purchase, must also be incorporated.

However, no special condition which defeats or negates the general intent and purpose of the provisions of the GCC should be incorporated herein.

Special Conditions of Contract

| ~~~ | | | | | | |
|---------------|---|--|--|--|--|--|
| GCC Clause | | | | | | |
| 1 | [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:] | | | | | |
| | Delivery and Documents – | | | | | |
| | 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: | | | | | |
| | [For Goods supplied from abroad, state:] "The delivery terms applicable to the Contract are DDP delivered [indicate place of destination]. In accordance with INCOTERMS." | | | | | |
| | [For Goods supplied from within the Philippines, state:] "The delivery terms applicable to this Contract are delivered [indicate place of destination]. Risk and title will pass from the Supplier to the Procuring Entity upon receipt and final acceptance of the Goods at their final destination." | | | | | |
| | Delivery of the Goods shall be made by the Supplier in accordance with the terms specified in Section VI (Schedule of Requirements). | | | | | |
| | For purposes of this Clause the Procuring Entity's Representative at the Project Site is [indicate name(s)]. | | | | | |
| | Incidental Services – | | | | | |
| | The Supplier is required to provide all of the following services, including additional services, if any, specified in Section VI. Schedule of Requirements: | | | | | |
| | Select appropriate requirements and delete the rest. | | | | | |
| | a. performance or supervision of on-site assembly and/or start-up of the supplied Goods; | | | | | |
| | b. furnishing of tools required for assembly and/or maintenance of the supplied Goods; | | | | | |
| | c. furnishing of a detailed operations and maintenance manual for each appropriate unit of the supplied Goods; | | | | | |
| | 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 | | | | | |
| | | | | | | |

- 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.

- 1. 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
- 2. 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 costs 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.

Packaging -

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.

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.

The outer packaging must be clearly marked on at least four (4) sides as follows:

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

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.

Transportation -

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.

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.

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. 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. **Intellectual Property Rights –** 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. [If partial payment is allowed, state] "The terms of payment shall be as follows: 2.2 The inspections and tests that will be conducted are: [Indicate the applicable 4 *inspections and tests*]

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.

| Item | Description | Quantity | Total | Delivered, |
|--------|----------------------------------|----------|-------|------------------|
| Number | | | | Weeks/Months |
| 1. | Cadaver tank, Automatic | 3 | 3 | 30 calendar days |
| 2. | Visualization Table | 1 | 1 | 30 calendar days |
| 3. | Physiology Pharmacology | 1 | 1 | 30 calendar days |
| | Teaching System | | | |
| 4. | Binocular Medical Microscope | 30 | 30 | 30 calendar days |
| 5. | Trinocular Digital Medical | 1 | 1 | 30 calendar days |
| | Microscope | | | |
| 6. | Prepared Slides - Histology (set | 2 | 2 | 30 calendar days |
| | of 100pcs) | | | |
| 7. | Prepared Slides - Microbiology | 2 | 2 | 30 calendar days |
| | (set of 50pcs) | | | |
| 8. | Prepared Slides - Parasitology | 2 | 2 | 30 calendar days |
| | (set of 50pcs) | | | |
| 9. | Prepared Slides - Pathology (set | 2 | 2 | 30 calendar days |
| | of 100pcs) | | | |
| 10. | Skeleton Model with Muscle | 1 | 1 | 30 calendar days |
| | and ligament | | | |
| 11. | Classic Brain 5 part | 1 | 1 | 30 calendar days |
| 12. | Human heart model 7 part | 1 | 1 | 30 calendar days |
| 13. | Lung Model | 1 | 1 | 30 calendar days |
| 14. | Human kidney model with | 1 | 1 | 30 calendar days |
| | vessels | | | |
| 15. | Liver model with gall bladder | 1 | 1 | 30 calendar days |
| 16. | Deluxe dual sex human muscle | 2 | 2 | 30 calendar days |
| | torso model 31 part | | | |
| 17. | Visualizer | 1 | 1 | 30 calendar days |
| 18. | Thyroid and parathyroid glands | 1 | 1 | 30 calendar days |
| 19. | Brainstem nuclei | 1 | 1 | 30 calendar days |
| 20. | Extraocular muscles | 1 | 1 | 30 calendar days |
| 21. | Bony labyrinth and | 1 | 1 | 30 calendar days |
| | membranous labyrinth | | | • |
| 22. | The Vestibulocochlear | 1 | 1 | 30 calendar days |
| | apparatus | | | • |
| 23. | Blastocyst development process | 1 | 1 | 30 calendar days |
| 24. | The structure of the eye | 1 | 1 | 30 calendar days |
| | *** nothing follows *** | | | · · |
| | | | | |

Framework Agreement List

Limited to repeatedly required goods and services that are identified to be necessary and desirable, but, by its nature, use or characteristic, the quantity and/ or exact time of need cannot be accurately pre-determined and are not advisable to be carried in stock.

Prepared by the End-User, attached to the APP and submitted to the BAC for the approval of the HOPE.

| FRAMEWORK AGREEMENT LIST (AGENCY) | | | | | |
|---|--|-----|---------------|------------------------|--|
| Item / Service Type and nature of each item/service | Cost per item or service | Max | imum Quantity | Total Cost per Item | |
| | | | | | |
| TOTAL (Approved Budget for the Contract) | | | | | |
| Expected delivery timeframe after receipt of a Call-Off. | Within [no. of days] calendar days upon issuance of Call-off. | | | | |
| Remarks | Indicate here any other appropriate information as may be necessary. | | | | |
| SIGNATURE OVER PRINTED NAME | POSITION | | DEPARTMENT | T/DIVISION | |

Section VII. Technical Specifications

Notes for Preparing the Technical Specifications

A set of precise and clear specifications is a prerequisite for Bidders to respond realistically and competitively to the requirements of the Procuring Entity without qualifying their Bids. In the context of Competitive Bidding, the specifications (*e.g.* production/delivery schedule, manpower requirements, and after-sales service/parts, descriptions of the lots or items) must be prepared to permit the widest possible competition and, at the same time, present a clear statement of the required standards of workmanship, materials, and performance of the goods and services to be procured. Only if this is done will the objectives of transparency, equity, efficiency, fairness, and economy in procurement be realized, responsiveness of bids be ensured, and the subsequent task of bid evaluation and post-qualification facilitated. The specifications should require that all items, materials and accessories to be included or incorporated in the goods be new, unused, and of the most recent or current models, and that they include or incorporate all recent improvements in design and materials unless otherwise provided in the Contract.

Samples of specifications from previous similar procurements are useful in this respect. The use of metric units is encouraged. Depending on the complexity of the goods and the repetitiveness of the type of procurement, it may be advantageous to standardize the General Technical Specifications and incorporate them in a separate subsection. The General Technical Specifications should cover all classes of workmanship, materials, and equipment commonly involved in manufacturing similar goods. Deletions or addenda should then adapt the General Technical Specifications to the particular procurement.

Care must be taken in drafting specifications to ensure that they are not restrictive. In the specification of standards for equipment, materials, and workmanship, recognized Philippine and international standards should be used as much as possible. Where other particular standards are used, whether national standards or other standards, the specifications should state that equipment, materials, and workmanship that meet other authoritative standards, and which ensure at least a substantially equal quality than the standards mentioned, will also be acceptable. The following clause may be inserted in the Special Conditions of Contract or the Technical Specifications.

Sample Clause: Equivalency of Standards and Codes

Wherever reference is made in the Technical Specifications to specific standards and codes to be met by the goods and materials to be furnished or tested, the provisions of the latest edition or revision of the relevant standards and codes shall apply, unless otherwise expressly stated in the Contract. Where such standards and codes are national or relate to a particular country or region, other authoritative standards that ensure substantial equivalence to the standards and codes specified will be acceptable.

Reference to brand name and catalogue number should be avoided as far as possible; where unavoidable they should always be followed by the words "or at least equivalent." References to brand names cannot be used when the funding source is the GOP.

Where appropriate, drawings, including site plans as required, may be furnished by the Procuring Entity with the Bidding Documents. Similarly, the Supplier may be requested to provide drawings or samples either with its Bid or for prior review by the Procuring Entity during contract execution.

Bidders are also required, as part of the technical specifications, to complete their statement of compliance demonstrating how the items comply with the specification.

Technical Specifications

| Item | Specifications | Statement of Compliance |
|---|--|----------------------------|
| 1. Cadaver tank, 3 units and complies with the following specification: | ABC – Php 870,000.00 | |
| 1.1 | Automatic with accessory holders | |
| 1.2 | Dimension: Frame L196cm x W72cm x H99cm, Tank L184.5 x W62.5 x H49 depth, Bed L182cm x W61cm | |
| 1.3 | Frame - Made of stainless Steel Grade 304, 4x4cm, 2.0mm square tubes Full joint welding, Cover lid - Stainless Steel Grade 304, 1.2mm Sliding type and locks at a completely right angle (90°), Bed - Stainless Steel Grade 304, 1.5mm (Storage/Preservation purposes) Stainless Steel Grade 316, 1.5mm (Embalming purposes) Grooved/Slotted construction for good ingress and egress of preserving fluid, Tank - Stainless Steel Grade 304, 1.2mm (Storage/Preservation purposes) Stainless Steel Grade 316, 1.2mm (Embalming purposes) Seam-welded technology for no leak seal 3-degree base gradient for efficient drainage | |
| 1.4 | Cable system - 4mm 7 multistrand (IWRC) Stainless Steel Inox (CRES) wire 250 kg capacity, Pulley system Stainless Steel 304 with tiger bronze bushing, Operating screw Stainless Steel 304 with tiger bronze bushing, Drain system 3/4 ball valve heavy stainless-steel drain manual draining system with safety lock | |
| 1.5 | Motor Gear motor 200 watts 1800 rpm 12 volts 23 amperes with integrated Gear reduction box, Battery 4 Ah 18 volts which charge indicator, fast charging Lithium-ion rechargeable battery | |
| 1.6 | Switch Limit switch antistatic soft touch push button Heavy duty foot switch pedals | |
| 1.7 | Working mechanism Motorized with manual clutch override combined crank/gear/pulley operational system, Wheels Polyurethane caster swivel wheels with lock, 6 inches diameter 250 kg capacity | |
| 1.8 | Attachments Pole brackets Four sided quick-release attachment brackets, Stainless Steel 305 1.2 and 1.5mm plates One book/atlas stand, One | |

| instrument tray, One specimen/gadget tray Bespoke needs by special orders 1.10 With a two (2) years on-site warranty for any manufacturer's defect 2. Visualization table, 1 unit and complies with the following specification: 2.1 Allows access to 1,006 clinical cases (418 CT scan, 29 MRI, 521 Slide Microscopy, 17 OT, 8 Xray Angiography, 11 Ultrasound, 2 MG) using the Education Portal and Anatomy Software 2.2 SOFTWARE SPECIFICATION: • Has Secured cloud-based solution allowing the portability by being able to use it on different smart devices with instant deployment and should do back- ups and updates automatically. • The Cloud follow the standards ISO 27001/27002/27017 & 27018 for secure storage of images and should be encrypted during transport with 128-bit AES encryption. The service's "endpoints" should be only TLS / SSL and received A-grade in SSL Labs tests. • You can create intelligent cases lists based on filters where newly imported cases will accommodate automatically depending on the body part or modality. • It is capable of doing 3D reconstruction from CT and MRI clinical images through DICOM data reconstruction without any format conversion of the file. The users can import and save any modality data which includes but not limited to: CT, MRI, Ultrasound, Angiograms, Mammograms, and X-Rays. Once such files are imported, it should be instantly accessible from any smart device having access to the cloud. • It features a touch user interface as | | | |
|---|--|---|--|
| 2. Visualization table, 1 unit and complies with the following specification: 2.1 Allows access to 1,006 clinical cases (418 CT scan, 29 MRI, 521 Slide Microscopy, 17 OT, 8 Xray Angiography, 11 Ultrasound, 2 MG) using the Education Portal and Anatomy Software 2.2 SOFTWARE SPECIFICATION: • Has Secured cloud-based solution allowing the portability by being able to use it on different smart devices with instant deployment and should do back- ups and updates automatically. • The Cloud follow the standards ISO 27001/27002/27017 & 27018 for secure storage of images and should be encrypted during transport with 128-bit AES encryption. The service's "endpoints" should be only TLS / SSL and received A-grade in SSL Labs tests. • You can create intelligent cases lists based on filters where newly imported cases will accommodate automatically depending on the body part or modality. • It is capable of doing 3D reconstruction from CT and MRI clinical images through DICOM data reconstruction without any format conversion of the file. The users can import and save any modality data which includes but not limited to: CT, MRI, Ultrasound, Angiograms, Mammograms, and X-Rays. Once such files are imported, it should be instantly accessible from any smart device having access to the cloud. • It features a touch user interface as | | , , , | |
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| 1 unit and complies with the following specification: 2.1 Allows access to 1,006 clinical cases (418 CT scan, 29 MRI, 521 Slide Microscopy, 17 OT, 8 Xray Angiography, 11 Ultrasound, 2 MG) using the Education Portal and Anatomy Software 2.2 SOFTWARE SPECIFICATION: • Has Secured cloud-based solution allowing the portability by being able to use it on different smart devices with instant deployment and should do back- ups and updates automatically. • The Cloud follow the standards ISO 27001/27002/27017 & 27018 for secure storage of images and should be encrypted during transport with 128-bit AES encryption. The service's "endpoints" should be only TLS / SSL and received A-grade in SSL Labs tests. • You can create intelligent cases lists based on filters where newly imported cases will accommodate automatically depending on the body part or modality. • It is capable of doing 3D reconstruction from CT and MRI clinical images through DICOM data reconstruction without any format conversion of the file. The users can import and save any modality data which includes but not limited to: CT, MRI, Ultrasound, Angiograms, Mammograms, and X-Rays. Once such files are imported, it should be instantly accessible from any smart device having access to the cloud. • It features a touch user interface as | 1.10 | | |
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| scan, 29 MRI, 521 Slide Microscopy, 17 OT, 8 Xray Angiography, 11 Ultrasound, 2 MG) using the Education Portal and Anatomy Software 2.22 SOFTWARE SPECIFICATION: • Has Secured cloud-based solution allowing the portability by being able to use it on different smart devices with instant deployment and should do back- ups and updates automatically. • The Cloud follow the standards ISO 27001/27002/27017 & 27018 for secure storage of images and should be encrypted during transport with 128-bit AES encryption. The service's "endpoints" should be only TLS / SSL and received A-grade in SSL Labs tests. • You can create intelligent cases lists based on filters where newly imported cases will accommodate automatically depending on the body part or modality. • It is capable of doing 3D reconstruction from CT and MRI clinical images through DICOM data reconstruction without any format conversion of the file. The users can import and save any modality data which includes but not limited to: CT, MRI, Ultrasound, Angiograms, Mammograms, and X-Rays. Once such files are imported, it should be instantly accessible from any smart device having access to the cloud. • It features a touch user interface as | _ | Allows access to 1.006 clinical cases (418 CT | |
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| cloud-based solution allowing the portability by being able to use it on different smart devices with instant deployment and should do back- ups and updates automatically. • The Cloud follow the standards ISO 27001/27002/27017 & 27018 for secure storage of images and should be encrypted during transport with 128-bit AES encryption. The service's "endpoints" should be only TLS / SSL and received A-grade in SSL Labs tests. • You can create intelligent cases lists based on filters where newly imported cases will accommodate automatically depending on the body part or modality. • It is capable of doing 3D reconstruction from CT and MRI clinical images through DICOM data reconstruction without any format conversion of the file. The users can import and save any modality data which includes but not limited to: CT, MRI, Ultrasound, Angiograms, Mammograms, and X-Rays. Once such files are imported, it should be instantly accessible from any smart device having access to the cloud. • It features a touch user interface as | 2.2 | | |
| being able to use it on different smart devices with instant deployment and should do back- ups and updates automatically. • The Cloud follow the standards ISO 27001/27002/27017 & 27018 for secure storage of images and should be encrypted during transport with 128-bit AES encryption. The service's "endpoints" should be only TLS / SSL and received A-grade in SSL Labs tests. • You can create intelligent cases lists based on filters where newly imported cases will accommodate automatically depending on the body part or modality. • It is capable of doing 3D reconstruction from CT and MRI clinical images through DICOM data reconstruction without any format conversion of the file. The users can import and save any modality data which includes but not limited to: CT, MRI, Ultrasound, Angiograms, Mammograms, and X-Rays. Once such files are imported, it should be instantly accessible from any smart device having access to the cloud. • It features a touch user interface as | | | |
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| · · · · · · · · · · · · · · · · · · · | | well as a mouse/keyboard workspace support for | |
| advanced tools. The workspace should be | | = | |
| included in the software and be able to access it | | | |
| without the need of a separate computer or monitor (built-in). • It has touch interface and/or | | | |
| workspace with the facility of importing any | | | |
| DICOM images in dcm format, film clips in mpeg | | | |
| or avi format and documents in pdf format. • It | | | |
| allows to measure, cut in plane and sphere and | | - | |
| label structures in different colours in the 3D | | | |
| reconstruction without any additional program or | | | |

application. • The system can show 3D structures and 2D projection view (MPR) at the same time on the same screen. This view should allow to locate one point or coordinate in 3D structure and show it in the 2D projection view in the three planes simultaneously. • It gives a view of the three planes transverse, sagittal and coronal without any 3D model, with possibility of measurements, text annotations and multiplanar synchronization. • The interface presents a movable control/tool buttons for users to hand over commands to others in group discussions. • The cloud has an online import tool to import histology slides and save it to the cloud, making them accessible by any user, supporting the following formats: .ndpi, .tif, .tiff, .svs. In such a tool there should be the possibility to check the space left in the cloud to upload your own cases. Once such files are imported, it should be instantly accessible from any smart device having access to the cloud. • Embryology 3D Atlas based on real data from embryos with at least 14 stages, with visualization of all systems, measurement tables, the possibility to select different structures of the embryo, CT scan of each embryo, and slices of each embryo. • It allows linear measurement, text mark, polylines, orthogonal measurements, density areas, area, arrow, circle and ellipse and should allow to create/export URL linking for integration with virtual campus platform. • It is a web-based content guide with a selection of preferred cases to interact with, accessible from any device either Teacher or Student. • It provides access to an online tool to administrate the credentials to access the cloud, including the possibility to send emails to students with a link to activate the account to the cloud. • It allows to open the 3D volume and the MPR on the same screen and it localizes and synchronizes a point that has been touched in the 3D in the 3 planes and should add light/shadows from a customized angle in the 3D reconstruction. · It includes lessons and dissection guides that allow students to understand the anatomy with the interactive 3D volume at the same time as photos from the dissected areas. • It has a bookmarking feature allowing the Professor to prepare cases before the class and saving the work/bookmarks for a home access, homework or next class and should be able to segment structures from the 3D

clinical cases. All segmented bones should be able to be saved and retrieved without further processing. • It provides a fully labelled body atlas with at least 2000 body structures. • It has histology library with digitalized images from physical pathology slides, with at least the following tools: zoom, annotate, measure area and distance, synchronize images from same block, mitotic activity, KI67 cell counting. • It has histopathology library that englobes undergraduate normal curriculum, pathological and cytology curriculums with minimum over 500 cases. • It has a Software for surgery planning training that allows 3D visualization traumatology cases with at least the following functions: segmentation of fracture, surgical templates in 3D modelled, re-alignment of bones, rotation in all axis of segmented structures, individual fragment segmentation and coloring. • It has Cadaver Dissection Guide and embedded lessons with automatic link to colored anatomy models from a frozen cadaver. • Teachers and students can access to an extensive library of clinical cases that have been fully anonymized, including patient identifiers like the face, tattoos, medical record number etc. • The cloud contains high-resolution histology and cytology images that can be displayed in full screen and zoomed to microscopic resolution and can annotate. • Through the collaborative network, institutions can share and review cases and knowledge with other users, institutions around the world and also have a private space between departments of same Institute. • Teachers can access the library with full functionality to prepare content including 2D tools, 3D segmentation, renderings or possibility to change colours according to Hounsfield Units from a PC and it will be synchronized in real time in other devices like the table, or student accounts. • It can share the entire screen of the table with Zoom, Teams, Skype etc • It has a cloud for the Institution with at least 50 GB of space available and unlimited space in the public cloud space. • It has more than 50 cadaveric prosections. Each prosection should have also an explanatory video with voice narration and an explanatory PDF. • It has one MRI scan acquired at 7 Tesla • It can share screen with students through a secure viewer that also allows to ask for screen control. • Start time and

| 2.3 | response time of the system should be no longer than 10 seconds. • The software is certified according to CE regulations. HARDWARE SPECIFICATION: Operating System – Windows 64bit professional genuine OS, Processor – Core i7 processor, Memory – 16GB X DDR4, Graphics – RTX 2080 8GB Also includes Digital HISTOLOGY and | |
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| 2.5 | Pathology slides (Offline) | |
| | Includes transfer of technology | |
| 2.6 | Includes the product brochure | |
| 2.7 | With a five (5 years) on-site warranty including services | |
| 3. Physiology Pharmacology Teaching System, 1 set and complies with the following specification: | ABC – Php 5,500,000.00 | |
| 3.1 | Data Acquisition Unit, The data acquisition unit (DAQ) features 4 general purpose inputs (DIN), a dual Bio Amp, isolated stimulator, trigger input and an analog output (non-isolated). It also includes an I2C port for connection to ADInstruments' range of Front Ends. This features a durable aluminum enclosure and ships with a Stimulating Bar Electrode, Pulse Transducer, Shielded Bio Amp Cable, Shielded Lead Wires (5), BNC-DIN Smart Adapter (2), and BNC to DIN Cable (2m). It uses a USB interface for connection to Windows and has an aggregate sampling rate of 400k samples/s (100k samples/s per channel). The Bio Amp and Isolated Stimulator are certified safe for human connection, BF rated. General purpose inputs 3 & 4 are shared with the built-in dual Bio Amp. | |
| 3.2 | Physiology Accessory Kit, The Physiology Accessory Kit contains all the components required to perform standard physiology experiments using a teaching PowerLab. Includes: § Grip Force Transducer § Finger Pulse Transducer § Push Button Switch § Respiratory Belt § Reusable ECG Electrodes (3) § Dry Earth Strap § EEG Flat Electrodes (5) § Electrode Cream § Electrode Paste (3) § Abrasive Gel § Disposable ECG Electrodes (100) • Cardio | |

| | Microphone • Sphygmomanometer • 12-Lead ECG Switch Box • Tendon Hammer • Skin Temperature Probe • Thermistor Pod | |
|-----|--|--|
| 3.3 | Human Respiratory Kit, The Human Respiratory Kit allows recording and analysis of respiratory parameters such as minute ventilation and tidal volume along with the calculation of PIF, PEF, FVC and FEV1 using the LabChart Spirometry Extension (Win & Mac). The kit includes: § Spirometer Pod § Respiratory Flow Head § Student Disposable Respiratory Kit (5) § Clean Bore § Disposable Filters (50pcs) | |
| 3.4 | Nerve & Muscle Kit II, The Nerve and Muscle Kit II is ideal for conducting teaching experiments using isolated animal nerve, skeletal, smooth and cardiac muscle preparations. The Nerve and Muscle Kit II should include: KIT INCLUDES: • Teaching Force Transducer (0-500g) • Animal Nerve Stimulating Electrode • /B Nerve Chamber (includes a MLA270 Stimulator Cable, two MLA285 Differential Pod Input Cables) • Shielded Lead Wires (5 Micro-Hooks, 25cm) • Muscle Holder • Manipulator with Stand | |
| 3.5 | Advanced Pharmacology Kit, The Advanced Pharmacology Kit is ideal for student laboratories conducting isolated tissue and pharmacological experiments while maintaining high quality glassware. The dual heating system delivers improved temperature maintenance. The Hot Plate Universal and Circulation Pump can both run on 115V or 220V. The Kit contains: • Radnoti Student Tissue Bath (Dual Heating) • 25 mL Radnoti Single Tissue Organ Bath Chamber • Glass Tissue Hook for tissue strip samples • Glass "L" and Triangle Supports for tissue ring samples (<20 mm length) Radnoti transducer positioner, Dual heating temperature maintenance system, teaching force transducer (0-50g) | |
| 3.6 | Branded Laptop with installation of Lt Labstation license (perpetual licensed), Processor core i5, storage 512SSD, Memory 8GB, 15.6 display, Windows 11 operating system | |
| 3.7 | EXPERIMENTS THAT CAN BE PERFORMED ARE: • Human Physiology o Airflow o Autonomic Nervous System o Blood Counting o Blood Clotting o Blood Pressure o Breathing o Cardiovascular Effect of Exercise o Cardiorespiratory Effects of Exercise o | |

| | Introduction to Eitness Testing a Diving | |
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| | Introduction to Fitness Testing o Diving | |
| | Response o Electroencephalography o Endocrine | |
| | Physiology o Glucose Absorption o Heart & ECG | |
| | Lab o Heart & Peripheral Circulation o Heart | |
| | Sounds o Kidney & Urine o Mechanics of | |
| | Ventilation o Muscle & EMG o Peripheral Nerve | |
| | Function o Reflexes & Reaction Times o Sensory | |
| | Illusion o Sensory Physiology o Skeletal Muscle | |
| | Function o Brain Structures & Reflexes o Water | |
| | Balance • Animal Physiology o Earthworm | |
| | Smooth Muscle o Earthworm Action Potential o | |
| | | |
| | Frog Heart o Frog Nerve o Frog Neuromuscular | |
| | Junction o Frog Skeletal Muscle o Gin Trap | |
| | Closure Reflex • Pharmacology o Airway | |
| | Resistance o Chick Biventer Cervicis o | |
| | Mammalian Atria o Mammalian Diaphragm o | |
| | Mammalian Heart o Mammalian Jejunum o | |
| | Mammalian Uterus o Stimulated Ileum o | |
| | Stimulated Rat Vas Deferens o Toad Rectus | |
| | Abdominis o Unstimulated Ileum o Vascular | |
| | Resistance o Vascular Smooth Muscle | |
| 3.8 | Includes the product brochure | |
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| 3.9 | With a five (5 years) on-site warranty including | |
| | services | |
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| | Services | |
| 4. Binocular | Services | |
| | SCIVICES | |
| Biological Medical | | |
| Biological Medical Microscope, 30 units | ABC – Php 1,860,000.00 | |
| Biological Medical Microscope, 30 units and complies with the | | |
| Biological Medical Microscope, 30 units and complies with the following | | |
| Biological Medical Microscope, 30 units and complies with the following specification: | ABC – Php 1,860,000.00 | |
| Biological Medical Microscope, 30 units and complies with the following specification: 4.1 | ABC – Php 1,860,000.00 Optical System : Infinite optical system | |
| Biological Medical Microscope, 30 units and complies with the following specification: | ABC – Php 1,860,000.00 Optical System : Infinite optical system Viewing Head : Seidentopf Binocular Head, | |
| Biological Medical Microscope, 30 units and complies with the following specification: 4.1 | ABC – Php 1,860,000.00 Optical System : Infinite optical system Viewing Head : Seidentopf Binocular Head, 30°Inclined, Interpupillary Distance 47-78 mm, | |
| Biological Medical Microscope, 30 units and complies with the following specification: 4.1 | ABC – Php 1,860,000.00 Optical System : Infinite optical system Viewing Head : Seidentopf Binocular Head, | |
| Biological Medical Microscope, 30 units and complies with the following specification: 4.1 | ABC – Php 1,860,000.00 Optical System : Infinite optical system Viewing Head : Seidentopf Binocular Head, 30°Inclined, Interpupillary Distance 47-78 mm, ANTI-FUNGUS | |
| Biological Medical Microscope, 30 units and complies with the following specification: 4.1 4.2 | ABC – Php 1,860,000.00 Optical System : Infinite optical system Viewing Head : Seidentopf Binocular Head, 30°Inclined, Interpupillary Distance 47-78 mm, | |
| Biological Medical Microscope, 30 units and complies with the following specification: 4.1 4.2 | ABC – Php 1,860,000.00 Optical System : Infinite optical system Viewing Head : Seidentopf Binocular Head, 30°Inclined, Interpupillary Distance 47-78 mm, ANTI-FUNGUS Eyepiece : WF 10X/20mm with pointer, ANTI-FUNGUS | |
| Biological Medical Microscope, 30 units and complies with the following specification: 4.1 4.2 | ABC – Php 1,860,000.00 Optical System : Infinite optical system Viewing Head : Seidentopf Binocular Head, 30°Inclined, Interpupillary Distance 47-78 mm, ANTI-FUNGUS Eyepiece : WF 10X/20mm with pointer, ANTI-FUNGUS Nosepiece : Backward Quadruple Nosepiece, | |
| Biological Medical Microscope, 30 units and complies with the following specification: 4.1 4.2 | ABC – Php 1,860,000.00 Optical System : Infinite optical system Viewing Head : Seidentopf Binocular Head, 30°Inclined, Interpupillary Distance 47-78 mm, ANTI-FUNGUS Eyepiece : WF 10X/20mm with pointer, ANTI-FUNGUS Nosepiece : Backward Quadruple Nosepiece, Objective : Infinite Plan Achromatic Objectives | |
| Biological Medical Microscope, 30 units and complies with the following specification: 4.1 4.2 | ABC – Php 1,860,000.00 Optical System : Infinite optical system Viewing Head : Seidentopf Binocular Head, 30°Inclined, Interpupillary Distance 47-78 mm, ANTI-FUNGUS Eyepiece : WF 10X/20mm with pointer, ANTI-FUNGUS Nosepiece : Backward Quadruple Nosepiece, Objective : Infinite Plan Achromatic Objectives 4× NA: 0.10, W.D.: 17.3mm; 10× NA: 0.25, | |
| Biological Medical Microscope, 30 units and complies with the following specification: 4.1 4.2 | ABC – Php 1,860,000.00 Optical System: Infinite optical system Viewing Head: Seidentopf Binocular Head, 30°Inclined, Interpupillary Distance 47-78 mm, ANTI-FUNGUS Eyepiece: WF 10X/20mm with pointer, ANTI-FUNGUS Nosepiece: Backward Quadruple Nosepiece, Objective: Infinite Plan Achromatic Objectives 4× NA: 0.10, W.D.: 17.3mm; 10× NA: 0.25, W.D: 10mm; 40× NA: 0.65, W.D.: .54mm; | |
| Biological Medical Microscope, 30 units and complies with the following specification: 4.1 4.2 | ABC – Php 1,860,000.00 Optical System: Infinite optical system Viewing Head: Seidentopf Binocular Head, 30°Inclined, Interpupillary Distance 47-78 mm, ANTI-FUNGUS Eyepiece: WF 10X/20mm with pointer, ANTI-FUNGUS Nosepiece: Backward Quadruple Nosepiece, Objective: Infinite Plan Achromatic Objectives 4× NA: 0.10, W.D.: 17.3mm; 10× NA: 0.25, W.D: 10mm; 40× NA: 0.65, W.D.: .54mm; 100×Oil NA: 1.25, W.D.: 0.13mm, ANTI- | |
| Biological Medical Microscope, 30 units and complies with the following specification: 4.1 4.2 | ABC – Php 1,860,000.00 Optical System: Infinite optical system Viewing Head: Seidentopf Binocular Head, 30°Inclined, Interpupillary Distance 47-78 mm, ANTI-FUNGUS Eyepiece: WF 10X/20mm with pointer, ANTI-FUNGUS Nosepiece: Backward Quadruple Nosepiece, Objective: Infinite Plan Achromatic Objectives 4× NA: 0.10, W.D.: 17.3mm; 10× NA: 0.25, W.D: 10mm; 40× NA: 0.65, W.D.: .54mm; | |
| Biological Medical Microscope, 30 units and complies with the following specification: 4.1 4.2 | ABC – Php 1,860,000.00 Optical System: Infinite optical system Viewing Head: Seidentopf Binocular Head, 30°Inclined, Interpupillary Distance 47-78 mm, ANTI-FUNGUS Eyepiece: WF 10X/20mm with pointer, ANTI-FUNGUS Nosepiece: Backward Quadruple Nosepiece, Objective: Infinite Plan Achromatic Objectives 4× NA: 0.10, W.D.: 17.3mm; 10× NA: 0.25, W.D: 10mm; 40× NA: 0.65, W.D.: .54mm; 100×Oil NA: 1.25, W.D.: 0.13mm, ANTI- | |
| Biological Medical Microscope, 30 units and complies with the following specification: 4.1 4.2 | ABC – Php 1,860,000.00 Optical System: Infinite optical system Viewing Head: Seidentopf Binocular Head, 30°Inclined, Interpupillary Distance 47-78 mm, ANTI-FUNGUS Eyepiece: WF 10X/20mm with pointer, ANTI-FUNGUS Nosepiece: Backward Quadruple Nosepiece, Objective: Infinite Plan Achromatic Objectives 4× NA: 0.10, W.D.: 17.3mm; 10× NA: 0.25, W.D: 10mm; 40× NA: 0.65, W.D.: .54mm; 100×Oil NA: 1.25, W.D.: 0.13mm, ANTI-FUNGUS | |
| Biological Medical Microscope, 30 units and complies with the following specification: 4.1 4.2 | ABC – Php 1,860,000.00 Optical System: Infinite optical system Viewing Head: Seidentopf Binocular Head, 30°Inclined, Interpupillary Distance 47-78 mm, ANTI-FUNGUS Eyepiece: WF 10X/20mm with pointer, ANTI-FUNGUS Nosepiece: Backward Quadruple Nosepiece, Objective: Infinite Plan Achromatic Objectives 4× NA: 0.10, W.D.: 17.3mm; 10× NA: 0.25, W.D: 10mm; 40× NA: 0.65, W.D.: .54mm; 100×Oil NA: 1.25, W.D.: 0.13mm, ANTI-FUNGUS Focusing: Coaxial Coarse and Fine Adjustment, | |

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| 4.7 | Stage: Rackless Double Layers Mechanical Stage, 150mm×139mm, Moving Range 75mm×52mm Illumination: S-LED Illumination, Brightness Adjustment Power: 220VAC, 50/60Hz, Inclusive: Dust Cover, Fuse, Green Filter Package: 1pc/carton, 36*26*46mm, gross weight: 8kg | |
| 4.8 | Includes the product brochure | |
| 4.9 | With a two (2 years) on-site warranty including services | |
| 5. Trinocular Digital Biological Microscope, 1 unit and complies with the following specification: | ABC – Php 215,000.00 | |
| 5.1 | High contrast and sharp image with high quality optical system. • Low environment requirement with Anti-mould technology. • Comfortable operation with low position coarse and fine adjustment knobs. • ECO function that automatically turn off after 30 min of no use. • With cord rest on the back, making the working table clean and tidy. | |
| 5.2 | Optical System: Infinite Optical System Eyepiece: WF10x / 20mm, ANTI FUNGUS Viewing Head: Seidentopf Trinocular Head, inclined at 30°, Interpupillary 47-78mm ANTI FUNGUS Objective: Infinite Semi-Plan Achromatic Objectives 4×, 10×, 40×, 100× ANTI FUNGUS Nosepiece: Backward Quadruple Nosepiece Stage: RACKLESS Double Layers Mechanical Stage 150mm×139mm, Moving Range 75mm×52mm Condenser: Abbe Condenser NA1.25 Focusing: Coaxial Coarse and Fine Adjustment, Fine Division 0.002mm, Moving Range 25mm Illumination: S-LED Illumination | |
| 5.3 | 1 unit LC-7 HDMI Digital Microscope Camera, LC-7 HDMI Digital Camera (With Aptina MT9P031 Sensor) is a 1080P economic HDMI digital camera. LC-7 can be connected to an LCD monitor or HD TV via HDMI cable and operated independently without connecting to PC. The image/video capture and operate can be controlled by mouse, so no shaking when you take images and videos. It also can be connected | |

| | to a PC via USB2.0 cable and operate with the Capture 2.0 software. | |
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| 5.4 | Includes the product brochure | |
| 5.5 | With a two (2 years) on-site warranty including services | |
| 6. Prepared slides Histology set of 100 pcs, 2 sets and complies with the following specification: | ABC – Php 300,000.00 | |
| 6.1 | Epithelial tissue 1. HHS-01 Simple columnar epithelium of Human sec. 2. HHS-02 Simple cuboidal epithelium of Human sec. 3. HHS-03 Pseudostratified ciliated columnar epithelium of Human sec. 4. HHS-04 Simple columnar ciliated epithelium of Human sec. 5. HHS-05 Stratified squamous epithelium of Human sec. 6. HHS-06 Epithelium cells of cavitas oris of Human W.M. | |
| 6.2 | Connective tissue 7. HHS-07 Blood of Human smear (HE) 8. HHS-08 Blood of Human smear (stained with Giemsa) 9. HHS-09 Blood of Human A.B.O. smear 10. HHS-10 Loose connective tissue of Human sec. 11. HHS-11 Dense connective tissue of Human sec. 12. HHS-12 Adipose tissue of Human sec. 13. HHS-13 Hyaline cartilage of Human sec. 14. HHS-14 Fibrous cartilage of Human sec. 15. HHS-15 Elastic cartilage of Human sec. 16. HHS-16 Finger of Human L.S. 17. HHS-17 Human bone grinding W.M. 18. HHS-18 Hard bone of Human T.S. (thionin-picric acid staining) 19. HHS-19 Hard bone of Human L.S. (thionin-picric acid staining) 20. HHS-20 Human toe bone l.s. 21. HHS-21 Human red bone marrow smear. | |
| 6.3 | Muscular tissue 22. HHS-22 Smooth muscle isolated of Human W.M. 23. HHS-23 Skeletal muscle of Human T.S.and L.S. (hematoxylin staining) 24. HHS-24 Skeletal muscle of Human T.S.and L.S. (H.E. Staining) 25. HHS-25 Skeletal muscle isolated of Human W.M. 26. HHS-26 Cardiac muscle of Human sec. (hematoxylin staining) | |
| 6.4 | Nervous system 27. HHS-27 Spinal cord of Human T.S. 28. HHS-28 Spinal ganglion of Human sec. 29. HHS-29 Tactile corpuscle of Human sec. 30. HHS-30 Lamellar corpuscle of | |

| | Human sec. 31. HHS-31 Cerebrum of Human sec. (silver staining) 32. HHS-32 Cerebrum of Human sec. (HE) 33. HHS-33 Cerebellum of Human sec. (silver staining) 34. HHS-34 Cerebellum of Human sec. (HE) | |
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| 6.5 | Circulation system 35. HHS-35 Heart of Human sec. 36. HHS-36 Cardiac muscle of Human sec. 37. HHS-37 Cardiac valve of Human sec. 38. HHS-38 Human Medium-sized artery and vein sec. 39. HHS-39 Large artery of Human sec. 40. HHS-40 Large vein of Human sec. 41. HHS-41 Human Heart sec. (showing Purkinje cell) | |
| 6.6 | Immune system 42. HHS-42 Lymphoid node of Human sec. 43. HHS-43 Spleen of Human sec. 44. HHS-44 Thymus of Human sec. 45. HHS-45 Palatine tonsil of Human sec. | |
| 6.7 | Endocrine system 46. HHS-46 Thyroid gland of Human sec. 47. HHS-47 Parathyroid gland of Human sec. 48. HHS-48 Adrenal gland of Human sec. 49. HHS-49 Human Pituitary sec. | |
| 6.8 | Digestive system 50. HHS-50 Liver of Human sec. (show bile canaliculus of liver) 51. HHS-51 Human tooth l.s. 52. HHS-52 Tongue of Human L.S. (show internal structure) 53. HHS-53 Oesophagus of Human T.S. 54. HHS-54 Stomach of Human T.S. 55. HHS-55 Gastric section of stomach of Human sec. 56. HHS-56 Small intestine of Human T.S. 57. HHS-57 Small intestine of Human L.S. 58. HHS-58 Jejunum of Human sec. 59. HHS-59 Duodenum of Human sec. 60. HHS-60 Ileum of Human sec. 61. HHS-61 Colon of Human sec. 62. HHS-62 Vermiform appendix of Human sec. 63. HHS-63 Large intestinal of Human L.S. 64. HHS-64 Large intestinal of Human sec. 66. HHS-66 Submandibular gland of Human sec. 67. HHS-67 Salivary gland of Human sec. 68. HHS-68 Sublingual gland of Human sec. 69. HHS-69 Liver of Human sec. 70. HHS-70 Gall Bladder of Human sec. | |
| 6.9 | Respiratory system 71. HHS-71 Trachea of Human T.S. 72. 73. 74. HHS-72 Trachea of Human L.S. HHS-73 Human Lung sec. HHS-74 Epiglottic cartilage of Human sagittal section | |
| 6.10 | Urinary system 75. HHS-75 Urinary bladder of Human 76. 77. 78. HHS-76 Kidney of Human sec. HHS-77 Ureter of Human T.S. HHS-78 Kidney of Human through renal cortex T.S. | |

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| 6.11 6.12 | Genital system 79. HHS-79 Testis of Human sec. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. HHS-80 Spermatozoon of Human smear. HHS-81 Epididymis of Human sec. HHS-82 Prostate of Human sec. HHS-83 Ductus deferens of Human sec. HHS-84 Glandula vesiculosa of Human sec. HHS-85 Penis of Human sec. (infant) HHS-86 Human Uterus (proliferative phase) sec. HHS-87 Human Uterus (secretory phase) sec. HHS-88 Uterine cervix of Human sec. HHS-89 Oviduct of Human T.S. HHS-90 Ampulla of uterine tube of Human T.S. HHS-91 Vagina of Human sec. HHS-92 Human mammary gland (active phase) sec. HHS-93 Placenta of Human sec. HHS-94 Umbilical cord of Fetus T.S. HHS-95 Human Corpus luteum sec. Sensory organs 96. HHS-96 Skin of Human (show hair follicle) sec. 97. 98. 99. HHS-97 Human Eyelid sec. HHS-98 Human Eyeball sec. HHS-99 Skin of Human (show stratum corneum) sec. 100. HHS-100 Hair of Human W.M. | |
| 7. Prepared slides Microbiology set of 50pcs, 2 sets and complies with the following specification: | ABC – Php 300,000.00 | |
| 7.1 | 1.Fungi MI-01 Penicillium w.m. MI-02 Aspergillus w.m. MI-03 Actinomycets w.m. MI-04 Rhizopus nigrocans w.m. MI-05 Saccharomyces w.m. MI-06 Macroconidia w.m. MI-07 Microconidia w.m. MI-08 Septa hypha w.m. MI-09 Nonseptate hypha w.m. | |
| 7.2 | 2.Bacteria MI-10 Bacteria three types smear Staphylococcus, Pseudonmonas and Spirillum smear | |
| 7.3 | 3.Coccus MI-11 Candida albicans Smear MI-12 Terads smear MI-13 Sarcina smear MI-14 Staphylococcus aureus smear MI-15 Pneumococcus smear MI-16 Group A Streptococcus smear MI-17 Group B Streptococcus smear MI-18 Branhamella catarrhalis smear MI-19 Neisseria gonorrhoeae smear MI-20 Cryptococcus neoformans smear | |
| 7.4 | 4.Bacillus MI-21 Escherichia coli smear MI-22 Pseudomonas aeruginosa smear MI-23 Typhoid Bacilli smear MI-24 Dysentery bacillus smear | |

| | MI-25 Neisseria meningitidis smear MI-26 Brucella abortus smear MI-27 Salmonella smear MI-28 Proteus smear MI-29 Bacillus anthracis smear MI-30 Perlschnurtest smear MI-31 Corynebacterium diphtheriae smear MI-32 Clostridium tetani smear MI-33 Clostridium botulinum smear MI-34 Bacillis cereus smear MI-35 Bacillus subtilis smear MI-36 Lactobacillus smear MI-37 Bacterium rhusiopathiae suis smear MI-38 Bordetetella pertrussis smear MI-39 Bifidobacterium smear MI-40 Mycobacterium tuberculosis smear MI-41 Clostridium perfringens smear MI-42 Bacterium pestis smear | |
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| 7.5 | 5.Special structure MI-43 Endospore smear MI-44 Capsule smear MI-45 Single Polar flagella smear MI-46 Peritrichous flagella smear MI-47 Lophotrichous smear | |
| 7.6 | 6.Spirillar bacterium MI-48 Vibrio cholerae smear MI-49 Helicobacter pylori smear MI-50 Leptospira w.m. | |
| 8. Prepared slides Parasitology set of 50pcs, 2 sets and complies with the following specification: | ABC – Php 479,800.00 | |
| 8.1 | 1. Fasciola hepatica, wm 2. Fasciola hepatica, ova 3. Entamoeba coli, troph, wm 4. Endolimax nana, cysts, smear 5. Giardia lamblia, cysts, wm 6. Trichomonas vaginalis, sm 7. Trypanosoma cruzi, blood, wm 8. Leishmania tropica major, sm 9. Balantidium coli, cysts, wm 10. Balantidium coli, trophs, wm | |
| 8.2 | 11. Plasmodium falciparum, smear 12. Ascaris lumbricoides ova, wm 13. Enterobius vermicularis, wm 14. Ancylostoma caninum female wm 15. Necator americanus ova, wm 16. Trichinella spiralis, female, wm 17. Diphyllobothrium ova, wm ₱479,800.00 18. Taenia saginata, mature, cs 19. Dipylidium caninum, comp, wm 20. Trichuris trichiura – adult worm (female) | |
| 8.3 | 21. Trichuris trichiura — ovum 22. Trichinella spiralis — ova 23. Enterobius vermicularis — ova 24. Fasciolopsis buski ova 25. Clonorchis sinensis ova 26. Schistosoma mansoni, male 27. | |

| 8.4 | Schistosoma mansoni female 28. Diphyllobothrium latum ova 29. Taenia saginata ova 30. Dipylidium caninum, scolex, w.m 31. Dipylidium caninum, comp, w.m 32. Trichomonas Vaginalis 33. Giardia lamblia, Trophozoite 34. Trypanosoma gambiense 35. Leishmania (donovani), Trypomastigote 36. Ceratium 37. Taenia solium, ova in faeces w.m. 38. Leishmania donovani, amastigote, smear causes kala-azar, 39. Trichomonas vaginalis, smear 40. Entamoeba histolytica cyst, smear | |
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| 8.5 | 41. Entamoeba histolytica trophozoites, smear 42. Plasmodium vivax blood smear 43. Toxoplasma gondii smear with parasites 44. Angiostrongyloides Cantonensis, Adult Female w.m 45. Eggs of schistosoma japonicum w.m. 46. Cercaria of schistosoma japonicum w.m. 47. Miracidium of schistosoma japonicum w.m. 48. Schistosoma japonicum, adult male w.m. 49. Schistosoma japonicum, adult female w.m. 50. Schistosoma japonicum, adult female in copula w.m. | |
| 9. Prepared slides Pathology set of 100pcs, 2 sets and complies with the following specification: | ABC – Php 360,000.00 | |
| 9.1 | A. Injury and repair of cell and tissue 1. HSHP010010 Human myocardial hypertrophy sec. 2. HSHP010030 Squamous metaplasia of bronchus sec. 3. HSHP010050 Human liver cell fatty degeneration sec. 4. HSHP010110 Human fibrinoid degeneration sec. 5. HSHP010130 Liquefactive Necrosis of Brain sec. 6. HSHP010140 Human granulation tissue sec. 7. HSHP010160 Human bronchiectasis sec. | |
| 9.2 | B. Disturbances of Blood circulation 8. HSHP020010 Chronic pulmonary congestion of the lung sec. 9. HSHP020050 Hemorrhagic infarct of lung sec. 10. HSHP020070 Pulmonary edema sec. 11. HSHP020080 Human thrombus sec. | |
| 9.3 | C. Diseases of Immunity 12. HSHP030020 Human Necrotizing lymphadenitis sec. 13. HSHP030030 Malignant lymphoma sec. 14. HSHP030040 Lymph node tuberculosis sec. 15. | |

| | HSHP030050 Metastatic carcinoma of lymph node sec. | |
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| 9.4 | D. Inflammation 16. HSHP040010 Fibrinous pleurisy sec. 17. HSHP040020 Phlegmon of appendix sec. 18. HSHP040030 Liver abscess sec. 19. HSHP040050 Granuloma sec. 20. HSHP040070 Lung abscess sec. 21. HSHP040080 Chronic glomerulonephritis sec. 22. HSHP040090 Chronic pyelonephritis sec. 23. HSHP040100 Human aortitis sec. 24. HSHP040110 Rheumatic endocarditis sec. 25. HSHP040120 Bacterial myocarditis sec. | |
| 9.5 | E. Tumor 26. HSHP050020 Polypous adenoma of intestine sec. | |
| 9.6 | F. Diseases of Cardiovascular System 27. HSHP060010 Atherosclerosis sec. 28. HSHP060030 Angioma sec. | |
| 9.7 | F. Diseases of Cardiovascular System 27. HSHP060010 Atherosclerosis sec. 28. HSHP060030 Angioma sec. | |
| 9.8 | G. Diseases of Respiratory System 29. HSHP070010 Squamous cell carcinoma of nasopharynx sec. 30. HSHP070020 Chronic bronchitis sec. 31. HSHP070030 Diffuse pulmonary emphysema sec. 32. HSHP070050 Lobar pneumonia (red liver period) sec. 33. HSHP070060 Lobar pneumonia (grey liver period) sec. 34. HSHP070070 Bronchial pneumonia (lobular pnermonia) sec. 35. HSHP070090 Silicosis sec. | |
| 9.9 | H. Disease of Digestive System 36. HSHP080010 Esophagus cancer sec. 37. HSHP080040 Chronic atrophic gastritis sec. 38. HSHP080050 Chronic gastric ulcer sec. 39. HSHP080060 Adenocarcinoma of stomach sec. 40. HSHP080070 Acute simple appendicitis sec. 41. HSHP080100 Carcinoid of colon sec. 42. HSHP080120 Intestinal cancer sec. 43. HSHP080140 Chronic active hepatitis sec. 44. HSHP080170 Alcoholic hepatitis sec. 45. HSHP080180 Laennec's cirrhosis sec. 46. HSHP080190 Liver cancer sec. 47. HSHP08024 Hepatic congestion sec. | |
| 9.10 | I. Diseases of Haemopoietic System 48. HSHP090010 Non-Hodgkin lymphoma sec. 49. HSHP090020 Hodgkin lymphoma sec. | |
| 9.11 | J. Diseases of Urinary System 50. HSHP100020 Diffuse sclerosing glomerular nephritis sec. 51. | |

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| | HSHP100040 Renal clear cell carcinoma sec. 52. HSHP100050 Wilms' tumor sec. 53. HSHP100060 Transitional cell carcinoma of bladder (1st-degree) sec. 54. HSHP100090 Kidney stone w.m | |
| 9.12 | K. Disease of Genital System 55. HSHP110020 Carcinoma in-situ of cervix sec. 56. Ovarian Yolk | |
| | Sac Tumor sec. 57. Endometrial Leiomyoma sec. 58. HSHP110030 Cervical squamous cancer sec. | |
| | 59. HSHP110040 Adenocarcinoma of cervix sec. | |
| | 60. HSHP110050 Endometrial hyperplasia sec.61. HSHP110070 Adenocarcinoma of | |
| | endometrium sec. 62. HSHP110080 Choriocarcinoma sec. 63. HSHP110090 Papillary | |
| | adenofibroma of ovary sec. 64. HSHP110100 | |
| | Mucous cystadenofibroma of ovary sec. 65. HSHP110110 Endodermal sinus tumor sec. 66. | |
| | HSHP110160 Invasive ductal carcinoma sec. 67. HSHP110140 Medullary carcinoma of breast sec. | |
| | 68. HSHP110150 Seminoma sec. 69. | |
| | HSHP110160 Congenital agenesis of testis (47, XXYtype) 70. HSHP110170 Prostatic | |
| | cancer (well-differentiated) 71. HSHP110280 | |
| | Teratoma sec. 72. HSHP110180 Prostatic cancer (poorly differentiated) 73. HSHP110190 Breast | |
| | cancer sec. 74. HSHP110200 Hydatidiform mole sec. 75. HSHP110210 Polyp of cervix sec. 76. | |
| | HSHP110230 Ovarian cyst sec. 77. HSHP110240 | |
| | Chronic endometritis sec. 78. HSHP110250 Pointed condyloma sec. | |
| 9.13 | L. Diseases of Endocrine System 79. | |
| | HSHP120010 Endemic goiter sec. 80. HSHP120040 Papillary adenocarcinoma of | |
| | thyroid gland sec. 81. HSHP120050 Follicular adenocarcinoma sec. 82. HSHP120060 Adrenal | |
| | cortical adenomas sec. 83. HSHP120030 Thyroid | |
| | adenocarcinoma sec. 84. SHPI40040 Chondrosarcoma sec. 85. HSHP110270 | |
| | Adenomyosis sec. 86. Adrenal Pheochromocytoma sec. 87. HSHP120070 | |
| | Adrenal cortical carcinoma sec. 88. HSHP120080 | |
| | Hypophyseal adenoma sec. 89. HSHP120090 Simple goiter sec. 90. HSHP120100 Fibrous | |
| | thyroiditis sec. 91. HSHP120110 Thyroid adenocarcinoma sec. | |
| 9.14 | L. Diseases of Endocrine System 79. | |
| | HSHP120010 Endemic goiter sec. 80. HSHP120040 Papillary adenocarcinoma of | |
| | thyroid gland sec. 81. HSHP120050 Follicular | |

| | 00 770777100000 | |
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| | adenocarcinoma sec. 82. HSHP120060 Adrenal cortical adenomas sec. 83. HSHP120030 Thyroid adenocarcinoma sec. 84. SHPI40040 Chondrosarcoma sec. 85. HSHP110270 Adenomyosis sec. 86. Adrenal Pheochromocytoma sec. 87. HSHP120070 Adrenal cortical carcinoma sec. 88. HSHP120080 Hypophyseal adenoma sec. 89. HSHP120090 Simple goiter sec. 90. HSHP120100 Fibrous thyroiditis sec. 91. HSHP120110 Thyroid adenocarcinoma sec. | |
| 9.15 | M. Diseases of Nervous System 92. HSHP130010 Purulent meningitis sec. 93. HSHP130020 Epidemic encephalitis B sec. 94. HSHP130030 Meningeoma sec. 95. HSHP130040 Neurinoma sec. 96. HSHP130050 Neurofibroma sec. 97. HSHP130060 Neuroastrocytoma sec. | |
| 9.16 | N. Diseases of Muscular and Skeletal System 98. HSHP140010 Osteochondroma sec. 99. HSHP140020 Osteogenic sarcoma sec. 100. HSHP140030 Giant cell tumor of bone sec. | |
| 10. Skeleton Model with Muscle and Ligaments, 1 unit and complies with the following | ABC – Php 186,200.00 | |
| specification: | Weight: 10.348 kg/12.133 kg Dimensions: 176.5 | |
| | | |
| 10.2 | cm/192.5 cm 3 part assembled skull • Individually inserted teeth • Limbs can be removed quickly and easily | |
| 10.2 | 3 part assembled skull • Individually inserted | |
| | 3 part assembled skull • Individually inserted teeth • Limbs can be removed quickly and easily Can demonstrate the movements of the skull via the head joints, fully flexible spine, can adjust the model to place it in natural body postures. unique combination of muscle origins and insertions, the numbered bones, flexible ligaments and flexible spine with a slipped disc between the 3rd and 4th lumbar vertebrae clearly the show medical and anatomical interest of this top model's more than | |

| 10.6 | Include the product brochure | |
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| 10.7 | With a two (2) years on-site warranty for any manufacturer's defect | |
| | | |
| 11. Classic brain in 5 part, 1 unit and complies with the following specification: | ABC – Php 112,000.00 | |
| 11.1 | Midsagittally sectioned model of an original anatomic cast of a real human brain. The components of the brain's left half are: with magnets for easy viewing and hands on learning - Frontal and parietal lobe - Temporal and occipital lobe ü Encephalic trunk - Cerebellum | |
| 11.2 | | |
| 11.3 | Classic brain tool for education on the human nervous system and anatomy of the brain. The model delivered on a removable base for easy display in the classroom | |
| 11.4 | Include the product brochure | |
| 11.5 | With a two (2) years on-site warranty for any manufacturer's defect | |
| | | |
| 12. Human Hearth Model, 1 unit and complies with the following specification: | ABC – Php 130,000.00 | |
| 12.1 | It must be shows the anatomy of the human heart and is horizontally sectioned at the level of the valve plane. The following parts can be removed from heart: ° Esophagus ° Trachea ° Superior vena cava ° Aorta ° Front heart wall ° Upper half of the heart | |
| 12.2 | Weight: 1.17 kg Dimensions: 20 x 15 x 17 cm | |
| 12.3 | High-quality model clearly shows over 30 different anatomical regions in the heart. Comes with product manual for easy identification of anatomical features. Supplied on base. | |
| 12.4 | Include the product brochure | |
| 12.5 | With a two (2) years on-site warranty for any manufacturer's defect | |
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| complies with t following specification: | ABC – Php 95,000.00 B.1 Full size lung model with normal cut-away of | |
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| | right side of lung shows bronchus, arteries, vein, two lymph nodes, bronchial passages and trachea bifurcation. Model size: 6.25 x 5.5x 8.25" Base: 6.5 x 5" Weight: 0.5 kg | |
| 1. | 3.2 Include the product brochure | |
| 1. | With a two (2) years on-site warranty for any manufacturer's defect | |
| 1 / | • | |
| _ | Suprarenal glands, the outgoing ureters, the renal vessels and the large vessels situated close to the kidneys in natural size. The front half of the right kidney can be removed to reveal the renal pelvis, the renal calices, the renal cortex and the renal medulla of the human kidney. High-quality model tool for demonstrating the anatomy of the human kidney. | |
| 10 | 1.2 Weight: 0.8 kg Dimensions: 21x18x28 cm | |
| 1 | The anatomy kidney model must delivered on stand. | |
| 10 | Include the product brochure | |
| 1 | With a two (2) years on-site warranty for any manufacturer's defect | |
| Bladder, 1 unit a | all | |
| 1. | The realistic model must shows the anatomy of the liver and gall bladder. The Liver with gall bladder shows: ° 4 lobes with gall bladder ° Extrahepatic ducts ° Hilus vessels | |

| 15.2 | Weight: 0.49 kg Dimensions: 18 x 18 x 12 cm | |
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| 15.3 | The high-quality liver with gallbladder replica must be delivered on removable stand. | |
| 15.4 | Include the product brochure | |
| 15.5 | With a two (2) years on-site warranty for any manufacturer's defect | |
| | | |
| 16. Deluxe Dual Sex Human Muscle, 2 units and complies | ABC – Php 990,000.00 | |
| with the following specification: | | |
| 16.1 | Torso model, 31 part | |
| 16.2 | Weight: Dimensions:: 11.024 kg 87 x 38 x 25 cm | |
| 16.3 | The following parts are removable from this remarkable torso: * 6-part head * Chest and abdominal wall with muscles * 7th thoracic vertebra * Female mammary gland * Gluteus maximus and deltoid muscle * 2 lungs * 2-part heart * 2-part stomach * Liver with gall bladder * 4-part intestinal tract * Front half of kidney * 3-part female genital insert with fetus * 4-part male genital insert | |
| 10.4 | The deluxe dual-sex torso must complete as a tool for human anatomy education with the 3B Torso Guide. All the organs are hand painted for a quality product. Human anatomy educational tool makes learning the location of the human organs easy. | |
| 16.5 | Include the product brochure | |
| 16.6 | With a two (2) years on-site warranty for any manufacturer's defect | |
| 17. Visualizer, 1 unit and complies with the following specification: | ABC – Php 250,000.00 | |
| 17.1 | Image Sensor: 12M 1/2.3" Optical Zoom: 12x Digital Zoom: 16x Total Zoom: 192x Lens / Aperture: F=3.2-3.8 Auto focus: One-Push / Manual Shooting Area: Max. 430x319mm, Min. 53.6x40.3mm (4:3) Max. 469x259mm, Min. 58.5x33mm (16:9) Focal Range: WIDE: 50mm~ TELE: 200mm~ | |
| | Vertical 1600TV (4K) USB (MJPEG) | |

| 17.3 | 3840x2160@30fps 1920x1080@60fps HDMI 4K/30fps,1080P/60fps, 720p/60fps RGB 1080P/XGA Simultaneous output (USB/HDMI/RGB Yes Miracast Yes (Max. 1080p) Built-in Microphone Yes Audio Selection (1) Microphone related Input: Built-in microphone / External microphone and line input are used together Output: Line output (2) HDMI audio: HDMI output of external HDMI input audio only. No output of camera image | |
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| 17.4 | audio With software selection, OSD View | |
| | HDMI/RGB/USB Start Up Time Approx. 15 sec. Classroom Support Functions Highlight / Mask / Microscope / Compare Picture / PinP Image Rotation 0°/90°/180° / Mirror / Flip Drawing Fucntion Mouse / CRA-2 / CRB-3 LED Lighting Yes | |
| 17.5 | Recording save locations (1) USB flash drive (still images/video) (2) SD card (still image/video) (3) Internal memory (still images) Priority: USB memory > SD card > Internal storage Record / Playback SD Card Resolution Up to 4K (8 to 4 Mbps) Built-in microphone sound is included in video. Video recording is not possible during USB image output. | |
| 17.6 | Input External 3.5mm Stereo Mini Jack x 1 Microphone VGA D-sub (Passthrough) HDMI HDMI Type A (Passthrough) USB host USB2.0 TypeA x 1 USB Memory Output USB Device USB2.0 TYPE C (UVC/UAC) VGA D-sub (Passthrough) HDMI HDMI Type A (Passthrough) Line Out 3.5mm Stereo Mini Jack x 1 | |
| 17.7 | SD Card Max32GB (FAT32) Wi-Fi Radio Bandwidth 2.4/5GHz Remote Control Yes Power Supply Voltage 12V DC Jack Power Consumption 21.6W Weight (Main Unit Only) | |
| 17.8 | Includes the product brochure | |
| 17.9 | With a five (5 years) on-site warranty including services | |
| 18. Thyroid and Parathyroid glands, 1 unit and complies with the following specification: | ABC – Php 110,000.00 | |

| 18.1 18.2 18.3 | The product must be a color 3D printed model of the throat and thyroid, parathyroid glands. Structural data must be based on high-definition digital human models, mainly showcasing the morphology and location of the thyroid and parathyroid glands. Main structures: Thyroid lobes, Thyroid isthmus, Superior parathyroid glands, Inferior parathyroid glands. adult male Dimension: 72mm×52mm×115mm Include the product brochure | |
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| 18.4 | With a two (2) years on-site warranty for any manufacturer's defect | |
| 19. Brainstem nuclei, 1 unit and complies with the following specification: | ABC – Php 81,000.00 | |
| 19.1 | Full-color 3D printed model of brainstem nerve nuclei. structural data is based on a high-definition digital human model. It mainly shows the position and morpholog y of brainstem nerve nuclei and some non brain nerve nuclei in the brainstem, cross-sectional structures of the superior and inferior colliculi of the midbrain, the middle and upper pons, and the upper, middle, and lower planes of the medulla oblongata. Among them, the shape of the brainstem is printed in a semi-transparent manner. | |
| 19.2 | Main structures: oculomotor nucleus, accessory nucleus of oculomotor nerve, trochlear nucleus, mesencephalic nucleus of trigeminal nerve, pontine nucleus of trigeminal nerve, spinal nucleus of trigeminal nerve, motor nucleus of trigeminal nerve, abducens nucleus, facial nucleus, cochlear nucleus, vestibular nucleus, superior salivatory nucleus, inferior salivatory nucleus, ambiguus, solitary tract nucleus, dorsal nucleus of vagus nerve, accessory nucleus, hypoglossal nucleus, red nucleus, substantia nigra, inferior olive nucleus, fasciculus gracilis, cuneiform nucleus | |
| 19.3 | Adult male 85mm×58mm×136mm | |
| 19.4 | Include the product brochure | |
| 19.5 | With a two (2) years on-site warranty for any manufacturer's defect | |
| | | |

| 20. Extraocular muscles, 1 unit and complies with the following specification: | ABC – Php 99,000.00 | |
|--|---|--|
| 20.1 | Color 3D printed model of the extraocular muscles. structural data is based on a high-definition digital human model, and mainly displays the structures of the eyeball and extraocular muscles. | |
| 20.2 | palpebrae superioris, medial rectus, lateral rectus, superior rectus, inferior rectus, superior oblique, inferior oblique | |
| 20.3 | Adult male 100mm×67mm×65mm | |
| 20.4 | Include the product brochure | |
| 20.5 | With a two (2) years on-site warranty for any manufacturer's defect | |
| | | |
| 21. Bony labyrinth and Membranous labyrinth, 1 unit and complies with the following specification: | ABC – Php 123,000.00 | |
| 21.1 | Color 3D printed model of the inner ear. Its structural data is based on a high-definition digital human model, mainly showing the bony labyrinth and membranous labyrinth, as well as structures such as the cochlear nerve root and the vestibular nerve root. Among them, the bony labyrinth is printed in translucent form. | |
| 21.2 | Main structures: bony semicircular canals, vestibule, cochlea, membranous semicircular canals, utricle, saccule, saccule duct, endolymphatic duct, endolymphatic sac, commissural duct, cochlear duct, cochlear nerve root, vestibular nerve root | |
| 21.3 | Adult male 99mm*69mm*80mm | |
| 21.4 | Include the product brochure | |
| 21.5 | With a two (2) years on-site warranty for any manufacturer's defect | |
| 22. The Vestibulocochlear apparatus, 1 unit and | ABC – Php 133,000.00 | |

| complies with the | | |
|----------------------|--|--|
| following | | |
| specification: | | |
| 22.1 | Color 3D printed model of the vestibulocochlear | |
| | apparatus. structural data is based on a high- | |
| | definition digital human model, mainly showing | |
| | the structures of the outer ear, middle ear, inner | |
| | ear, etc. | |
| 22.2 | Main structures: auricle, external auditory canal, | |
| | tympanic membrane, ossicles, vestibule, | |
| | semicircular canals, cochlea, cochlear nerve root, | |
| | vestibular nerve root, facial nerve, internal carotid | |
| 22.2 | artery | |
| 22.3 | Adult male 97mm×45mm×63mm | |
| 22.4 | Include the product brochure | |
| 22.5 | With a two (2) years on-site warranty for any | |
| | manufacturer's defect | |
| | | |
| 23. Blastocyst | | |
| development process, | A.D.C. Dis.: 229,000,00 | |
| 1 unit and complies | ABC – Php 228,000.00 | |
| with the following | | |
| specification: | Embayonia aga 1.5 daya | |
| | Embryonic age 1-5 days | |
| 23.2 | 1-day-old embryo: fertilized egg, covered with | |
| | zona pellucida. Blastocyst size: 0.2mm 2-day-old embryo: 2-cell stage, composed of two | |
| | blastomeres, covered with zona pellucida, 2~3 | |
| | polar bodies can be seen. Blastocyst size: 0.2mm | |
| | 3-day-old embryo: morula, composed of about 16 | |
| | blastomeres, shaped like mulberry, covered with | |
| | zona pellucida. Blastocyst size: 0.2mm 4-day-old | |
| | embryo: blastocyst, also known as blastocyst, | |
| | trophoblast surrounds the blastocyst cavity, one | |
| | end of the cavity has inner cell mass, and the | |
| | blastocyst is surrounded by zona pellucida. | |
| | Blastocyst size: 0.2mm 5-day-old embryo: | |
| | blastocyst without zona pellucida. Blastocyst | |
| | size: 0.25mm | |
| 23.3 | Dimension 260mm×73mm×48mm | |
| 23.4 | Include the product brochure | |
| 23.5 | With a two (2) years on-site warranty for any | |
| | manufacturer's defect | |
| | | |
| 24. Structure of the | ABC – Php 133,000.00 | |
| eye, 1 unit and | r, | |

| complies with the following specification: | the | | |
|--|-----|---|--|
| 24 | 4.1 | The eyeball must be cut horizontally to reveal the cross-sectional structure. The structural color 3D printed model, structural data is based on the high-definition digital human model, mainly displays the structures of the various layers of the eyeball wall and the contents of the eyeball. | |
| 24 | 4.2 | Adult male 64mm×67mm×37mm | |
| 24 | 4.3 | Main structures: sclera, cornea, choroid, ciliary body, iris, retinal visual part, retinal blind part, lens, vitreous body, posterior ciliary artery, posterior ciliary artery, anterior ciliary artery, iris artery large ring, iris artery small ring, vortex vein | |
| 24 | 4.4 | Include the product brochure | |
| 24.5 | | With a two (2) years on-site warranty for any manufacturer's defect | |
| | | | |

Section VIII. Checklist of Technical and Financial Documents

Notes on the Checklist of Technical and Financial Documents

The prescribed documents in the checklist are mandatory to be submitted in the Bid, but shall be subject to the following:

- a. GPPB Resolution No. 09-2020 on the efficient procurement measures during a State of Calamity or other similar issuances that shall allow the use of alternate documents in lieu of the mandated requirements; or
- b. Any subsequent GPPB issuances adjusting the documentary requirements after the effectivity of the adoption of the PBDs.

The BAC shall be checking the submitted documents of each Bidder against this checklist to ascertain if they are all present, using a non-discretionary "pass/fail" criterion pursuant to Section 30 of the 2016 revised IRR of RA No. 9184.

Checklist of Technical and Financial Documents

I. TECHNICAL COMPONENT ENVELOPE

Class "A" Documents Legal Documents Valid PhilGEPS Registration Certificate (Platinum Membership) (all pages) \square (a) in accordance with Section 8.5.2 of the IRR; **Technical Documents** Statement of the prospective bidder of all its ongoing government and private (b) 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; and \Box (c) 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; and Original copy of Bid Security. If in the form of a Surety Bond, submit also a (d)certification issued by the Insurance Commission or Original copy of Notarized Bid Securing Declaration; and Conformity with the Technical Specifications, which may include **□** (e) production/delivery schedule, manpower requirements, and/or aftersales/parts, if applicable; and Original duly signed Omnibus Sworn Statement (OSS) and if applicable, \prod (f) 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. Financial Documents The prospective bidder's computation of Net Financial Contracting Capacity \bigcap (g) (NFCC) or A committed Line of Credit from a Universal or Commercial Bank in lieu of its NFCC computation. Class "B" Documents If applicable, a duly signed joint venture agreement (JVA) in case the joint \bigcap (h) venture 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 (i)Original of duly signed and accomplished Financial Bid Form; and Original of duly signed and accomplished Price Schedule(s). (j) Other documentary requirements under RA No. 9184 (as applicable) [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

Omnibus Sworn Statement (Revised)

[shall be submitted with the Bid]

| 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

Bid Form for the Procurement of Goods

[shall be submitted with the Bid]

| | BID FORM |
|---|---|
| | Date : Project Identification No. : |
| To: [name and | d address of Procuring Entity] |
| Supplemental acknowledged Goods] in configures] or the and other bid mart of this Bid [specify the ap | examined the Philippine Bidding Documents (PBDs) including the or Bid Bulletin Numbers [insert numbers], the receipt of which is hereby duly we, the undersigned, offer to [supply/deliver/perform] [description of the formity with the said PBDs for the sum of [total Bid amount in words and total calculated bid price, as evaluated and corrected for computational errors, nodifications in accordance with the Price Schedules attached herewith and made d. The total bid price includes the cost of all taxes, such as, but not limited to: plicable taxes, e.g. (i) value added tax (VAT), (ii) income tax, (iii) local taxes, fiscal levies and duties], which are itemized herein or in the Price Schedules, |
| If our I | Bid is accepted, we undertake: |
| | to deliver the goods in accordance with the delivery schedule specified in the Schedule of Requirements of the Philippine Bidding Documents (PBDs); |
| | to provide a performance security in the form, amounts, and within the times prescribed in the PBDs; |
| c. | to abide by the Bid Validity Period specified in the PBDs and it shall remain binding upon us at any time before the expiration of that period. |
| Commi | this paragraph if Foreign-Assisted Project with the Development Partner: ssions or gratuities, if any, paid or to be paid by us to agents relating to this Bid, execution if we are awarded the contract, are listed below: |

of agentCurrencyCommission 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 Award, shall be binding upon us.

We understand that you are not bound to accept the Lowest Calculated Bid or any Bid you may receive.

We certify/confirm that we comply with the eligibility requirements pursuant to the PBDs.

The undersigned is authorized to submit the bid on behalf of [name of the bidder] as evidenced by the attached [state the written authority].

We acknowledge that failure to sign each and every page of this Bid Form, including the attached Schedule of Prices, shall be a ground for the rejection of our bid.

| Name: | |
|--|--|
| Legal capacity: | |
| Signature: | |
| Duly authorized to sign the Bid for and behalf of: | |
| Date: | |

Price Schedule for Goods Offered from Abroad

[shall be submitted with the Bid if bidder is offering goods from Abroad]

| lame | of Bidder | | | | Project II | D No | Page _ | of |
|--------|-------------|----------------------|----------|---|---|---|---|--|
| | | | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| Item | Description | Country of origin | Quantity | Unit price CIF port of entry (specify port) or CIP named place (specify border point or place of destination) | Total CIF or CIP price per item (col. 4 x 5) | Unit Price Delivered Duty Unpaid (DDU) | Unit price Delivered Duty Paid (DDP) | Total Price delivered DDP (col 4 x 8) |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| Vame: | | | | | | | | |
| egal (| Capacity: | | | | | | | |

Price Schedule for Goods Offered from Within the Philippines [shall be submitted with the Bid if bidder is offering goods from within the Philippines]

For Goods Offered from Within the Philippines

| Name of Bidder | | | | Projec | Page | _of | | | |
|----------------|-------------|----------------------|----------|-------------------------------------|---|---|--|---|--|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| Item | Description | Country of origin | Quantity | Unit price EXW per item | Transportation and all other costs incidental to delivery, per item | Sales and other taxes payable if Contract is awarded, per item | Cost of Incidental Services, if applicable, per item | Total Price, per unit (col 5+6+7+8) | Total Price delivered Final Destination (col 9) x (col 4) |
| Legal | Capacity: | | | | | | | | |

Duly authorized to sign the Bid for and behalf of:

Bid Securing Declaration Form

[shall be submitted with the Bid if bidder opts to provide this form of bid security]

| REPUBLIC OF THE PHILIPPINES) | |
|------------------------------|---------|
| CITY OF | _) S.S. |

BID SECURING DECLARATION Project Identification No.: [Insert number]

To: [Insert 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 procurement 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, within fifteen (15) days from receipt of the written demand by the procuring entity for the commission of acts resulting to the enforcement of the bid securing declaration under Sections 23.1(b), 34.2, 40.1 and 69.1, except 69.1(f),of the IRR of RA No. 9184; without prejudice to other legal action the government may undertake.
- 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 filed a waiver to avail of said right; and
 - c. I am/we are declared the bidder with the Lowest Calculated 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 [month] [year] at [place of execution].

[Insert NAME OF BIDDER OR ITS AUTHORIZED REPRESENTATIVE]
[Insert signatory's legal capacity]
Affiant

[Jurat]

[Format shall be based on the latest Rules on Notarial Practice]

