

PHILIPPINE BIDDING DOCUMENTS

Procurement of Technical and Scientific Equipment

Government of the Republic of the Philippines
University of Southeastern Philippines
Tagum-Mabini Campus

PreBid Conference - - - - Nov. 25, 2020, 1:30p.m
Deadline of Submission of Bids - - Dec. 14, 2020, 9:00 a.m
Opening of Bids - - - - Dec. 14, 2020, 9:30 a.m

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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.

Table of Contents

Glossary of Acronyms, Terms, and Abbreviations	4
Section I. Invitation to Bid.....	7
Section II. Instructions to Bidders.....	11
1. Scope of Bid	12
2. Funding Information.....	12
3. Bidding Requirements	12
4. Corrupt, Fraudulent, Collusive, and Coercive Practices	13
5. Eligible Bidders.....	13
6. Origin of Goods	14
7. Subcontracts	14
8. Pre-Bid Conference	15
9. Clarification and Amendment of Bidding Documents	15
10. Documents comprising the Bid: Eligibility and Technical Components	15
11. Documents comprising the Bid: Financial Component	16
12. Bid Prices	16
13. Bid and Payment Currencies	17
14. Bid Security	17
15. Sealing and Marking of Bids	18
16. Deadline for Submission of Bids	18
17. Opening and Preliminary Examination of Bids	18
18. Domestic Preference	19
19. Detailed Evaluation and Comparison of Bids	19
20. Post-Qualification	20
21. Signing of the Contract	20
Section III. Bid Data Sheet	22
Section IV. General Conditions of Contract	32
1. Scope of Contract	33
2. Advance Payment and Terms of Payment	33
3. Performance Security	33
4. Inspection and Tests	34
5. Warranty	34
6. Liability of the Supplier	34
Section V. Special Conditions of Contract	35
Section VI. Schedule of Requirements	41
Section VII. Technical Specifications	48
Section VIII. Checklist of Technical and Financial Documents	138

Glossary of Acronyms, Terms, and Abbreviations

ABC – Approved Budget for the Contract.

BAC – Bids and Awards Committee.

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

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

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

BIR – Bureau of Internal Revenue.

BSP – Bangko Sentral ng Pilipinas.

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

CDA - Cooperative Development Authority.

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

CIF – Cost Insurance and Freight.

CIP – Carriage and Insurance Paid.

CPI – Consumer Price Index.

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

DTI – Department of Trade and Industry.

EXW – Ex works.

FCA – “Free Carrier” shipping point.

FOB – “Free on Board” shipping point.

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

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

GFI – Government Financial Institution.

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

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

GOP – Government of the Philippines.

GPPB – Government Procurement Policy Board.

INCOTERMS – International Commercial Terms.

Infrastructure Projects – Include the construction, improvement, rehabilitation, demolition, repair, restoration or maintenance of roads and bridges, railways, airports, seaports, communication facilities, civil works components of information technology projects, irrigation, flood control and drainage, water supply, sanitation, sewerage and solid waste management systems, shore protection, energy/power and electrification facilities, national

buildings, school buildings, hospital buildings, and other related construction projects of the government. Also referred to as *civil works or works*. (2016 revised IRR, Section 5[u])

LGUs – Local Government Units.

NFCC – Net Financial Contracting Capacity.

NGA – National Government Agency.

PhilGEPS - Philippine Government Electronic Procurement System.

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

PSA – Philippine Statistics Authority.

SEC – Securities and Exchange Commission.

SLCC – Single Largest Completed Contract.

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

UN – United Nations.

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.

[Letterhead of the Procuring Entity]

INVITATION TO BID FOR *[Insert Procurement Project]*

1. The *[insert name of Procuring Entity]*, through the *[insert source of funding and year]* intends to apply the sum of *[insert the ABC]* being the ABC to payments under the contract for *[Procurement Project/ identification number]*. Bids received in excess of the ABC shall be automatically rejected at bid opening.

Select this for lot-procurement:

The *[insert name of Procuring Entity]*, through the *[insert source of funding and year]* intends to apply the sum of *[insert the ABC corresponding to each lot/item, and the Procurement Project/identification number of contract for each lot/item]* being the ABC to payments under the contract for each lot/item. Bids received in excess of the ABC for each lot shall be automatically rejected at bid opening.

Select this for Framework Agreement:

The *[insert name of Procuring Entity]*, using a *[[choose either single-year or multi-year]* for a duration of *[specify if 2 or 3] years* Framework Agreement, through the *[insert source of funding and year]* intends to apply the sum of *[insert the ABC corresponding to the total cost of each item to be bid out, and the [specify identification number per item] being the ABC to payments under the contract for each item. Bids received in excess of the total cost per item shall be automatically rejected.*

2. The *[insert name of Procuring Entity]* now invites bids for the above Procurement Project. Delivery of the Goods is required by *[insert the required initial delivery date or expected contract duration]*. Bidders should have completed, within *[insert relevant period]* 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).

Select this for Framework Agreement:

The *[insert name of Procuring Entity]* now invites bids for *[insert Procurement Project]*. Delivery of the Goods is required within *[insert expected delivery time frame] [insert either after issuance of a Call-Off or any date determined by the PE]*. Bidders should have completed, within *[insert relevant period]* 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).

3. 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.

[Select one of the two following paragraphs and delete the other depending on the existence of conditions under Section 23.4.1.2 of the 2016 revised IRR of RA No. 9184]

- a. *[Select this paragraph if conditions (a), (c), and (d) under Section 23.4.1.2 of the 2016 revised IRR of RA No. 9184 do not exist:]* 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.
 - b. *[Select this paragraph if condition (a), (c), or (d) under Section 23.4.1.2 of the 2016 revised IRR of RA No. 9184 exists:]* Bidding is open to all interested bidders, whether local or foreign, subject to the conditions for eligibility provided in the 2016 revised IRR of RA No. 9184.
4. Prospective Bidders may obtain further information from *[insert name of the Procuring Entity]* and inspect the Bidding Documents at the address given below during *[insert office hours]*.
 5. A complete set of Bidding Documents may be acquired by interested Bidders on *[insert date of availability of Bidding Documents]* from the given address and website(s) below *[Insert if necessary: and upon payment of the applicable fee for the Bidding Documents, pursuant to the latest Guidelines issued by the GPPB, in the amount of [insert amount in Pesos]. The Procuring Entity shall allow the bidder to present its proof of payment for the fees [specify the manner if it will be presented in person, by facsimile, or through electronic means.]]*
- [NOTE: For lot procurement, the maximum fee for the Bidding Documents for each lot shall be based on its ABC, in accordance with the Guidelines issued by the GPPB; provided that the total fees for the Bidding Documents of all lots shall not exceed the maximum fee prescribed in the Guidelines for the sum of the ABC of all lots.]*
6. The *[insert name of the Procuring Entity]* will hold a Pre-Bid Conference¹ on *[insert time and date]* at *[insert address for Pre-Bid Conference, if applicable]* *{[insert if applicable] and/or through video conferencing or webcasting via [insert website, application or technology to be used].}*, which shall be open to prospective bidders.
 7. Bids must be duly received by the BAC Secretariat through *{[specify the manner of bid submission and receipt:]* (i) manual submission at the office address indicated below, (ii) online or electronic submission as indicated below, or (iii) both*}* on or before *[insert time and date]*. Late bids shall not be accepted.
 8. All Bids must be accompanied by a bid security in any of the acceptable forms and in the amount stated in **ITB** Clause 14.

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.

9. Bid opening shall be on *[insert time and date]* at the given address below *{[if applicable, insert]}* and/or via *[insert website, application, or technology to be used].* Bids will be opened in the presence of the bidders' representatives who choose to attend the activity.
10. *[Insert such other necessary information deemed relevant by the Procuring Entity such as the use of a back-up data or cloud storage for large files uploaded for online bid submissions]*
11. The *[insert name of the Procuring Entity]* 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:

[Insert name of officer]
[Insert name of office]
[Insert postal address] and/or *[Insert street address]*
[Insert official electronic mail address]
[Insert telephone number, indicate area code]
[Insert facsimile number, if any]
[Insert website address, if applicable]
13. You may visit the following websites:

For downloading of Bidding Documents: *[Indicate websites]*

[If applicable] For online bid submission: *[Indicate website]*

[Date of Issue]

*[Insert Name and Signature of the BAC
Chairperson or Authorized Representative]*

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, *[indicate name]* wishes to receive Bids for the *[insert Procurement Project]*{*[insert, if applicable:]* under a Framework Agreement}, with identification number *[indicate number]*.

[Note: The Project Identification Number is assigned by the Procuring Entity based on its own coding scheme and is not the same as the PhilGEPS reference number, which is generated after the posting of the bid opportunity on the PhilGEPS website.]

The Procurement Project (referred to herein as “Project”) is composed of *[indicate number of lots or items]*, 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 below for *[indicate funding year]* in the amount of *[indicate amount]*.

2.2. The source of funding is:

[If an early procurement activity, select one and delete others:]

- a. NGA, the National Expenditure Program.
- b. GOCC and GFIs, the proposed Corporate Operating Budget.
- c. LGUs, the proposed Local Expenditure Program.

[If not an early procurement activity, select one and delete others:]

- a. NGA, the General Appropriations Act or Special Appropriations.
- b. GOCC and GFIs, the Corporate Operating Budget.
- c. LGUs, the Annual or Supplemental Budget, as approved by the Sanggunian.

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. *[Select one, delete other/s]*

a. Foreign ownership exceeding those allowed under the rules may participate pursuant to:

i. When a Treaty or International or Executive Agreement as provided in Section 4 of the RA No. 9184 and its 2016 revised IRR allow foreign bidders to participate;

ii. Citizens, corporations, or associations of a country, included in the list issued by the GPPB, the laws or regulations of which grant reciprocal rights or privileges to citizens, corporations, or associations of the Philippines;

iii. When the Goods sought to be procured are not available from local suppliers; or

iv. When there is a need to prevent situations that defeat competition or restrain trade.

b. 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:

[Select one, delete the other/s]

- a. 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.
- b. For the procurement of Expendable Supplies: The Bidder must have completed a single contract that is similar to this Project, equivalent to at least twenty-five percent (25%) of the ABC.
- c. For procurement where the Procuring Entity has determined, after the conduct of market research, that imposition of either (a) or (b) will likely result to failure of bidding or monopoly that will defeat the purpose of public bidding: the Bidder should comply with the following requirements: *[Select either failure or monopoly of bidding based on market research conducted]*
 - i. Completed at least two (2) similar contracts, the aggregate amount of which should be equivalent to at least *fifty percent (50%) in the case of non-expendable supplies and services or twenty-five percent (25%) in the case of expendable supplies*] of the ABC for this Project; and
 - ii. The largest of these similar contracts must be equivalent to at least half of the percentage of the ABC as required above.

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:

[Select one, delete other/s]

- a. Subcontracting is allowed. The portions of Project and the maximum percentage allowed to be subcontracted are indicated in the **BDS**, which shall not exceed twenty percent (20%) of the contracted Goods.
- b. 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 *{[insert if applicable]}* and/or through videoconferencing/webcasting } 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 *[state relevant period as provided in paragraph 2 of the IB]* prior to the deadline for the submission and receipt of bids.
- 10.3. If the eligibility requirements or statements, the bids, and all other documents for submission to the BAC are in foreign language other than English, it must be accompanied by a translation in English, which shall be authenticated by the appropriate Philippine foreign service establishment, post, or the equivalent office having jurisdiction over the foreign bidder's affairs in the Philippines. Similar to the required authentication above, for Contracting

Parties to the Apostille Convention, only the translated documents shall be authenticated through an apostille pursuant to GPPB Resolution No. 13-2019 dated 23 May 2019. The English translation shall govern, for purposes of interpretation of the bid.

11. Documents comprising the Bid: Financial Component

- 11.1. The second bid envelope shall contain the financial documents for the Bid as specified in **Section VIII (Checklist of Technical and Financial Documents)**.
- 11.2. If the Bidder claims preference as a Domestic Bidder or Domestic Entity, a certification issued by DTI shall be provided by the Bidder in accordance with Section 43.1.3 of the 2016 revised IRR of RA No. 9184.
- 11.3. Any bid exceeding the ABC indicated in paragraph 1 of the **IB** shall not be accepted.
- 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.
- 11.5. *[Include if Framework Agreement will be used:]* Financial proposals for single or multi-year Framework Agreement shall be submitted before the deadline of submission of bids as prescribed in the **IB**. For multi-year Framework Agreement, evaluation of the financial proposal during this stage is for purposes of determining eligibility and whether or not such financial proposal is within the ABC.

12. Bid Prices

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

in the Philippines as specified in the **BDS**. In quoting the price, the Bidder shall be free to use transportation through carriers registered in any eligible country. Similarly, the Bidder may obtain insurance services from any eligible source country.

- ii. The price of other (incidental) services, if any, as listed in **Section VII (Technical Specifications)**.

12.2. *[Include if Framework Agreement will be used:]* For Framework Agreement, the following should also apply in addition to Clause 12.1:

- a. For a single year Framework Agreement, the prices quoted by the Bidder shall be fixed during the Bidder's performance of the contract and not subject to variation or escalation on any account. Price schedules required under Clause 12.1 shall be submitted with the bidding documents.
- b. For a multi-year Framework Agreement, the prices quoted by the Bidder during submission of eligibility documents shall be the ceiling and the price quoted during mini-competition must not exceed the initial price offer. The price quoted during call for mini-competition shall be fixed during the Bidder's performance of that Call-off and not subject to variation or escalation on any account. Price schedules required under Clause 12.1 shall be submitted with the bidding documents.

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:

[Select one, delete the other/s]

- a. Philippine Pesos.
- b. *[indicate currency if procurement involves a foreign-denominated bid as allowed by the Procuring Entity, which shall be tradeable or acceptable by the BSP].*

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**.

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.

- 14.2. The Bid and bid security shall be valid until *[indicate date]*. Any Bid not accompanied by an acceptable bid security shall be rejected by the Procuring Entity as non-responsive.
- 14.3. *[Include if Framework Agreement will be used:]* In the case of Framework Agreement, other than the grounds for forfeiture under the 2016 revised IRR, the bid security may also be forfeited if the successful bidder fails to sign the Framework Agreement, or fails to furnish the performance security or performance securing declaration. Without prejudice on its forfeiture, bid securities shall be returned only after the posting of performance security or performance securing declaration, as the case may be, by the winning Bidder or compliant Bidders and the signing of the Framework Agreement.

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**.
- 16.2. *[Include if Framework Agreement will be used:]* For multi-year Framework Agreement, the submission of bids shall be for the initial evaluation of their technical and financial eligibility. Thereafter, those declared eligible during the said initial eligibility evaluation and entered into a Framework Agreement with the Procuring Entity shall submit anew their best financial offer at the address and on or before the date and time indicated in the Call for each mini-competition.

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.
- 18.2. *[Include if Framework Agreement will be used:]* For multi-year Framework Agreement, determination of margin of preference shall be conducted every call for Mini-Competition.

19. Detailed Evaluation and Comparison of Bids

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

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

- a. In the case of single-year Framework Agreement, the Lowest Calculated Bid shall be determined outright after the detailed evaluation;
- b. For multi-year Framework Agreement, the determination of the eligibility and the compliance of bidders with the technical and financial aspects of the projects shall be initially made by the BAC, in accordance with Item 7.4.2 of the Guidelines on the Use of Framework Agreement.
- 19.2. If the Project allows partial bids, bidders may submit a proposal on any of the lots or items, and evaluation will be undertaken on a per lot or item basis, as the case may be. In this case, the Bid Security as required by **ITB** Clause 15 shall be submitted for each lot or item separately.
- 19.3. The descriptions of the lots or items shall be indicated in **Section VII (Technical Specifications)**, although the ABCs of these lots or items are indicated in the **BDS** for purposes of the NFCC computation pursuant to Section 23.4.2.6 of the 2016 revised IRR of RA No. 9184. The NFCC must be sufficient for the total of the ABCs for all the lots or items participated in by the prospective Bidder.
- 19.4. The Project shall be awarded as follows:

[Select one, delete the other/s]

Option 1 – One Project having several items that shall be awarded as one contract.

Option 2 – One Project having several items grouped into several lots, which shall be awarded as separate contracts per lot.

Option 3 - One Project having several items, which shall be awarded as separate contracts per item.

[Delete Options 2 and 3 if Framework Agreement will be used.]

- 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. *[Include if Framework Agreement will be used:]* For multi-year Framework Agreement, all bidders initially determined to be eligible and financially compliant shall be subject to initial post-qualification. The BAC shall then recommend the execution of a Framework Agreement among all eligible, technically and financially compliant bidders and the Procuring Entity and shall be issued by HoPE a Notice to Execute Framework Agreement. The determination of the Lowest Calculated Bid (LCB) shall not be performed by the BAC until a Mini-Competition is conducted among the bidders who executed a Framework Agreement. When a Call for Mini-Competition is made, the BAC shall allow the bidders to submit their best financial proposals on such pre-scheduled date, time and place to determine the bidder with the LCB.
- 20.2. 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, *{[Include if Framework Agreement will be used:]* or in the case of multi-year Framework Agreement, that it is one of the eligible bidders who have submitted bids that are found to be technically and financially compliant,*}* 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**. *{[Include if Framework Agreement will be used:]* For every mini-competition in Framework Agreement, the LCB shall likewise submit the required documents for final Post Qualification.*}*

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**.

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

- 21.2. At the same time as the Procuring Entity notifies the successful Bidder that its bid has been accepted, the Procuring Entity shall send the Framework Agreement Form to the Bidder, which contract has been provided in the Bidding Documents, incorporating therein all agreements between the parties.
- 21.3. Within ten (10) calendar days from receipt of the Notice to Execute Framework Agreement with the Procuring Entity, the successful Bidder or its duly authorized representative shall formally enter into a Framework Agreement with the procuring entity for an amount of One Peso to be paid to the procuring entity as a consideration for the option granted by the procuring entity to procure the items in the Framework Agreement List when the need arises.
- 21.4. The Procuring Entity shall enter into a Framework Agreement with the successful Bidder within the same ten (10) calendar day period provided that all the documentary requirements are complied with.
- 21.5. The following documents shall form part of the Framework Agreement:
 - a. Framework Agreement Form;
 - b. Bidding Documents;
 - c. Call-offs;
 - d. Winning bidder's bid, including the Technical and Financial Proposals, and all other documents/statements submitted (*e.g.*, bidder's response to request for clarifications on the bid), including corrections to the bid, if any, resulting from the Procuring Entity's bid evaluation;
 - e. Performance Security or Performance Securing Declaration, as the case may be;
 - f. Notice to Execute Framework Agreement; and
 - g. Other contract documents that may be required by existing laws and/or specified 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: <ul style="list-style-type: none"> a. <i>[provide the definition or description of similar contracts].</i> b. completed within 3 (three) years prior to the deadline for the submission and receipt of bids. 																																																
7.1	<i>Sub-contracting is not allowed</i>																																																
12	The price of the Goods shall be quoted DDP <i>[state place of destination]</i> 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: <ul style="list-style-type: none"> a. The amount of not less than one million (1,000,000.00) <i>(2% of ABC)</i>, 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 Two million five hundred thousand (2,500,000.00) <i>(5% of ABC)</i> if bid security is in Surety Bond. 																																																
19.3	<p><i>[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.]</i></p> <p><i>[In case the project will be awarded by item, list each item indicating its quantity and ABC.]</i></p> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th rowspan="2" style="width: 10%;">Stock / Property No.</th> <th rowspan="2" style="width: 10%;">Unit</th> <th rowspan="2" style="width: 30%;">Item Description</th> <th rowspan="2" style="width: 10%;">Qty</th> <th colspan="2" style="width: 40%;">Approved Budget Cost (ABC)</th> </tr> <tr> <th style="width: 15%;">Unit Cost</th> <th style="width: 25%;">Total Cost</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">1</td> <td style="text-align: center;">units</td> <td>Stainless Dissection Tabes Dip Tank Hand Crank Elevation include Stationary Book Stand</td> <td style="text-align: center;">5</td> <td style="text-align: right;">824,780.00</td> <td style="text-align: right;">4,123,900.00</td> </tr> <tr> <td style="text-align: center;">2</td> <td style="text-align: center;">units</td> <td>Development Embryo Model (13 stages)</td> <td style="text-align: center;">2</td> <td style="text-align: right;">131,450.00</td> <td style="text-align: right;">262,900.00</td> </tr> <tr> <td style="text-align: center;">3</td> <td style="text-align: center;">units</td> <td>Human female reproductive system model</td> <td style="text-align: center;">5</td> <td style="text-align: right;">86,900.00</td> <td style="text-align: right;">434,500.00</td> </tr> <tr> <td style="text-align: center;">4</td> <td style="text-align: center;">units</td> <td>Human head and neck</td> <td style="text-align: center;">5</td> <td style="text-align: right;">163,900.00</td> <td style="text-align: right;">819,500.00</td> </tr> <tr> <td style="text-align: center;">5</td> <td style="text-align: center;">units</td> <td>Human male reproductive system model</td> <td style="text-align: center;">5</td> <td style="text-align: right;">175,780.00</td> <td style="text-align: right;">878,900.00</td> </tr> <tr> <td style="text-align: center;">6</td> <td style="text-align: center;">unit</td> <td>Skeleton Model, with muscle (detachable)</td> <td style="text-align: center;">1</td> <td style="text-align: right;">548,900.00</td> <td style="text-align: right;">548,900.00</td> </tr> </tbody> </table>					Stock / Property No.	Unit	Item Description	Qty	Approved Budget Cost (ABC)		Unit Cost	Total Cost	1	units	Stainless Dissection Tabes Dip Tank Hand Crank Elevation include Stationary Book Stand	5	824,780.00	4,123,900.00	2	units	Development Embryo Model (13 stages)	2	131,450.00	262,900.00	3	units	Human female reproductive system model	5	86,900.00	434,500.00	4	units	Human head and neck	5	163,900.00	819,500.00	5	units	Human male reproductive system model	5	175,780.00	878,900.00	6	unit	Skeleton Model, with muscle (detachable)	1	548,900.00	548,900.00
Stock / Property No.	Unit	Item Description	Qty	Approved Budget Cost (ABC)																																													
				Unit Cost	Total Cost																																												
1	units	Stainless Dissection Tabes Dip Tank Hand Crank Elevation include Stationary Book Stand	5	824,780.00	4,123,900.00																																												
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6	unit	Skeleton Model, with muscle (detachable)	1	548,900.00	548,900.00																																												

	7	units	Disarticulated Full Human Skeleton with 3-part skull	2	131,450.00	262,900.00
	8	unit	Virtual Dissection Table (Touch screen)	1	9,348,900.00	9,348,900.00
	9	set	Plastinated Human (Real) Specimen Whole Body Intact (Male & Female set) (Viscera in Situ) With Casting of lower extremity (showing arteries, veins and nerves without bones)	1	9,898,900.00	9,898,900.00
	10	units	Brain Model, 8 parts	5	99,000.00	495,000.00
	11	unit	3/4 Life-Size Dual Sex Muscle Model on a metal stand with 5 casters, 45-parts	1	819,500.00	819,500.00
	12	unit	Medical Hand Held Electric Bone Saw	1	550,000.00	550,000.00
	13	unit	Dissecting Set (includes: mellet bone plitting and ridge chisel, set of dissecting knife, scissors, forceps, bone saws in all sizes)	1	1,100,000.00	1,100,000.00
	14	units	Rib Shears (in different sizes)	5	87,999.98	439,999.89
	15	unit	Cadaver refrigerator shelves (6-8 shelves)	1	2,419,999.89	2,419,999.89
	16	unit	Stretcher Stainless for transport of cadaver	1	384,999.89	384,999.89
	17	sets	Prepared Slides - Histology (set)	10	54,890.00	548,900.00
	18	unit	Set LB-252/ LBHC3E-1080P Digital Biological Microscope	1	219,999.89	219,999.89
	19	sets	Prepared Slides - Parasitology (Set of 50)	10	274,890.00	2,748,900.00
	20	unit	Automated Microbiology Bacterial Identification and Anti-microbial Susceptibility System	1	2,749,999.89	2,749,999.89
	21	sets	Prepared Slides - Pathology (set)	10	109,890.00	1,098,900.00

	22	set	Digital Slides in Histology, Pathology etc..(Non for Para and Micro) (Set of 100 slides)	1	196,900.00	196,900.00
	23	set	1 set Human Physiology System (Includes: ML4818 PowerLab 15T, TN1012/ST Pulse Transducer, MLT1132/D Respiratory Belt Transducer, MLT1100/D Sphygmomanometer, MLT201 Cardio Microphone, MLA92/D Push Button Switch, MLT004/ST Grip Force MLA2540 Bio Amp Cable, MLA2505 Shielded Lead Wires, MLADDF30 Stimulating Bar Electrode, MLA700 Reusable ECG Electrodes, MLA1010 Disposable ECG Electrodes (100), MLAWBT9 EEG Flat Electrodes (5), MLAYDG Dry Earth Strap, MLA1093 Abrasive Gel, MLA1090 Electrode Cream, MLA1095 Electrode Paste (3) MLA1094 Alcohol Swabs (1000))	1	1,319,999.89	1,319,999.89
	24	set	1 set Human Respiratory Kit with Disposable droplet Filters (Dimensions = Subject end 31 mm OD (outside diameter), tubing end 34 mm OD. Independent laboratory tests have verified that this pulmonary function filter is highly effective and consistently filters out more than 99.99% of bacteria and 99.99% of viruses. Air flow resistance is well	1	549,999.89	549,999.89

			below 1.5 cm H ₂ O/L/sec at Flow rates less than 12 L/sec.) MLA304			
25	set	1 set Nerve Muscle Kit Nerve and Muscle Kit II includes: MLTF500/ST Teaching Force Transducer (0-500g, MLA0320 Animal Nerve Stimulating Electrode, MLT016/B Nerve Chamber (includes a MLA270 Stimulator Cable, two MLA285 Differential Pod Input Cables), MLA1605 Shielded Lead Wires (Alligator), MLA013 Muscle Holder, MLA40 Manipulator with Stand	1	505,999.89	505,999.89	
26	unit	Laboratory Hood	1	769,999.89	769,999.89	
27	unit	Water Bath	1	109,999.89	109,999.89	
28	unit	Laboratory Autoclave (automatic with drying, Vertical, 80L)	1	549,501.65	549,501.65	
29	units	Spectrophotometer (double beam)	1	659,999.89	659,999.89	
30	lot	Lot for Bichemistry Apparatus (Urinometer - 15 pcs, safety goggles (heavy duty) - 10 pcs)	1	34,099.78	34,099.78	
31	unit	Electrophoresis	1	164,999.89	164,999.89	
32	unit	Colorimeter	1	384,999.89	384,999.89	
33	unit	Weighing Booth	1	1,001,000.00	1,001,000.00	

	34	lot	<p>Lot for Laboratory Apparatus and Glasswares (Beaker 100ml - 20pcs, Beaker 250ml - 20pcs, Beaker 500ml -20pcs, Bunsen Burner - 20pcs, Bunsen Burner Rubber (Conneting to tube)-20 pcs, Burette (Acid) 25ml - 20pcs, Burette (Acid) 50ml - 20pcs, Burette Clamp - 20pcs, Centrifuge- 2 units, Ceramic/Porcelain Bowl - 5 pcs, Condenser (set of 5) - 4 pcs, Cover Glass (per box) - 20 boxes, Cover Slips (per box) - 20 boxes, Dissecting Pins (per box) - 20 boxes, Distilling Flask 125ml - 20 pcs, Distilling Flask 250ml - 20 pcs, Distilling Flask 500ml - 20 pcs, Glass Dropper - 20 pcs, Erlenmeyer Flask 100ml - 20pcs, Erlenmeyer Flask 250ml - 20pcs, Erlenmeyer Flask 500ml - 20pcs, Evaporating Dish - 20pcs, Glass Slides (per box) - 20 boxes, Hot Plate - 3 pcs, Kymograph - 5 units, Loop - 20 pcs, Maxwel Apparatus - 2 units, Petri Dish with Cover (big) - 20 pcs, Pulleys - 5 pcs, Reynolds Apparatus - 2units, Stethoscope (Classic Littman III) - 20units, Tape Measure - 5 pcs, Laboratory Thermometer - 10 pcs, Triple Beam Balance - 4 units, Volumetric Flask 100ml - 20 pcs, Volumetric Flask 250ml - 20 pcs, Volumetric Flask 500ml - 20</p>	1	1,375,000.00	1,375,000.00
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			pcs)			
	35	unit	Ultrasound Machine	1	1,221,000.00	1,221,000.00
	36	set	IV Injection Subcutaneous, Intramuscular, Arterial, Suture, Hemodialysis	1	385,000.00	385,000.00

	37	set	<p>Susie/Simon Newborn CPR Simulator Features</p> <ul style="list-style-type: none"> • Fully articulating head and jaw with tongue • SAFE CPR™ individual disposable airways to practice hygienic mouth-to-mouth ventilation • Interface monitors and logs the cadence and depth of cardiac compression and airway ventilation • Arterial pulse points • Soft, lifelike faceskin with molded hair • T-shirt and shorts • Instruction manual • Custom nylon carrying bag • Arterial pulse points • Soft, lifelike faceskin with molded hair 	1	385,000.00	385,000.00
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			<p>Two adult Prestan Professional Series manikins fully compliant with AHA guidelines for compression and rate feedback devices (medium skin tone only)</p> <p>Two infant Prestan Professional Series manikins fully compliant with AHA guidelines for compression and rate feedback devices (medium skin tone only)</p> <p>Two Prestan UltraTrainer AED training devices - pre-programmed with 5 training scenarios in English and Spanish, with accessories(see below for full details)</p> <p>Eight AA batteries (two per manikin)</p> <p>Starter 20-pack adult sized lung bags</p> <p>Starter 20-pack infant sized lung bags</p> <p>Specially designed carry case with foam inserts and repacking instruction sheet (26.5 x 15/5 x 17)</p> <p>Three-year manufacturers against defects in workmanship or materials</p> <p>Two Adult ManiVest</p> <p>Two Infant ManiBibs</p> <p>Two CPR Kneeling Mats</p>				
	38	sets		3	77,000.00	231,000.00	
						50,000,000.00	

20.2	<i>[List here any licenses and permits relevant to the Project and the corresponding law requiring it.]</i>
21.2	<p>The inspections and tests that will be conducted are:</p> <ol style="list-style-type: none"> 1. For items that are more than million per piece, a product presentation should be made by bidding supplier bringing a sample product to the university. The technical working group may conduct physical examination and manipulation of the equipment to ensure the veracity of claims of the supplier (except for heavy instruments e.g. weighing booth, cadaver refrigerator, laboratory autoclave, and laboratory hood). 2. For virtual dissection table, the supplier must agree to have the sample product stay at the university for a period of 3 days to 1 week in favor of the university to check the item thoroughly. The technical working group may conduct physical examination and manipulation of the equipment to ensure the veracity of claims of the supplier. 3. For plastinated human specimen, a sample product must be deposited at the University for Inspection for a week. The technical working group may conduct physical examination and manipulation of the equipment to ensure the veracity of claims of the supplier. 4. For other products less than a million and products exemptions stated in number 1, especially for products that needs manipulation the supplier must present their product to the TWG. 5. The TWG reserves the rights to ask or visit company where the supplier has delivered the same products.

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 prior to the signing of the Contract by both parties, the successful Bidder shall furnish the performance security in any of the forms prescribed in Section 39 of the 2016 revised IRR of RA No. 9184. *[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 IV (Technical Specifications)** shall specify what inspections and/or tests the Procuring Entity requires, and where they are to be conducted. The Procuring Entity shall notify the Supplier in writing, in a timely manner, of the identity of any representatives retained for these purposes.

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

5. Warranty

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

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

6. Liability of the Supplier

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

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

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	<p><i>[List here any additional requirements for the completion of this Contract. The following requirements and the corresponding provisions may be deleted, amended, or retained depending on its applicability to this Contract:]</i></p> <p>Delivery and Documents –</p> <p>For purposes of the Contract, “EXW,” “FOB,” “FCA,” “CIF,” “CIP,” “DDP” and other trade terms used to describe the obligations of the parties shall have the meanings assigned to them by the current edition of INCOTERMS published by the International Chamber of Commerce, Paris. The Delivery terms of this Contract shall be as follows:</p> <p><i>[For Goods supplied from abroad, state:]</i> “The delivery terms applicable to the Contract are DDP delivered <i>[indicate place of destination]</i>. In accordance with INCOTERMS.”</p> <p><i>[For Goods supplied from within the Philippines, state:]</i> “The delivery terms applicable to this Contract are delivered <i>[indicate place of destination]</i>. Risk and title will pass from the Supplier to the Procuring Entity upon receipt and final acceptance of the Goods at their final destination.”</p> <p>Delivery of the Goods shall be made by the Supplier in accordance with the terms specified in Section VI (Schedule of Requirements).</p> <p>For purposes of this Clause the Procuring Entity’s Representative at the Project Site is <i>[indicate name(s)]</i>.</p> <p>Incidental Services –</p> <p>The Supplier is required to provide all of the following services, including additional services, if any, specified in Section VI. Schedule of Requirements: <i>Select appropriate requirements and delete the rest.</i></p> <ol style="list-style-type: none"> 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.

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

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

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

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

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

	<p>Where the Supplier is required under Contract to deliver the Goods CIF, CIP or DDP, Goods are to be transported on carriers of Philippine registry. In the event that no carrier of Philippine registry is available, Goods may be shipped by a carrier which is not of Philippine registry provided that the Supplier obtains and presents to the Procuring Entity certification to this effect from the nearest Philippine consulate to the port of dispatch. In the event that carriers of Philippine registry are available but their schedule delays the Supplier in its performance of this Contract the period from when the Goods were first ready for shipment and the actual date of shipment the period of delay will be considered force majeure.</p> <p>The Procuring Entity accepts no liability for the damage of Goods during transit other than those prescribed by INCOTERMS for DDP deliveries. In the case of Goods supplied from within the Philippines or supplied by domestic Suppliers risk and title will not be deemed to have passed to the Procuring Entity until their receipt and final acceptance at the final destination.</p> <p>Intellectual Property Rights –</p> <p>The Supplier shall indemnify the Procuring Entity against all third-party claims of infringement of patent, trademark, or industrial design rights arising from use of the Goods or any part thereof.</p>
2.2	<i>Partial payment is not allowed</i>
4	<p>The inspections and tests that will be conducted are:</p> <ol style="list-style-type: none"> 1. For items that are more than million per piece, a product presentation should be made by bidding supplier bringing a sample product to the university. The technical working group may conduct physical examination and manipulation of the equipment to ensure the veracity of claims of the supplier (except for heavy instruments e.g. weighing booth, cadaver refrigerator, laboratory autoclave, and laboratory hood). 2. For virtual dissection table, the supplier must agree to have the sample product stay at the university for a period of 3 days to 1 week in favor of the university to check the item thoroughly. The technical working group may conduct physical examination and manipulation of the equipment to ensure the veracity of claims of the supplier. 3. For plastinated human specimen, a sample product must be deposited at the university for inspection for a week. The technical working group may conduct physical examination and manipulation of the equipment to ensure the veracity of claims of the supplier. 4. For other products less than a million and products exemptions stated in number 1, especially for products that needs manipulation the supplier must present their product to the TWG.

	<p>5. The TWG reserves the rights to ask or visit company where the supplier has delivered the same products.</p>
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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 Number	Description	Quantity	Total	Delivered, Weeks/Months
1	Stainless Dissection Tables Dip Tank Head Crank Elevation include Stationary Book Stand	5 units	4,123,900.00	90 days from receipt of P.O
2	Development Embryo Model (12 stages)	2 units	262,900.00	90 days from receipt of P.O
3	Human Female Reproductive System Model	5 units	434,500.00	90 days from receipt of P.O
4	Human Head and Neck Model	5 units	819,500.00	90 days from receipt of P.O
5	Human Male Reproductive System Model	5 units	878,900.00	90 days from receipt of P.O
6	Skeleton Model, with Muscle (detachable)	1 unit	548,900.00	90 days from receipt of P.O
7	Disarticulated Full Human Skeleton with 3-part Skull	2 units	262,900.00	90 days from receipt of P.O
8	Virtual Dissection Table (Touch Screen)	1 unit	9,348,900.00	90 days from receipt of P.O
9	Plastinated Human (Real) Specimen Whole Body Intact (Male & Female Set) (Vicera in Sutu) With Casting of Lower Extremity (Showing arteries, veins, and nerves without bones) including casting specimen of upper limb showing the blood vessels without bones.	1 set	9,898,900.00	Maximum of 9 months
10	Brain Model, 8 parts	5 units	495,000.00	Maximum of 30 days from the receipt of P.O.

11	¾ Life-Size Dual Sex Muscle Model on a metal stand with 5 casters, 45- parts	1 unit	819,500.00	Maximum of 90 days from the receipt of P.O.
12	Medical Hand Held Electric Bone Saw (reamer, drill, saw)	1 unit	550,000.00	Maximum of 60 days from the receipt of P.O.
13	Dissecting Set (includes: mallet bone plitting and ridge chisel, set of dissecting knife, scissors, forceps, bone saws in all sizes)	1 unit	1,100,000.00	Maximum of 30 days from the receipt of P.O.
14	Rib Shears (in different sizes)	5 sets	439,999.89	Maximum of 30 days from the receipt of P.O.
15	Cadaver Refrigerator 6-8 shelves	1 unit	2,419,999.89	Maximum of 90 days from the receipt of P.O.
16	Stretcher Stainless for Transport of cadaver	1 unit	384,999.89	Maximum of 60 days from the receipt of P.O.
17	Prepared Slides – Histology (set)	10 sets	548,900.00	Maximum of 30 days from the receipt of P.O.
18	Set LB-252 with LBHC3E-1080P Digital Biological Microscope	1 set	219,999.89	Maximum of 90 days from the receipt of P.O.
19	Prepare Slides – Parasitology (Set of 50)	10 sets	2,748,900.00	Maximum of 30 days from the receipt of P.O.
20	Automated Microbiology Bacterial Identification and Anti-microbial Susceptibility System	1 unit	2,749,999.89	Maximum of 90 days from the receipt of P.O.

21	Prepare Slides – Pathology (set)	10 sets	1,098,900.00	Maximum of 60 days from the receipt of P.O.
22	Digital Slides in Histology, Pathology etc. (Non for Para and Micro) (Set of 100 slides)	1 set	196,900.00	Maximum of 90 days from the receipt of P.O.
23	1 set Human Physiology System	1 set	1,319,999.89	Maximum of 90 days from the receipt of P.O.
24	1 set Human Respiratory Kit with disposable droplet Filters	1 set	549,999.89	Maximum of 90 days from the receipt of P.O.
25	1 set Nerve Muscle Kit Nerve and Muscle Kit II	1 set	505,999.89	Maximum of 90 days from the receipt of P.O.
26	Laboratory Hood	1 unit	769,999.89	Maximum of 90 days from the receipt of P.O.
27	Water Bath	1 unit	109,999.89	Maximum of 30 days from the receipt of P.O.
28	Laboratory Autoclave (automatic with drying, Vertical, 80L)	1 unit	549,501.65	Maximum of 30 days from the receipt of P.O.
29	Spectrophotometer (double beam)	1 unit	659,999.89	Maximum of 90 days from the receipt of P.O.
30	Biochemistry Apparatus (Urinometer – 15 pcs, safety goggles (heavy duty) – 10 pcs.	1 lot	34,099.78	Maximum of 60 days from the receipt of P.O.

31	Electrophoresis	1 unit	164,999.89	Maximum of 90 days from the receipt of P.O.
32	Colorimeter	1 unit	384,999.89	Maximum of 90 days from the receipt of P.O.
33	Weighing Booth	1 unit	1,001,000.00	Maximum of 90 days from the receipt of P.O.
34	Laboratory Apparatus and Glassware (Beaker 100ml – 20pcs, Beaker 250ml – 20pcs, Beaker 500ml -20pcs, Bunsen Burner – 20pcs, Bunsen Burner Rubber (Connecting to tube)- 20 pcs, Burette (Acid) 25ml – 20pcs, Burette (Acid) 50ml – 20pcs, Burette Clamp – 20pcs, Centrifuge- 2 units, Ceramic/Porcelain Bowl – 5 pcs, Condenser (set of 5) – 4 pcs, Cover Glass (per box) – 20 boxes, Cover Slips (per box) – 20 boxes, Dissecting Pins (per box) – 20 boxes, Distilling Flask 125ml – 20 pcs, Distilling Flask 250ml – 20 pcs, Distilling Flask 500ml – 20 pcs, Glass Dropper – 20 pcs, Erlenmeyer Flask 100ml – 20pcs, Erlenmeyer Flask 250ml – 20pcs, Erlenmeyer Flask 500ml – 20pcs, Evaporating Dish – 20pcs, Glass Slides (per box) – 20 boxes, Hot Plate – 3 pcs, Kymograph – 5 units, Loop – 20 pcs, Maxwell Apparatus – 2 units, Petri Dish with Cover (big) – 20 pcs, Pulleys – 5 pcs, Reynolds Apparatus -2units, Stethoscope (Classic Littman III) – 20units, Tape Measure – 5 pcs, Laboratory	1 Lot	1,375,000.00	Maximum of 30 days from the receipt of P.O.

	Thermometer – 10 pcs, Triple Beam Balance – 4 units, Volumetric Flask 100ml – 20 pcs, Volumetric Flask 250ml – 20 pcs, Volumetric Flask 500ml – 20 pcs)			
35	Ultrasound Machine	1 unit	1,221,000.00	Maximum of 90 days from the receipt of P.O.
36	IV Injection Subcutaneous, Intramuscular, Arterial, Suture, Hemodialysis	1 set	385,000.00	Maximum of 90 days from the receipt of P.O.
37	Susie/Simon Newborn CPR Simulator Features <ul style="list-style-type: none"> • Fully articulating head and jaw with tongue • SAFE CPR™ individual disposable airways to practice hygienic mouth-to-mouth ventilation • Interface monitors and logs the cadence and depth of cardiac compression and airway ventilation • Arterial pulse points • Soft, lifelike faceskin with molded hair • T-shirt and shorts • Instruction manual • Custom nylon carrying bag • Arterial pulse points • Soft, lifelike faceskin with molded hair 	Maximum of 90 days from the receipt of P.O.	385,000.00	Maximum of 90 days from the receipt of P.O.
38	Two adult Prestan Professional Series manikins fully compliant with AHA guidelines for compression and rate feedback devices (medium skin tone only) Two infant Prestan Professional Series manikins fully compliant with AHA guidelines for compression and rate feedback devices (medium skin tone	3 sets	231,000.00	Maximum of 60 days from the receipt of P.O.

	<p>only)</p> <p>Two Prestan UltraTrainer AED training devices - pre-programmed with 5 training scenarios in English and Spanish, with accessories(see below for full details)</p> <p>Eight AA batteries (two per manikin)</p> <p>Starter 20-pack adult sized lung bags</p> <p>Starter 20-pack infant sized lung bags</p> <p>Specially designed carry case with foam inserts and repacking instruction sheet (26.5 x 15/5 x 17)</p> <p>Three-year manufacturers against defects in workmanship or materials</p> <p>Two Adult ManiVest</p> <p>Two Infant ManiBibs</p> <p>Two CPR Kneeling Mats</p>			
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[Use this form for Framework Agreement:]

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.

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

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.

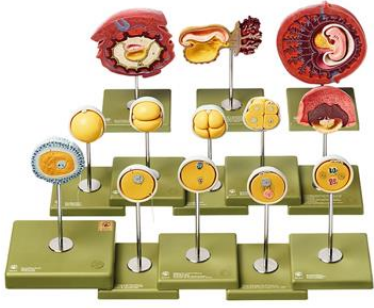
Technical Specifications


Item	Specification	Statement of Compliance
		<p><i>[Bidders must state here either “Comply” or “Not Comply” against each of the individual parameters of each Specification stating the corresponding performance parameter of the equipment offered. Statements of “Comply” or “Not Comply” must be supported by evidence in a Bidders Bid and cross-referenced to that evidence. Evidence shall be in the form of manufacturer’s un-amended sales literature, unconditional statements of specification and compliance issued by the manufacturer, samples, independent test data etc., as appropriate. A statement that is not supported by evidence or is subsequently found to be contradicted by the evidence presented will render the Bid under evaluation liable for rejection. A statement either in the Bidder’s statement of compliance or the supporting evidence that is found to be false either during Bid evaluation, post-qualification or the execution of the Contract may be regarded as fraudulent and render the Bidder or supplier liable for prosecution subject to the applicable laws and issuances.]</i></p>
1	<p>Stainless Dissection Tables Dip Tank Hand Crank Elevation include Stationary Book Stand</p> <p>Dissection Table</p> <ul style="list-style-type: none"> - Designed to keep cadavers and anatomic specimens fully submerged in a fixative solution for prolonged storage. Ideal for anatomy classes at any teaching hospital or university. - The tank helps maintain moisture content and The natural condition of stored tissues. 	

<p>- Storage is accomplished by placing cadaver or specimens on The elevating tray and subsequent lowering of tray into fixative solution.</p> <p>- Body tray handles control this movement, pivoting to rise or lower tray and are located on either end of tank.</p> <p>- Positive support latches are provided to securely and safely lock The tray and cadaver in The raised position for further examination or study.</p> <p>- Table features hand crank elevation to support varying user heights and preferences.</p> <p>Specifications:</p> <p>Dimensions : 87" L x 34" W x 36" H</p> <p>Tank Dimensions : 79" L x 25" W x 15" D</p> <p>Material : All stainless steel construction</p> <p>Casters : 5" locking (2) Elevating Arms to Lift & Lower Body</p> <p>Support Rails to Lock Body Tray in Position</p> <p>Body Tray Frame Saddles Most Body Trays</p> <p>Body Tray Perforated in Four (4) Corners for Drainage</p> <p>Hand crank elevation.</p> <p>Stationary Book Stand -Stationary Book Stand is a reference podium designed to organize and/or present technical</p>	
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	<p>information for life science professionals and students. The BN200 features a unique, dual sided, present and display book rest, making the stand ideal for teaching applications as well as for post-mortem documentation. Each side of the book rest is equipped with an extended bottom lip to accommodate extra thick medical publications and paperwork. Rests also easily accommodate any commercially available e-reader for further capacity and convenience, while two storage trays provide space for utensils, laptop, books and other belongings. Stationary book stand removes casters from unit, offering a reference podium with a fixed base.</p> <p>Dimensions:</p> <p>1)Elevation height:</p> <p>High:46.89"</p> <p>Low: 41.14"</p> <p>Threaded locking knobs</p> <p>Leveling feet</p> <p>Delivery date: Maximum of 90 days from the receipt of P.O. including weekends and holidays.</p> <p>Aftersales:</p> <p>Training on how to use and aftercare should be shouldered by the company.</p>	
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2	<p>HUMAN DEVELOPMENT UP TO THE EMBRYO AT THE END OF THE FIRST MONTH</p> <ul style="list-style-type: none"> • Shown by 13 models • Each model is individually mounted on a stand with green base • Total weight of the series 3.25 kg <p>Delivery date: Maximum of 90 days from the receipt of P.O. including weekends and holidays.</p>	


	<p>Aftersales:</p> <p>Training on how to aftercare should be shouldered by the company.</p>	
		
3	<p>Human Female Reproductive System Model</p> <p>Life Size Female Genital Model, 4 Parts Uterus Reproductive Organ Model for Medical Education</p> <ul style="list-style-type: none"> • The model consists of four parts: the female reproductive median sagittal plane, the pelvic organs, and the female perineum. • Shows female internal and external reproduction, pelvic organs, and female perineum. • There are multiple location indicators for users' convenience. • It is made of environmentally friendly PVC, matches the color of the computer, and is beautifully hand painted. • The structure of female reproduction is almost realistic. Very suitable for 	


	<p>medical research teaching.</p> <p>Delivery date: Maximum of 90 days from the receipt of P.O. including weekends and holidays.</p> <p>Aftersales:</p> <p>Training on aftercare should be shouldered by the company.</p>	
		
4	<p>Human Head and Neck Model</p> <p>Head and Neck Musculature 3/4 full-size 5-part - Smart Anatomy</p> <ul style="list-style-type: none"> • Representation of the superficial musculature and deep muscles, nerves and vessels • The head and neck musculature model can be dissected into skull cap 	


	<p>and 3-part brain</p> <ul style="list-style-type: none"> • This high quality model delivered on removable baseboard for easy use in a classroom or doctor's office • All important anatomical structures of the human head are detailed • Measures: 14.2" x 7.1" x 7.1" • Free warranty extension from 3 to 5 years with 3B Smart Anatomy and free access to 3B Smart Anatomy courses in the award-winning Complete Anatomy app. This includes 11 courses with 23 lectures, 117 different views of interactive virtual models, and 39 quizzes. <p>Specifications for this item</p> <p>Height: 14.2 inches</p> <p>Included Components: Head and Neck Musculature model</p> <p>Item Weight: 4.25 pounds</p> <p>Length: 7.1 inches</p> <p>Model Number: C05</p> <p>Number of Items: 1</p> <p>Size: 5 Part Head and Neck Musculature Model</p> <p>Width: 7.1 inches</p> <p>Delivery date: Maximum of 90 days from the receipt of P.O. including weekends and</p>	
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	<p>holidays.</p> <p>Aftersales:</p> <p>Training on aftercare should be shouldered by the company.</p>	
		
5	<p>Human Male Reproductive System Model</p> <p>Male Genital Organ Model, Life Size 5-Parts, Median Section, Showing the Penis, Prostate, Bladder, Seminal Vesicle, Spermatic Cord, Testicle, and Rectum, Anatomy Of Male Reproductive System, Male Pelvic Muscles Model</p> <ul style="list-style-type: none"> • DIMENSIONS and Easy 	

	<p>Assembling - 8.6"x 4.57x 3.1"(22x 18 x 8cm), easy mounting by magnets.</p> <ul style="list-style-type: none"> • Median Dissected & 5 Parts DESIGN - This life-size male genital organs model consisting of five parts is passed through the median sagittal plane to provide excellent external and internal structures, showing the Penis, Prostate, Seminal Vesicle, Spermtic Cord, Testicle, Rectum, Anus and Male Pelvic Muscles. 5 detachable parts are half bladder with prostate(1) penis (2) left and right median sectioned main piece with rectum (2). • Anatomy Details and Colorful Product Manual - The model shows internal and external genitalia, bladder, male urethra, and male perineum and other structures, along with product one colorful product manual is provided which marks more than 60 anatomical structures and landmarks related to male reproductive system. • MATERIAL And Craftsmanship- This model is made of high quality environmental friendly non toxic PVC Material and paint. The Durable material make sure it won't be broken by students. This model is hand painted with fine craftsmanship, providing 	
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	<p>enormous and accurate anatomical details of male genital organ.</p> <ul style="list-style-type: none"> • APPLICATION - The male genital model Applicable to schools, hospital, in physical health teaching, clinic, can be used as the teaching of anatomy of male reproductive system as a useful visual aids or useful for anyone who have interest in knowledge of male reproductive or male urinary system. <p>Delivery date: Maximum of 90 days from the receipt of P.O. including weekends and holidays.</p> <p>Aftersales:</p> <p>Training on aftercare should be shouldered by the company.</p>	
		

		
6	<p>Skeleton Model, with Muscle (detachable)</p> <p>Proven Quality - even more stable! Stan, the standard</p> <p>model of a human skeleton, has been appreciated</p> <p>throughout the world for decades. Thanks to its very high</p> <p>quality and robust construction, it is perfect for use in</p> <p>hospitals, schools, universities and laboratories. So choose</p> <p>Stan, the original among artificial skeletons. Now available</p> <p>on a stable metal stand with 5 casters!</p> <p>The other advantages of the 3B Scientific® skeleton are:</p> <ul style="list-style-type: none"> • Exceptional value for money • Top quality natural casting • Final assembly carried out by hand • Made from a durable, unbreakable synthetic material • On a stable metal stand with 5 	

	<p>casters (painted white)</p> <ul style="list-style-type: none"> • Close to the realistic weight of around 200 bones • Natural skeleton size • 3 part assembled skull • Individually inserted teeth • Limbs can be removed quickly and easily • Skull with magnetic connections <p>Comes with metal stand and transparent dust cover</p> <ul style="list-style-type: none"> • With some parts covered with detachable muscles <p>Delivery date: Maximum of 90 days from the receipt of P.O. including weekends and holidays.</p> <p>Aftersales:</p> <p>Training on aftercare should be shouldered by the company.</p>	
		

		
7	<p>Disarticulated Full Human Skeleton with 3-part Skull</p> <p>Endoskeleton</p> <p>The replica of the human disarticulated skeleton includes one hand and foot on wire, and one hand and foot loosely articulated. Every other bone of the human skeleton is life-sized and separated. The skull's calvarium is sectioned for a close-up view, and the jaw is hinged. The sternum's intracostal cartilage is attached. The spinal column is strung together on thin, nylon string and consists of 53 total pieces.</p> <p>This disarticulated skeleton is great for any in-depth study of the anatomy of the human skeleton. Supplied in a sturdy partitioned cardboard storage box.</p> <p>Delivery date: Maximum of 90 days from the receipt of P.O. including weekends and holidays.</p>	


	<p>Aftersales:</p> <p>Training on aftercare should be shouldered by the company.</p>	
8	<p>Virtual Dissection Table (Touch Screen)</p> <p>Including:</p> <p>VHDissector</p> <p>Human Anatomy Atlas</p> <p>50 Digital Histology Slides</p> <p>50 Digital Pathology Slides</p> <p>PRODUCT OVERVIEW</p> <p>The ability for teachers, students, residents and medical professionals to interact with full 3D images of human bodies throughout their education provides a deeper understanding of the anatomy, functions and processes of the body.</p> <p>PRODUCT DESCRIPTION</p> <p>Sectra Table allows medical staff and students to gain an enhanced understanding of the body's anatomy and functions, the variation between individuals and of more unusual diseases.</p> <p>Sectra Table features capacitive monitor with enhanced touch control, vastly improving the sense of interaction with the visualized data, given that users can now navigate even quicker and easier. The new model also features a slimmer design that facilitates greater mobility in a class room setting.</p> <p>The solution supports all medical</p>	

<p>images. For example, all DICOM images (such as CT and MR data), multimedia (such as videos and images), ultrasound imaging and digital pathology data.</p> <p>KEY FEATURES</p> <p>Large 65 inches monitor</p> <p>4K resolution for better visualization and rendering</p> <p>Direct capacitive monitor</p> <p>Easy access to all types of medical images</p> <p>Education Portal</p> <p>Easy preparation of cases from any connected computer</p> <p>EXTRA FEATURES</p> <p>Developed by a company with 25 years experience on radiological images and</p> <p>focused on Medical Technologies</p> <p>With a platform that grows with more content in the future</p> <p>With anonymizer to ensure patient integrity when using real patient data sets</p> <p>Can be use in virtual autopsies, veterinary and odontology</p> <p>Software must be certified as Medical device Class 2B (FDA & CE) and complete</p> <p>assembly holds EN60950 certification</p> <p>Can show 2D & 3D with MPR</p>	
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<p>planar reconstruction</p> <p>Possible to connect to multiple monitors and projectors</p> <p>Size must be a single 65” inches display and not a combination of two or more</p> <p>With the wheels and can be moved from one classroom to another</p> <p>Height and angle must be adjustable</p> <p>With open architecture that includes integration ability to any hospital PACS,</p> <p>regardless of brand</p> <p>Possible to create different worklist for different classes, teachers or topics</p> <p>Easy to open DICOM files and images from USB and CD</p> <p>Patented segmentation tool with possibility to see semitransparent and the rest of the data Possibility to save the settings that have been set</p> <p>Full package of measurement in 2D plus distance in 3D</p> <p>With illumination features (latest software).</p> <p>TECHNICAL DATA SHEET</p> <p>Picture/Display</p> <p>Type : Industrial</p> <p>Diagonal screen size : 65 inch / 163 cm</p> <p>Panel resolution : 3840 x 2160</p>	
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<p>(4K QLed UHD)</p> <p>Optimum resolution : 3840 x 2160 @120Hz E-Led BLU</p> <p>Brightness : 600 cd/m² (peak 1500cd/m²)</p> <p>Contrast ratio (typical) : 6000:01:00</p> <p>Viewing angle (H / V) : 178 / 178 degree</p> <p>Display colors : 1.07 Billion</p> <p>Touch Technology</p> <p>Touch points : 10 simultaneous point (min separation 20mm)</p> <p>Sensing Type : Mutual capacitance 2 layer</p> <p>Response Time : 16ms</p> <p>Accuracy : ±1.5mm</p> <p>Computer</p> <p>CPU : Intel Xeon Processor</p> <p>GPU : GTX 1080</p> <p>Memory : 16GB DDR4</p> <p>Storage : 2 x 256GB SSD</p> <p>Convenience</p> <p>Placement : Vertical (Landscape), Horizontal (Table)</p> <p>Energy saving functions : Ambient light sensor, Smart Power</p> <p>Dimensions</p> <p>Bezel thickness : 30 mm</p>	
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<p>horizontal, 30 mm vertical</p> <p>Set dimensions (W x H x D)</p> <p>Width : 1547 mm</p> <p>Height : min. 795 mm (in table mode)</p> <p>Height : max. 1185 mm (in table mode)</p> <p>Depth : 921 mm (in table mode)</p> <p>Product weight : 220 kg</p> <p>Operating conditions</p> <p>Temperature range : 10 - 35 °C(operation)</p> <p>Relative humidity : 20-80 % (non-condensing)</p> <p>Power :</p> <p>Consumption : 144 W (On Mode)</p> <p>Standby Consumption : <1W</p> <p>Power Options : 230V/120V</p> <p>Miscellaneous</p> <p>On-Screen Display Languages : Simplified Chinese, Danish, Dutch,</p> <p>English, Finnish, French, German, Greek,</p> <p>Italian, Japanese, Norwegian, Polish,</p> <p>Portuguese, Russian, Spanish, Swedish,</p> <p>Turkish</p> <p>Safety : 6 mm hardened antiglare glass</p>	
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	<p>Mobility : 4 pieces heavy duty wheels</p> <p>Software</p> <p>Sectra PACS : version 19.2 or later</p> <p>Operating system : Windows 10 Pro or higher</p> <p>Delivery date: Delivery date: Maximum of 90 days from the receipt of P.O. including weekends and holidays.</p> <p>Aftersales:</p> <ul style="list-style-type: none"> - Training on how to use should be shouldered by the company. - Training on aftercare should be shouldered by the company. - Troubleshoot and other problems should be shouldered by the company. <p>Power supply should be coordinated properly with the University to ensure compatibility with the University and City of Tagum's electrical supply.</p>	
		
9	<p>Plastinated Human (Real) Specimen Whole Body Intact (Male & Female set) (Viscera in</p>	

<p>Situ) With Casting of lower extremity (showing arteries, veins and nerves without bones) including casting specimen of upper limb showing the blood vessels without bones.</p> <p>Left Half showing superficial muscles and other right half in deep muscle dissection. Front and back .</p> <p><i>Synopsis:</i> Skeletal muscle is an important portion of locomotive system and is also The emphases of teaching. After delicately dissected, the specimen displays the skeletal muscle of the whole human body and some cutaneous nerves And superficial arteries which are remained simultaneously. One side of the Specimen displays superficial layers muscles and the other side displays Deep layer muscles. By meansof the contrast between the two sides, students can deeply understand and grasp the position and relationship of the muscles.</p> <p>Abdominal cavity:</p> <p>1. The remained organs are liver, pancreas, stomach (only fundus and pyloric part), duodenum, terminal part of ileum, caecum and vermiform appendix, ascending and descending colons (including left and right colic flexures), sigmoid colon, rectum, spleen, the two kidneys and suprarenal glands, the two ureter, urinary bladder (a window on it to display trigone of bladder), superior and inferior mesenteric arteries. In addition, testis, ductus defens, seminal vesicle, and penis are remained on a male specimen, while ovary, uterine tube and uterus are remained on a</p>	
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	<p>female specimen.</p> <p>2. The inferior vena cava, renal veins, abdominal aorta, internal and externaliliac veins and arteries are remained.</p> <p>3. The diaphragm, iliopsoas, psoas minor and quadratus lumborum are remained. The superficial and deep layer muscles are displayed on the left and right limbs respectively.</p> <p>Delivery date: Maximum of 9 months</p> <p>Aftersales:</p> <ul style="list-style-type: none"> - The company is liable if signs of decay (e.g. oily, foul smell, molds, maggots, etc.) is seen due to their fault (not plastinated properly) the company must replace the items without the cost of the University. <p>Training should be shouldered by the company on instructions on how to take care and use.</p>	
		




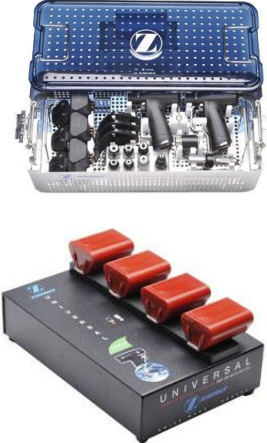
<p>10</p>	<p>Brain Model, 8 parts</p> <p>PVC Model</p> <p>A very detailed model of the human brain which is medially divided. Both halves of this brain can be disassembled into:</p> <p>Frontal with parietal lobes</p> <p>Temporal with occipital lobes</p> <p>Half of brain stem</p> <p>Half of cerebellum</p> <p>This brain is a great educational tool for teaching and learning about the human nervous system and anatomy of the brain. The detailed brain is delivered on a removable base for easy display in the classroom.</p>	
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	<p>Delivery date: Maximum of 30 days from the receipt of P.O. including weekends and holidays.</p> <p>Aftersales:</p> <p>Training on aftercare and use should be shouldered by the company.</p>	
		
<p>11</p>	<p>$\frac{3}{4}$ Life-Size Dual Sex Muscle Model on a metal stand with 5 casters, 45 parts.</p> <p>This muscle figure is the finest teaching tool available! Standing over 4 1/2 feet tall, this 3/4 life-size human replica depicts deep and superficial musculature in addition to the body's major nerves, vessels, tissues and organs in exquisite detail. The internal organs are removable (45 pieces in all) to reveal the fundamental interrelationships of human morphology.</p> <p>Remove the calvarium to view the 3-part removable brain.</p> <p>Look beneath the liver to reveal the gallbladder and bile duct. Peer inside the appendix, stomach lungs, heart or kidney. Remove and view the details of 13 different muscles of the arms</p>	

<p>and legs.</p> <p>This dual sex muscle figure version has interchangeable genital inserts and a female mammary gland as well as a detailed multilingual product manual identifying over 600 hand-numbered structures.</p> <p>Hand-painted and mounted on a convenient roller base.</p> <p>Includes the following features:</p> <p>5 arm/shoulder muscles</p> <p>8 leg/hip muscles</p> <p>2-part removable heart</p> <p>5-part head with removable brain</p> <p>2-part removable lungs</p> <p>2-part stomach</p> <p>Removable 4-part male and 2-part female genital inserts</p> <p>Detachable arms, leg, head, and abdominal wall for detailed study</p> <p>Now on a stable metal stand with 5 casters!</p> <p>Delivery date: Maximum of 90 days from the receipt of P.O. including weekends and holidays.</p> <p>Aftersales:</p> <p>Training on aftercare should be shouldered by the company.</p>	
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12	<p>Medical Hand Held Electric Bone Saw (reamer, drill, saw)</p> <p>Universal Power System surgical equipment gives surgeons unmatched precision and reliability. This Swiss engineered orthopedic surgery tool is powerful and lightweight, featuring a single handpiece for drilling, reaming, and sawing. Simply choose the handpiece that meets your power-supply needs—battery, electrical, or pneumatic—and the exact attachments for the surgery procedures you perform. Your fully customized system can help increase efficiency, minimize clutter, and reduce costs. This is the lightest large-bone system on the market, carefully balanced to improve maneuverability and reduce fatigue. The unique hub design makes it simple to reposition attachments to navigate around anatomy.</p> <p>Brushless and sensorless electronic motor delivers the necessary speed and torque while improving power output and reliability Lithium battery</p>	

	<p>technology provides superior run times and increased cycle life for reliable power on demand with consistent performance throughout surgical procedures.</p> <p>Attachments Each handpiece works with the complete line of attachments: Drill attachments = 5 SKUs Reamer attachments = 5 SKUs x 3 speeds Pin/Wire Driver = 1 SKU (handles 1–4 mm wires) Saw attachments = 2 SKUs Modular couplings = 8 SKUs</p> <p>Type</p> <p>reamer, drill, saw</p> <p>Power source</p> <p>battery-powered</p> <p>Procedure</p> <p>orthopedic surgery</p> <p>Delivery date: Maximum of 60 days from the receipt of P.O. including weekends and holidays.</p> <p>Aftersales:</p> <p>Training on aftercare and use should be shouldered by the company.</p>	
		

		
13	<p>Dissecting Set (includes: mallet bone plitting and ridge chisel, set of dissecting knife, scissors, forceps, bone saws in all sizes.</p> <p>University Level Anatomy Dissecting Kit</p> <p>Black vinyl, zippered case has red velvet inner lining with 10 loops for organization. Contains straight teasing needle, bent teasing needle, 4½ " iris scissors, 4½ " medium point forceps, cartilage knife, 1 x 2 teeth tissue forceps, 5½ " surgical scissors, #3 scalpel handle, mall probe, #10 scalpel blades (pkg. of 10), 5" hemostatic forceps, and 6" ruler (includes: mallet bone splitting and ridge chisel, set of dissecting knife, scissors, forceps, bone saws in all sizes) – All metals should be high-grade stainless steel.</p> <p>Delivery date: Maximum of 30 days from the receipt of P.O. including weekends and holidays.</p> <p>Aftersales:</p> <p>Training on aftercare should be shouldered by the company.</p>	



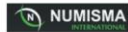
Bone Mallet Hammer



Implant Surgical Osteotome Chisels



Amputating Knives, Cartilage Knives and Autopsy Knives
Amputationsmesser, Knorpelmesser und Seziermesser



- | | | | | | | | |
|--|--|---|---|--|--|---|--|
| LISTON
82-111
Size: 130 mm
82-112
Size: 180 mm
82-113
Size: 190 mm
82-114
Size: 200 mm | 82-115
CATLIN
Size: 180 mm
Blade length
Amputating | 82-116
LANGENBECK
Size: 120 mm
Blade length
Flap knives | 82-117
Size: 110 mm
Blade length
Interosseal
knives | 82-118
Size: 55 mm
Blade length
with transpory
Wooden handle | 82-119
Size: 70 mm
Blade length
Wooden handle | 82-120
Size: 80 mm
Blade length
Metal handle | 82-121
Size: 105 mm
Blade length
Metal handle |
|--|--|---|---|--|--|---|--|
- Blade length
Amputating knives

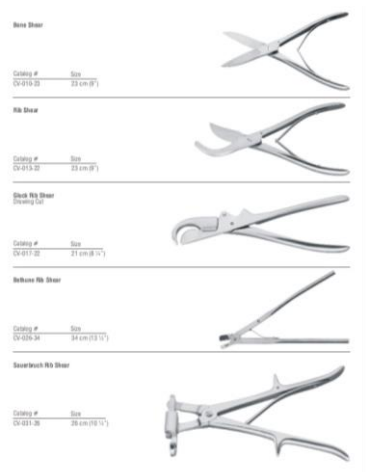







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14

Rib Shears (in different sizes)

Bone shear

	<p>Rib shear</p> <p>Gluck rib shear (Drawing Cut)</p> <p>Bethune Rib Shear</p> <p>Sauerbruch Rib Shear</p> <p>Giertz-Stille Rib Shear</p> <p>Brunner Rib Shear (For right Hand)</p> <p>Brunner Rib Shear (For left Hand)</p> <p>Lebsche Sternum Chisel</p> <p>Cooley Rib Spreader (For Adults, Aluminum)</p> <p>– All metals should be high-grade stainless steel.</p> <p>Delivery date: Maximum of 30 days from the receipt of P.O. including weekends and holidays.</p> <p>Aftersales:</p> <p>Training on aftercare should be shouldered by the company.</p>	
		

	<p>Genco 5516 Rib Shear</p>  <p>Cutting # Size CR-5517-27 24.5 cm (9 1/2")</p> <hr/> <p>Beaver Rib Shear For Right Hand</p>  <p>Cutting # Size CR-5401-26 24 cm (12 1/2")</p> <hr/> <p>Beaver Rib Shear For Left Hand</p>  <p>Cutting # Size CR-5402-26 24 cm (12 1/2")</p> <hr/> <p>Lubbock Shearless Chisel</p>  <p>Cutting # Size CR-5511-24 24.5 cm (9 1/2")</p> <hr/> <p>Cadaver Rib Spreader For Humerus, Scapulae</p>  <p>Cutting # Blade Size, Spread CR-5503-04 20 x 80 mm, 200 mm</p>	
15	<p>Cadaver Refrigerator 6-8 shelves</p> <ul style="list-style-type: none"> • Exterior fronts are clad with heavy-gauge, polished stainless steel. • Sides, backs, tops, interior walls and ceiling use stucco embossed aluminum. • Tongue-in-groove style panels for sure-tting, tight-seal wall construction. • Hermetically sealed compressors and quality-engineered refrigeration systems help provide operation temperature uniformity. • Fast response to changes in cabinet temperature, ambient conditions, product loadings and door openings. <p>GENERAL SPECIFICATIONS</p> <ul style="list-style-type: none"> • Temperature Range: 35-42°F • Front: 20 Ga. (.91mm) Type 304 Polished Stainless Steel, #4 Finish • Sides/Back/Top: .032" [.81mm] Stucco Embossed Aluminum • Interior Finishes • Walls/Ceiling: .032" [.81mm] Stucco Embossed Aluminum • Floor: 20 Ga [.91mm] Galvanized Steel • Insulation - Nominal 4" [102mm] Foamed In Place Polyurethane Insulation • Door Heater • Chrome Plated 	

	<p>Hardware • Keyed Latch • Card Holder • Gasket - Dart Style Replaceable • Three-piece telescopic tray carriage assembly provide full-extension operation • 500# capacity • Model MT1 Removable Tray Included • Quantity 1 per compartment • Refrigeration - Self-Contained Combination Package System, R404a refrigerant</p> <p>Accessories:</p> <ul style="list-style-type: none"> • Bariatric Congurations • Pass-through conguration • Lighting Fixture With Pilot Switch • Stainless Steel Interior • Stainless Steel Exterior • Stainless Steel Trim Enclosure Panels • Painted and alternate finishes • Model DTPM Temperature and Power Monitoring System • Model 7ER Circular Seven Day Chart Recorder • Outdoor Mounted Condensing Unit • Remote Air or Water Cooled Condensing Unit • Freezer Application • Alternate Electrical • Opposite door swing (right-handed is standard) • Roller frame tray rails with 	
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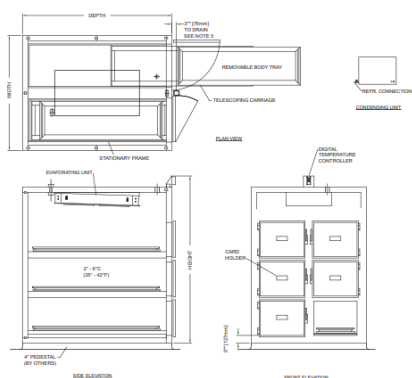
	<p>anti-tilt for compatibility with body transport systems</p> <ul style="list-style-type: none"> • Dual mechanical 100 percent back-up with auto switchover system <p>REMOVABLE BODY TRAY</p> <p>TELESCOPING CARRIAGE</p> <p>DIGITAL TEMPERATURE READOUT</p> <p>DIGITAL TEMPERATURE CONTROLLER</p> <p>CONDENSING UNIT PACKAGE SYSTEM</p> <p>CARD HOLDER</p> <p>EVAPORATING UNIT</p> <p>8 BODY CAPACITY</p> <p>Dimensions: DxWxH (84.5 x 141 x 82.5)</p> <p>Traditional style End-Opening Morgue Refrigerator provides individualized compartments for bodies and full-extension carriages for front loading and storage. Standard capacities run from one to twelve bodies. Greater capacities are available.</p> <p>The traditional remote-split refrigeration gives great flexibility for installation and retrofit of equipment.</p> <p>Delivery date: Maximum of 90</p>	
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days from the receipt of P.O. including weekends and holidays.

Aftersales:

Training on aftercare and should be shouldered by the company.

Power supply should be coordinated properly with the University to ensure compatibility with the University and City of Tagum's electrical supply.



16 **Stretcher Stainless for transport of cadaver**

Autopsy Cart – Elevating

Autopsy Cart elevates and tilts at

<p>both ends offering a variety.</p> <p>Tilting and/elevating autopsy cart are used in conjunction with the wall mounted autopsy sinks or as a simple viewing stretcher.</p> <p>Uses a stryker base which has an elevating height at 36cm</p> <p>Dual-locking levers, locks all wheel simultaneously from either end.</p> <p>Chassis is constructed of high impact PVC with twin pedestal hydraulics. Dual end wheel brake activator built-in.</p> <p>A variety of interchangeable, removable tops are available.</p> <p>No need for cart latch, simply use dual locking feature to keep cart in fixed position.</p> <p>Material: Stainless steel 304</p> <p>Autopsy station size: Width 81cm x Length 205cm x Height 80cm</p> <p>Load capacity 180Kg</p> <p>Delivery date: Maximum of 60 days from the receipt of P.O. including weekends and holidays.</p> <p>Aftersales:</p> <p>Training on use and aftercare should be shouldered by the company.</p> <p>Power supply should be coordinated properly with the University to ensure compatibility with the University and City of Tagum's electrical supply.</p>	
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17

Prepared Slides – Histology (set)

Prepared Microscope Slides (100-Count) Histology Human Tissue Study | Home or School Educational Use | Blood, Muscle, and Organ Samples | Safe Sealed Cover Slips

- 100 Slide prepared for microscopic view out of box
- Educational quality for histology course in medical school
- Carefully sliced, fixed, dyed, mounted and chosen by experienced hand

Human Histology Slides 100-Set

HH01 Simple Squamous Epithelium Frontal View	HH51 Human Spleen Sec.
HH02 Stratified squamous Epithelium Sec.	HH52 Thymus Sec.
HH03 Simple Columna Epithelium Sec	HH53 Palatine Tonsil Sec.
HH04 Simple Cuboidal Epithelium Sec.	HH54 Thyroid Gland Sec.
HH05 Columna Pseudo stratified ciliated epithelium	HH55 Kidney Sec. (Blood Vessels Injected)
HH06 Bladder Sec. (Void)	HH56 Adrenal Gland Sec.
HH07 Bladder Sec. (Expand)	HH57 Hypophysis Sec.
HH08 Simple Columnar Ciliated Epithelium Sec.	HH58 Tip of Tongue L.S.
HH09 Glandular Epithelium sec	HH59 Tongue Sec. (shows Taste Buds)
HH10 Stratified Squamous Epithelium Non-Cornified	HH60 Human Epityphon Sec.
HH11 Loose Connective Tissue W.M.	HH61 Esophagus - Cardiac Department S
HH12 Loose Connective Tissue W.M. (Stomach Fundic)	HH62 Fundus of Stomach Sec.
HH13 Bone Joint L.S.	HH63 Human Stomach Sec.
HH14 Bone Sec.	HH64 Human Kidney through the Cortex 2
HH15 Human Dense Connective Tissue Sec.	HH65 Kidney, L.S.
HH16 Human Chromosome Normal Male W.M.	HH66 Jejunum Sec.
HH17 Human Chromosome Normal Female W.M.	HH67 Pylorus - Duodenal Portion Section
HH18 Adipose Tissues Sec.	HH68 Duodenum Sec.
HH19 Hyaline Cartilage Sec.	HH69 Oesophagus T.S.
HH20 Elastic Cartilage Sec.	HH70 Ileum Sec.
HH21 Fibro Cartilage Sec.	HH71 Colon Sec.
HH22 Human Blood smear	HH72 Large Intestinal T.S.
HH23 Hair W.M.	HH73 Parotid Sec.
HH24 Red Marrow Smear	HH74 Submandibular Gland Sec.
HH25 Medulla Oblongata Sec.	HH75 Liver of Human Sec.
HH26 Smooth Muscle Teased Preparation W.M.	HH76 Liver, T.S. Bile Ducts
HH27 Smooth Muscle L.S.	HH77 Gall Bladder Sec.
HH28 Olfactory Membrane Sec.	HH78 Trachea T.S.
HH29 Skeletal Muscle Teased W.M.	HH79 Lung of Human Sec.
HH30 Skeletal Muscle C.S.	HH80 Lung Sec. (Blood Vessels Injected)
HH31 Skeletal Muscle L.S.	HH81 Epiglottis Sagittal Sec.
HH32 Cardiac Muscle Sec.	HH82 Human Ureter T.S.
HH33 Cardiac Muscle Teased W.M.	HH83 Sperm Smear
HH34 Inner Ear Sec.	HH84 Penis Sec.
HH35 Neurocytes Isolated W.M.	HH85 Testis sec.
HH36 Motor End Plate W.M.	HH86 Eyeball Sagittal Sec.
HH37 Spinal Cord T.S.	HH87 Corpus Luteum Sec.
HH38 Spinal Cord L.S.	HH88 Eyelid Sagittal Sec.
HH39 Brains Sec. Pyramidal Neurons	HH89 Epididymis Sec.
HH40 Cerebellar Cortex Ourkinje Cells Sec.	HH90 Prostate of Human Sec.
HH41 Myelinated Nerve Fiber W.M.	HH91 Ovary of Human Sec.
HH42 Nerves Trunk T.S.	HH92 Uterine Cervix Sec.
HH43 Nerves Trunk L.S.	HH93 Ampulla of Uterine Tube of Human
HH44 Spinal Ganglion Sec.	HH94 Mammary Gland (Stationary Phase)
HH45 Human Heart Sec.	HH95 Placenta of Human Sec.
HH46 Pancreas Sec.	HH96 Skin of Human (shows Sweat Gland)
HH47 Arteriovenous Nerve T.S.	HH97 Human Skin Sec. through Hair Follic
HH48 Artery Sec.	HH98 Tactile Corpuscle Sec.
HH49 Large Vein Sec.	HH99 Human Finger T.S.
HH50 Lymphoid Node Sec.	HH100 Finger Nail Sec.
Sec.: section	L.S.: longitudinal section
C.S.: cross section	W.M.: whole mount



Delivery date: Maximum of 30 days from the receipt of P.O. including weekends and holidays.

Aftersales:


Training on aftercare should be shouldered by the company.

Prepared slides should be with high quality.

Human Histology Slides 100-Set

- | | |
|--|---|
| <ul style="list-style-type: none"> H401 Simple Squamous Epithelium Frontal View H402 Stratified Squamous Epithelium Sec. H403 Simple Columnar Epithelium Sec. H404 Simple Cuboidal Epithelium Sec. H405 Columnar Pseudo stratified ciliated epithelium H406 Bladder Sec. (Vesal) H407 Bladder Sec. (Gland) H408 Simple Columnar Ciliated Epithelium Sec. H409 Glandular Epithelium sec. H410 Stratified Squamous Epithelium Non-Cornified H411 Loose Connective Tissue W.M. H412 Loose Connective Tissue W.M. (Stomach Fundic) H413 Bone Joint L.S. H414 Bone Sec. H415 Human Dental Connective Tissue Sec. H416 Human Chromosome Normal Male W.M. H417 Human Chromosome Normal Female W.M. H418 Adipose Tissue Sec. H419 Hyaline Cartilage Sec. H420 Elastic Cartilage Sec. H421 Fibro Cartilage Sec. H422 Human Blood smear H423 Hair W.M. H424 Red Marrow Smear H425 Medulla Oblongata Sec. H426 Smooth Muscle Teased Preparation W.M. H427 Smooth Muscle L.S. H428 Olfactory Membrane Sec. H429 Skeletal Muscle Teased W.M. H430 Skeletal Muscle C.S. H431 Skeletal Muscle L.S. H432 Cardiac Muscle Sec. H433 Cardiac Muscle Teased W.M. H434 Inner Ear Sec. H435 Neutrophils Isolated W.M. H436 Motor End Plate W.M. H437 Spinal Cord T.S. H438 Spinal Cord L.S. H439 Basal Sec. Pyramidal Neurons H440 Cerebellar Cortex Outlying Cells Sec. H441 Myelinated Nerve Fiber W.M. H442 Nerve Tunik T.S. H443 Nerve Tunik L.S. H444 Spinal Ganglion Sec. H445 Human Heart Sec. H446 Pancreas Sec. H447 Autonomic Nerve T.S. H448 Artery Sec. H449 Large Vein Sec. H450 Lymphoid Node Sec. Sec. section C.S. cross section | <ul style="list-style-type: none"> H451 Human Spleen Sec. H452 Thyroid Sec. H453 Pituitary Tumor Sec. H454 Thyroid Gland Sec. H455 Kidney Sec. (Blood Vessels Injected with Colored Gelatin) H456 Adrenal Gland Sec. H457 Hypophysis Sec. H458 Tip of Tongue L.S. H459 Tongue Sec. (Below Taste Buds) H460 Human Epiglottis Sec. H461 Esophagus - Cardiac Department Sec. H462 Fundus of Stomach Sec. H463 Human Stomach Sec. H464 Human Kidney through the Cortex Zone T.S. H465 Kidney L.S. H466 Spleenum Sec. H467 Pylorus - Duodenal Portion Sections H468 Duodenum Sec. H469 Oesophagus T.S. H470 Noun Sec. H471 Colon Sec. H472 Large Intestinal T.S. H473 Prostate Sec. H474 Submandibular Gland Sec. H475 Liver of Human Sec. H476 Liver T.S. Bile Ducts H477 Gall Bladder Sec. H478 Trachea T.S. H479 Lung of Human Sec. H480 Lung Sec. (Blood Vessels Injected with Colored Gelatin) H481 Epiglottis Sagittal Sec. H482 Human Uterus T.S. H483 Sperm Smear H484 Penis Sec. H485 Testis sec. H486 Eyeball Sagittal Sec. H487 Cornea Section Sec. H488 Eyeball Sagittal Sec. H489 Esophagus Sec. H490 Prostate of Human Sec. H491 Ovary of Human Sec. H492 Uterine Cervix Sec. H493 Ampulla of Distal Tube of Human T.S. H494 Mammary Gland (Stationary Phase) Sec. H495 Placenta of Human Sec. H496 Skin of Human (Human Sweat Gland) Sec. H497 Human Skin Sec. through Hair Follicle H498 Testis Corpuscle Sec. H499 Human Finger T.S. H500 Finger Nail Sec. L.S. longitudinal section W.M. whole mount |
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18	<p>Set LB-252 with LBHC3E-1080P Digital Biological Microscope</p> <p>Description and specifications:</p> <p>LB-252/ Binocular Biological Medical Microscope with Wide Field Eyepiece microscopes are classical biological microscopes with ingenious stand,</p> <p>high definition optical system, sharp image and comfortable operation, which make your work much enjoyable.</p> <p>Features</p> <ul style="list-style-type: none"> ü High contrast and sharp image with high quality optical system. ü Low environment requirement with Anti-mould technology. ü Comfortable operation with low position coarse and fine adjustment knobs. ü ECO function is optional; automatically turn off after 15 mins of no use. ü With cord rest on the back, making the working table clean 	

<p>and tidy.</p> <p>Technical Specifications</p> <p><i>Applications</i></p> <p>LB-252 Binocular Biological Medical Microscope with Wide Field Eyepiece is an ideal instrument in biological, pathological, histological, bacterial, immune, pharmacological and genetic fields. They can be widely used in medical and sanitary establishments, such as hospitals, clinics, laboratories, medical academies, colleges, universities and related research centers.</p> <p>Optical System : Infinite optical system</p> <p>Viewing Head : Seidentopf Binocular Head, 30°Inclined,</p> <p>Interpupillary Distance 47-78 mm, ANTI-FUNGUS</p> <p>Eyepiece : WF 10X/20mm with pointer, ANTI-FUNGUS</p> <p>Nosepiece : Backward Quadruple Nosepiece</p> <p>Objective : Infinite Plan Achromatic Objectives 4× NA: 0.10,</p> <p>W.D.: 17.3mm; 10× NA: 0.25, W.D: 10mm; 40× NA: 0.65,</p> <p>W.D.: .54mm; 100×Oil NA: 1.25, W.D.: 0.13mm, ANTI-FUNGUS</p> <p>Focusing : Coaxial Coarse and Fine Adjustment,</p> <p>Moving Range 0.002mm, Fine Division 20mm</p>	
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	<p>Condenser : Abbe Condenser, NA1.25</p> <p>Stage : Rackless Double Layers Mechanical Stage 150mm×139mm,</p> <p>Moving Range 75mm×52mm</p> <p>Illumination : S-LED Illumination, Brightness Adjustment</p> <p>Package : 1pc/carton, 36*26*46mm, gross weight: 8kg</p> <p>Introduction</p> <p>LBHC3E-1080P HDMI Microscope Camera is a 1080P economic HDMI digital camera. LBHC3E-1080P can be connected to a 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 software.</p> <p>Feature</p> <p>1. Use mouse to control the Camera.</p> <p>When the camera is connected to LCD monitor or HD TV, you can control the camera by only a mouse, it is easy to operate and no shaking.</p> <p>2. Record image and video to SD card.</p> <p>Record high definition images and videos at 15fps/1080P into the inserted SD card directly.</p>	
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3. High frame rate of 15fps.

LBHC3E-1080P can transfer uncompressed data of resolution 1920x1080 to LCD monitor or PC at 15fps speed. The camera support Win XP, win7/8, 32/64bit, MAC OSX , driver free.

4. The functions inside camera (Cloud 1.0)

(1) The less Icons the Better.

The implanted software is very simple to operate. There are only the icons on the software starting screen, one for capture, the other one for setting menu.

(2) Set Exposure Time Capability.

Based on the auto exposure, the first time, HDMI camera also has a full control of the exposure time and gain. It allows setting the exposure time from 1ms to up to 10 seconds and adjusts 20 scales of Gain value.

(3) 3D Noise Reduction.

The extension of the exposure increases the image noise. But the integrated 3D noise reduction function keeps the LBHC3E-1080P image always clean and sharp. The following comparison images show the amazing 3D noise reduction effect.

(4) 1080P Video Recording.

Just click “ ” to start recording 1080P videos at 15fps. The recorded video files will be saved to the high speed SD card directly. It is also allowed to play back the videos in the SD card

directly.

(5) Get more Details with ROI Magnification Function.

A series image operation buttons on the right side of the screen allow to do the image flip, rotation and ROI. ROI function can help you get more image details with a magnified image.

(6) Image Comparison Function.

The image comparison function is available in the setting menu. You can choose one image, even move the image position or select the ROI area to compare with the live images.

(7) Browse Captured Images.

All the captured images are saved in the SD card. The users can browse all the images in the SD card, zoom in images or delete unnecessary images. You also can review and play back the video files in the SD card directly.

(8) Future.

The design orientation of LBHC3E-1080P implanted software is to bring the user-friendly and easy to use functions. If you have any good suggestions, please let us know. The online upgrade function is available for LBHC3E-1080P. Let us create better Cloud software together.

(9) PC software.

Want to have software with more powerful functions? Connect the LBHC3E-1080P to the PC via

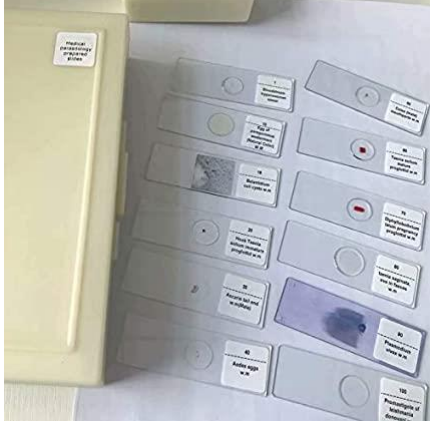
	<p>theUSB2.0 port, you can have a USB driver free camera immediately. The application software ISCapture, which integrate the remarkable functions like live and still image measurement, focus stacking and image stitching etc, can fully control the LBHC3E-1080P.</p> <p>Application</p> <p>LBHC3E-1080P can be used in many areas like microscopy imaging, machine vision and similar image processing fields, such as: Live Cell Imaging, Pathology, Cytology, Defect Analysis, Semiconductor</p> <p>Inspection, Navigation for Processed Imaging, Industrial Optical HD Digital Imaging.</p> <p>Specification</p> <p>Image Sensor : CMOS, Aptina MT9P031</p> <p>Sensor Size : 1/2.5"</p> <p>Pixel Size : 2.2um × 2.2um</p> <p>Video Resolution : 1920 × 1080</p> <p>Capture Resolution : 2592 × 1944</p> <p>Frame Rate : 1920 × 1080 15fps via USB2.0</p> <p>1920 × 1080 15fps via HDMI</p> <p>Data Record : SD Card (4G)</p> <p>Video Record : 1080p 15fps @ SD Card</p> <p>1080p 15fps @ PC</p> <p>Scan Mode : Progressive</p>	
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<p>Electronic Shutter : Electronic Rolling Shutter</p> <p>A/D conversion : 8 bit</p> <p>Color Depth : 24bit</p> <p>Dynamic Range : 60dB</p> <p>S/N ratio : 40.5dB</p> <p>Exposure time : 0.001 sec ~ 10.0 sec</p> <p>Exposure : Automatic & Manual</p> <p>White balance : Automatic</p> <p>Settings : Gain, Gamma, Saturation, Contrast</p> <p>Built- in software : Cloud 1.0 version</p> <p>PC software : ISCapture</p> <p>Output model 1 : USB2.0</p> <p>Output model 2 : HDMI</p> <p>System Compatible : Windows XP/Vista/Win 7/Win 8(32 and 64-bit), MAC OSX</p> <p>Optical port : C- Mount</p> <p>Power Supply : DC 12V /2A</p> <p>Operational Temperature : 0°C~60°C</p> <p>Humidity : 45%-85%</p> <p>Storage Temperature : -20°C~70°C</p> <p>Dimension & Weight : 74.4*67.2*90.9mm, 0.8kg</p> <p>Delivery date: Delivery date: Maximum of 90 days from the receipt of P.O. including</p>	
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	<p>weekends and holidays.</p> <p>Aftersales:</p> <ul style="list-style-type: none">- Training on how to use should be shouldered by the company.- Training on aftercare should be shouldered by the company.- Troubleshoot and other problems should be shouldered by the company. <p>Power supply should be coordinated properly with the University to ensure compatibility with the University and City of Tagum's electrical supply.</p>	
		





<p>19</p>	<p>Prepared Slides – Parasitology (set of 50)</p> <p>Medical Parasite Microscope Prepared Slides parasitology Prepared Slides</p> <ul style="list-style-type: none"> • 50pcs/set Medical parasitology prepared slides • Glass Slides Size: 76.2*25.4*(1-1.2)mm • Stain: hematoxylin or eosin staining,etc. • Material:glass microscope slides • Function: educational 	
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	<p>supply microscope accessories</p> <p>Delivery date: Maximum of 30 days from the receipt of P.O. including weekends and holidays.</p> <p>Aftersales:</p> <p>Training on aftercare should be shouldered by the company.</p> <p>Prepared slides should be of high quality.</p>	
		
20	<p>Automated Microbiology Bacterial Identification and Anti-microbial Susceptibility System</p> <p>FLEXIBILITY</p> <ul style="list-style-type: none"> • The barcoding system improves traceability by linking patient isolates and test cards. • allows patient demographics to be linked to microbiology results. • Simultaneous multi-user access to systems lets microbiologists finalize results from individual workstations. <p>RELIABLE AND SAFE</p> <ul style="list-style-type: none"> • Proven accuracy with faster results, contributing to improved patient outcomes¹⁻⁴ • Closed system: no aerosols, splattering or spills • Full traceability with 	

<p>pre-applied barcodes • Lightweight: reduced waste and biohazard disposal costs while minimizing storage space • CLSI* compliant AST formulations available producing MICs</p> <p>BROAD AND EXPANDING ID/AST TEST MENU</p> <p>IDENTIFICATION CARD TYPES:</p> <ul style="list-style-type: none"> • GN (Gram negative bacilli) 162 organisms • GP (Gram positive cocci & bacilli) 124 organisms • ANC (anaerobes & Corynebacteria) 89 organisms • NH (Neisseria & Haemophilus) 32 organisms • YST (Yeast) 54 organisms <p>ANTIBIOTIC SUSCEPTIBILITY CARD TYPES**:</p> <ul style="list-style-type: none"> • Gram negative Bacilli 36 antimicrobials and ESBL† test • Staphylococci &/or Enterococci 24 antimicrobials, 2 high level aminoglycoside screens and ICR†† test • Streptococci 13 antimicrobials and ICR test • Streptococcus pneumoniae 16 antimicrobials • YST (Yeast) 3 antimicrobials <p>BROAD AND EXPANDING ID/AST TEST MENU **Availability pending registrations as required by local regulatory authority † Extended-</p>	
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	<p>spectrum-beta-lactamase YST card now with Candida auris †† Inducible clindamycin resistance</p> <p>CAPACITY OPTIONS</p> <ul style="list-style-type: none"> • 15, 30, or 60 cards per instrument <p>CONNECTIONS</p> <ul style="list-style-type: none"> • 2 instruments can be connected to the same PC <p>DIMENSIONS • 23.6'' x 28.3'' x 26.8'' (72 x 68 x 60 cm)</p> <p>WEIGHT • 165 lb (75 kg)</p> <p>HEAT DISSIPATED</p> <ul style="list-style-type: none"> • 1025 BTU/Hr. (nominal) <p>ENVIRONMENTAL REQUIREMENTS</p> <ul style="list-style-type: none"> • Operating ambient temperature range of 15°C to 30°C • Operating humidity range: 20% to 80% relative humidity, non-condensing <p>ALTITUDE • up to 2,000 m</p> <p>ELECTRICAL REQUIREMENTS: 220 VAC (50-60 Hz)</p> <p>Delivery date: Delivery date: Maximum of 90 days from the receipt of P.O. including weekends and holidays.</p> <p>Aftersales:</p> <ul style="list-style-type: none"> - Training on how to use should be shouldered by the company. - Training on aftercare should be shouldered by 	
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	<p>the company.</p> <ul style="list-style-type: none"> - Troubleshoot and other problems should be shouldered by the company. <p>Power supply should be coordinated properly with the University to ensure compatibility with the University and City of Tagum's electrical supply.</p>	
	 	
21	<p>Prepared Slides – Pathology (set)</p> <p>100-Set Prepared Microscope Typical Pathology Slides for Human Medicine Study Education</p> <ul style="list-style-type: none"> • 100 different cases with confirmed diagnosis • Slides with Hematoxylin and Eosin (HE) stained samples 	

- Clear and typical structure and color

Delivery date: Maximum of 60 days from the receipt of P.O. including weekends and holidays.

After-sales:

Training on aftercare should be shouldered by the company.

Prepared slides should be of high quality.

Human Medicine Teaching Pathology Slides 100 Set

PL001	Siviter's Lung	PL051	Acute suppurative appendicitis
PL002	Stenosis of the aorta	PL052	Acute phlegmonous appendicitis
PL003	Compensatory atrophy of kidney	PL053	Chronic appendicitis
PL004	Kidney proximal tubule epithelial cloudy swelling	PL054	Hepatic cirrhosis
PL005	Liver fatty degeneration	PL055	Chronic cholecystitis
PL006	Coronary artery hyaline degeneration pathology	PL056	Carcinoma of esophagus (well diff. squamous cell carcinoma)
PL007	Hyaline degeneration of connective tissue	PL057	Gastric adenocarcinoma (well diff. tubular adenocarcinoma)
PL008	Casus necrosis (lymph or kidney)	PL058	Carcinoma of the large intestine (well diff. tubular adenocarcinoma)
PL009	Infection (spleen, kidney or stomach)	PL059	Hepatobiliary carcinoma
PL010	Granulation tissue	PL060	Hodgkin lymphoma
PL011	Squamous metaplasia of bronchial mucosa	PL061	Non-Hodgkin's Lymphoma
PL012	Gastric mucosa intestinal metaplasia	PL062	Acute hepatitis
PL013	Chronic congestion of lung	PL063	Chronic glomerulonephritis
PL014	Chronic congestion of liver	PL064	Sclerosing glomerulonephritis
PL015	Typhoid	PL065	Acute pyelonephritis
PL016	Inflammatory cells	PL066	Chronic pyelonephritis
PL017	Suppurative inflammation (spleen or brain)	PL067	Kidney adenocarcinoma
PL018	Phlegmon (pyelitis or sinus or cervix)	PL068	Transitional cell cancer of bladder
PL019	Tuberculous granuloma	PL069	Cervicitis
PL020	Eosinophilic granuloma	PL070	Cervical polyp
PL021	Silicopneumonia	PL071	Cervical cancer (squamous cell carcinoma)
PL022	Interstitial adenomatosis	PL072	Carcinoma of endometrium
PL023	Fibrosis	PL073	Adenocarcinoma
PL024	Leiomyoma (uterus)	PL074	Hyaline mole
PL025	Lipoma	PL075	Choriocarcinoma
PL026	Hemangioma	PL076	Ovary carcinoma
PL027	Well diff. squamous cell carcinoma	PL077	Breast adenocarcinoma
PL028	Well differentiated adenocarcinoma	PL078	Carcinoma of the breast
PL029	Fibrosarcoma	PL079	Prostate hyperplasia
PL030	Liposarcoma	PL080	Cancer of prostate
PL031	Rhabdomyosarcoma	PL081	Germ cell tumor of testis
PL032	Liposarcoma	PL082	Brain astrocytoma
PL033	Melanoma	PL083	Osteosarcoma
PL034	Lymph node secondary carcinoma	PL084	Meningeal meningioma
PL035	Rheumatic myocarditis	PL085	Casoon pneumonia
PL036	Rheumatic endocarditis	PL086	Kidney adenocarcinoma
PL037	Hypertensive nephrosclerosis	PL087	Lymph node tuberculoma
PL038	Atherosclerosis in aorta	PL088	Cystic hyperplasia of ovary
PL039	Coronary artery atherosclerosis	PL089	Typical liver of metastases
PL040	Myocardial infarction	PL090	Acute testis atrophy
PL041	Chronic bronchitis	PL091	Purulent meningitis
PL042	Emphysema	PL092	Type II alcoholic cirrhosis
PL043	Lobar pneumonia	PL093	Acute hepatitis
PL044	Lobar pneumonia	PL094	Chronic aggressive hepatitis
PL045	Interstitial pneumonia	PL095	Acute severe hepatitis
PL046	Silicosis	PL096	Bacterial meningitis
PL047	Nasopharyngeal carcinoma (vesicular nucleus cell)	PL097	Simple pituitary
PL048	Lung cancer	PL098	Testis germ (type II spermatid)
PL049	Atrophic gastritis	PL099	Thyroid adenoma
PL050	Chronic gastric ulcer	PL100	Thyroid adenocarcinoma



22

Digital Slides in Histology, Pathology etc..(Non for Para and Micro) (Set of 100 slides)

-Compatible with Virtual Dissection Table or any Computer

General Histology Digital Slides

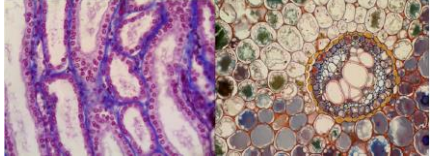

Adenocortical Adenoma

Atherosclerosis	
Acute Appendicitis	
Osteochondroma	
Healed Myocardial Infarctions	
Medulloblastoma	
Astrocytoma	
Cavernous Hemangioma Tongue	
Osteoma	
Rhinosporidiosis Nose	
Ectopic Tubal Pregnancy	
Degeneration of Fibrocartilage	
Enchondroma	
Clear Cell Renal Cell Carcinoma	
Amoebic Edema	
Lipoma	
Fibroma	
Bronchogenic Carcinoma	
Tuberculosis Lymphnode	
Polyarteritis Nodosa	
Squamous Cell Carcinoma Cervix	
Fatty Liver	
Serous Adenocarcinoma Ovary	
Leiomyoma Uterus	
Adenocarcinoma Pancreas	
Optic Nerve glioma	
Parathyroid Adenoma	


Neurofibroma	
Neurilemmoma	
Pituitary Adenoma	
Retinoblastoma	
Pleomorphic adenoma	
Capillary hemangioma	
Rhabdomyosarcoma Pleomorphic	
Sarcoma Botroides	
Tuberculosis Intestine	
Leiomyoma	
Poliomyelitis Spinal Cord	
Infarction spleen	
Carcinoma stomach	
Seminoma testis	
Palmpantar Wart	
Verruca Vulgaris	
Thymoma	
Papillary Carcinoma Thyroid	
Chronic Tonsilitis	
Bronchiectasis	
Transitional Cell Carcinoma Ureter	
Tuberculous Cystitis	
Thrombophelbitis	
General Histology Digital Slides	
Adrenal Cortex and Medulla	

Aorta	
Appendix	
Cancellous Bone	
Cardiac Muscle	
Cerebellum	
Cerebrum	
Circumvallate papillae adult tongue	
Compact-Bone	
Elastic Cartilage Nasal Septum	
Fallopian Tube	
Fibrocartilage	
Hyaline-Cartilage	
Kidney	
Large Intestine	
Lipoma (adipose tissue)	
Loose-Areolar-Tissue	
Lung	
Lymph node	
Medium-Sized-Artery	
Normal Cervix	
Normal Liver	
Normal Ovary	
Normal Uterus	
Pancreas	
Optic Nerve	
Parathyroid Gland	


<p>Peripheral Nerve L.S</p> <p>Peripheral Nerve T.S</p> <p>Pituitary Gland</p> <p>Retina</p> <p>Salivary Gland</p> <p>Simple Squamous Epithelium – capillaries</p> <p>Skeletal Muscle C.S</p> <p>Skeletal Muscle T.S</p> <p>Small-Intestine</p> <p>Smooth Muscle</p> <p>Spinal-Cord</p> <p>Spleen</p> <p>Stomach</p> <p>Testis</p> <p>Thick-Skin</p> <p>Thin-Skin</p> <p>Thymus</p> <p>Thyroid</p> <p>Tonsil</p> <p>Trachea</p> <p>Ureter</p> <p>Urinary Bladder</p> <p>Vein</p> <p>Delivery date: Maximum of 90 days from the receipt of P.O. including weekends and holidays.</p>	
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	<p>Aftersales:</p> <p>Training on aftercare should be shouldered by the company.</p>	
		
23	<p>Human Physiology System</p> <p>Includes a four-channel PowerLab 15T data acquisition unit with an integrated isolated stimulator and dual-channel bioamplifier. The selection of transducers and accessories allow students to complete a wide range of Labstation human physiology experiments. These include ECG, EEG, EMG, blood pressure, cardiovascular effects of exercise, breathing, and reflexes and reaction times.</p> <p>Delivery date: Maximum of 90 days from the receipt of P.O. including weekends and holidays.</p> <p>Aftersales:</p> <p>Training on aftercare should be shouldered by the company.</p>	
		
24	<p>Human Respiratory Kit with Disposable droplet Filters</p> <p>PTK 10 Human Respiratory Kit</p> <p>Suitable for performing</p>	

	<p>respiratory experiments on human subjects. Capable of recording inhalation and exhalation parameters such as minute ventilation and tidal volume, as well as PIF, PEF, FVC and FEV1.</p> <p>Recommended:</p> <p>Lt: Medicine, Nursing</p> <p>Lt or Lt LabStation: Human Physiology</p> <p>Powerlab 26T or 15T</p> <p>Kit Contains:</p> <p>Spirometer Pod</p> <p>Respiratory Flow Head</p> <p>Disposable Resiratory Kit (5)</p> <p>Clean Bore Tubing</p> <p>Flow Head Adapter</p> <p>Delivery date: Maximum of 90 days from the receipt of P.O. including weekends and holidays.</p> <p>Aftersales:</p> <p>Training on aftercare should be shouldered by the company.</p>	
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25	<p>Nerve Muscle Kit Nerve and Muscle Kit II</p> <p>The PTK19 Nerve and Muscle Kit II</p> <p>Suitable for conducting experiments using isolated non-human animal nerve, skeletal, smooth and cardiac muscle preparations. Capable of performing experiments including but not limited to earthworm action potentials, contractile force smooth, cardiac, and skeletal muscle, stimulation and drug influences on sciatic-gastrocnemius neuromuscular junction, as well as compound and extracellular actions potentials of insect sensory and ventral nerves.</p> <p>Recommended:</p> <p>Lt or LTLabstation: Animal Physiology Powerlab 26T or 15T</p> <p>includes:</p> <p>Teaching</p> <p>Force Transducer (0-500g)</p>	

	<p>Animal Nerve</p> <p>Stimulating Electrode</p> <p>Nerve Chamber</p> <p>Stimulator Cable,</p> <p>Two Differential Pod Input Cables</p> <p>Lead Wires (Alligator)</p> <p>Muscle Holder</p> <p>Manipulator with Stand</p> <p>Delivery date: Maximum of 90 days from the receipt of P.O. including weekends and holidays.</p> <p>Aftersales:</p> <p>Training on aftercare should be shouldered by the company.</p>	
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26	<p>Laboratory Hood</p> <ul style="list-style-type: none"> • Biosafety Cabinet, 4 ft - With international certification - External Dimension WxDxH: 1334x789x1537mm - Internal Dimensions WxDxH: 1220x626x749mm - Cabinet Main Construction: Stainless Steel #304 - Air Flow: 70% recirculated/30% exhausted - Window Operation Height: 20cm – 25cm - Ave. Inflow Velocity: 0.51 m/s - Ave. Downflow Velocity: 0.325 m/s - Exhaust Air Volume with Exhaust Canopy: 16m³/min . 20m³/min - Supply/Exhaust HEPA Filter - Light Intensity: >1, 000 lux - Sound Level: <60dBA - UV Lamp: 254 nm/FL 300W x 1 - Fluorescent Lamp: T5.28W x 2 - Window Glass: 6mm tempered glass 	

	<ul style="list-style-type: none"> - Electric Outlets: North America (UL Listed), Europe/Worldwide (CE Certified) - Accessories: IV bar with 6 hooks, service valves (air, gas, vacuum), CSA Certified, Exhaust canopy - Room Height Suggested: 227cm least - Power Consumption: 230V/7A – 430W - Net weight, Kg: 275 <p>Delivery date: Delivery date: Maximum of 90 days from the receipt of P.O. including weekends and holidays.</p> <p>Aftersales:</p> <ul style="list-style-type: none"> - Training on how to use should be shouldered by the company. - Training on aftercare should be shouldered by the company. - Troubleshoot and other problems should be shouldered by the company. <p>Power supply should be coordinated properly with the University to ensure compatibility with the University and City of Tagum’s electrical supply.</p>	
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27

Water Bath

Circulating water bath with immersion pump

Excellent temperature control.

Large bath opening for easy immersion of samples.

Stainless steel tank

Long life immersion stainless pipe heater.

Stirring type: Circulating

Capacity: 10 liters

Inner tank dimension (mm)
(WxDxH)

Temperature setting/readout:
Digital


Temperature Control: PID

Temperature Sensor: PT 100Ω


Stability: ±0.2°C

Working temperature range:
Ambient +5~100°C

	<p>Power watt: 1200W</p> <p>Accessory: Flat Lid, gable cover, external circulation equipment, test tube rack</p> <p>Dimension (mm) (WxDxH): 275x335x190</p> <p>Weight (kg) (N.W./G.W): 8.0/9.5</p> <p>Power supply: AC 220V 50/60Hz</p> <p>Inclusive: test tube racks, flat lid, gable cover, control head with external circulation equipment</p> <p>Delivery date: Delivery date: Maximum of 30 days from the receipt of P.O. including weekends and holidays.</p> <p>Aftersales:</p> <ul style="list-style-type: none"> - Training on how to use should be shouldered by the company. - Training on aftercare should be shouldered by the company. - Troubleshoot and other problems should be shouldered by the company. <p>Power supply should be coordinated properly with the University to ensure compatibility with the University and City of Tagum's electrical supply.</p>	
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28	<p>Laboratory Autoclave (automatic with drying, Vertical, 80L)</p> <ul style="list-style-type: none"> - Microcomputer control system - Sterilization process can be pre-set and completed automatically - Solid mode, liquid mode, and drying function of R series - Simple and easily understandable control panel to show the sterilization temperature, sterilization time and drying time at the same time, pressing separate keys to set the temperature and time makes the operation easier. - System automatically monitors the discharging of the cold air to guarantee sterilizing environment of pure steam and optimal sterilization effects. - LED screen clearly shows the dynamic sterilization process - 13 error detection procedures to monitor the normal operation of the instrument. 	


<p>Technical Data:</p> <p>Capacity (L): 80</p> <p>Outer dimension (mm): 60x680x1042</p> <p>Sterilization chamber size (dia*H): Φ400x709</p> <p>Rated power supply: 220V/50Hz</p> <p>Rated Power: 4600</p> <p>Working environment: 5°C - 40°C, relative humidity 10%-85%</p> <p>Chamber material: SUS304 stainless steel</p> <p>Sterilization temperature: 105-135°C</p> <p>Sterilization Time: 1-300min</p> <p>Drying Time: 1-300min</p> <p>Range of pressure gauge: 0-0.4MPa</p> <p>Controller: Microcomputer control system</p> <p>Mode: Solid mode, liquid mode, drying function</p> <p>Safety Device: Self-induction interlocking device, over temperature protection system, dry scorch protection, over pressure protection, safety valve, over current and short circuit protection, cover checking system, electric leakage production, scald protection, automatic failure-inspection system</p> <p>Accessories: Stainless steel baskets, waste bottle, water plate,</p>	
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	<p>drainage hose</p> <p>Optional parts: Printer, printing set, stainless steel pails.</p> <p>Delivery date: Delivery date: Maximum of 30 days from the receipt of P.O. including weekends and holidays.</p> <p>Aftersales:</p> <ul style="list-style-type: none"> - Training on how to use should be shouldered by the company. - Training on aftercare should be shouldered by the company. - Troubleshoot and other problems should be shouldered by the company. - Power supply should be coordinated properly with the University to ensure compatibility with the University and City of Tagum's electrical supply. 	
		
29	Double-beam UV-VIS Spectrophotometer	


	<ol style="list-style-type: none"> 1. Double beam optical system 2. The main unit and PC software can independently implement functions of Quantitative; Kinetics; Wavelength Scan; Multi Wavelength; DNA/Protein and Data Printing, PC software can complete the function of data processing. 3. Suspended posture optical system design, strengthen and thicken the bottom plate to eliminate the vibration or transformation's impact on optical system. 4. 24-bit high speed and high precision A/D conversion, and improve the sensitivity of instrument. 5. The core components are imported from Germany and Japan. 6. The best optical system, based on top structure design, top technological requirements and top raw materials. 7. Standard with PC software. <p>Technical Data:</p> <p>Wavelength Range: 190-1100nm</p> <p>Bandwidth: 1.8nm</p> <p>Wavelength Accuracy: $\pm 0.1\text{nm}$ (D2 656.1nm), $\pm 0.3\text{nm}$</p> <p>Wavelength reproducibility: $\leq 0.1\text{nm}$</p> <p>Photometric Accuracy: $\pm 0.2\%T$</p> <p>Photometric Repeatability:</p>	
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<p>≤0.15%T</p> <p>Straylight: ≤0.03%T</p> <p>Stability: ±0.0004A/h (500nm)</p> <p>Draft: ±0.001A</p> <p>Noise: ±0.0005A</p> <p>Photometric Range: 0-200%T, -0.3—3A, 0-9999C</p> <p>Wavelength setting mode: Automatic</p> <p>Scanning speed: HI, MED, LOW, Optional</p> <p>Output: USB port</p> <p>Printer Port: Parallel Port</p> <p>Display: LCD (320*249 Pixel)</p> <p>Light Source: Deuterium & Tungsten Halogen Lamp</p> <p>Detector: Silicon Photodiode</p> <p>Granting System: 1200lines/mm</p> <p>Power: AC 220V/50Hz</p> <p>Dimension: 625x430x210mm</p> <p>Weight: 28Kg</p> <p>Delivery date: Delivery date: Maximum of 90 days from the receipt of P.O. including weekends and holidays.</p> <p>Aftersales:</p> <ul style="list-style-type: none"> - Training on how to use should be shouldered by the company. - Training on aftercare should be shouldered by the company. - Troubleshoot and other 	
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	<p>problems should be shouldered by the company.</p> <p>Power supply should be coordinated properly with the University to ensure compatibility with the University and City of Tagum's electrical supply.</p>	
		
30	<p>Biology Apparatus (Urinometer – 15 pcs, safety goggles (heavy duty) 10 pcs.</p> <p>Urinometer</p> <p>Other Characteristics: Vogel</p> <p>Description:</p> <p>1.000 – 1.060 g/cm³ Division 0.001 g/cm³, reference temperature +20 °C/+68 °F, length approx. 15 cm with steel metal ballast</p> <p>Safety Goggles:</p> <p>Economical goggle offers indirect venting and anti-fog coating for reduced fogging</p> <p>Sturdy polycarbonate lens</p> <p>Wide opening to fit over prescription eyewear</p> <p>Polycarbonate lens absorbs 99.9% UV</p>	


	<p>Delivery date: Maximum of 60 days from the receipt of P.O. including weekends and holidays.</p> <p>Note:</p> <p>Should include certification of calibration at least 1 sample per type of measuring product.</p>	
		
31	<p>Electrophoresis</p> <p>Electrophoresis System</p> <p>Advance DNA separation</p> <ul style="list-style-type: none"> - Smart power supply - Heat resistant material - Multichannel pipette compatible - Memory function - Gel casting set included <p>Specification:</p> <p>Compact Design: Overall dimensions: 183mm (B) x 59 mm (H) x 162 mm (L) Bath volume: 270-320ml</p> <p>Integrated power supply: Input voltage: AC100V-240V, 50-60Hz / Output Voltage: 8V, 25V,</p>	

	<p>35V, 50V, 70V, 100V and 135V</p> <p>Memory function: Automatic memory function from the last use</p> <p>Safety Lid: Without the lid, main power can not be operated</p> <p>Multi-channel pipette compatible: The included combs are multi channel pipette compatible</p> <p>Optimal gel tray size: Small gel tray: 130mm (B) x 16.5mm (H) x 59.5 mm (L)</p> <p>Large gel tray: 130mm (B) x 24mm (H) x 122 mm (L)</p> <p>Optimal comb size: Number of wells: 13 or 26</p> <p>Spacing size: 9mm (13 wells)</p> <p>Content: Electrophoresis system with 1x gel chamber, 1x power controller, 1x gel casting set, 4x combs, 2x gel trays S, 1x gel tray L</p> <p>Accessories:</p> <ul style="list-style-type: none"> - Gel casting set standard – 1x gel casting set, 4x combs, 2x gel trays S, 1x gel trays L - Gel casting set large – 1x gel casting set large, 2x large combs, 4x gel trays mini, 2x gel trays L - Large gel trays – 2 gel trays L - Small gel trays – 4 gel trays S - Gel casting stand standard – 1 gel casting stand standard - Gel combs – 2 combs for 	
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	<p>electrophoresis system</p> <p>Delivery date: Delivery date: Maximum of 90 days from the receipt of P.O. including weekends and holidays.</p> <p>Aftersales:</p> <ul style="list-style-type: none"> - Training on how to use should be shouldered by the company. - Training on aftercare should be shouldered by the company. - Troubleshoot and other problems should be shouldered by the company. <p>Power supply should be coordinated properly with the University to ensure compatibility with the University and City of Tagum's electrical supply.</p>	
		
32	<p>Colorimeter</p> <p>Photometer applications Absorption / transmission measurement of liquid samples at up to 9 wavelengths. Applications often used • Measurement of transmission, extinction and color units of beverages, food, pharmaceuticals, chemicals • Monitoring of color changes as a function of time • Enzymatic determination (e.g. NAD(P)- and NAD(P)H-methods)</p>	

	<p>Typical applications of the model</p> <ul style="list-style-type: none"> • Color measurement of liquid crystal sugar (ICUMSA Method GS2/3-10) • Color measurement of beer and wort (EBC color number) • Color index determination of soft drinks and wine • Determination of glucose and fructose in beet juices and processing products by enzymatic method • Dextran and invert sugar measurement • Turbidity color measurement <p>Measurement principle: Irradiating Photometer</p> <p>Wavelength range: 340 - 900 nm</p> <p>Pre-installed filters: 340, 420 and 720 nm</p> <p>Wavelength calibration: Automatic filter change-over switch for up to 9 wavelength</p> <p>Reproducibility: ± 0.00001 RI / ± 0.01 % Brix</p> <p>Spectrum: half width 8 nm</p> <p>Light source: 12V, 20W, persistent halogen lamp with lamp protection function (recommended)</p> <p>Detector: Silicon-photo diode</p> <p>Measuring precision: ± 0.020 extinction at 340 and 420 nm, ± 0.010 extinction at 720 nm, ± 0.020 extinction at other filter</p> <p>Resolution extinction: 0.001 E</p> <p>Resolution ICUMSA: 1 IU</p> <p>Precision IU: $\pm 10\%$ for ICUMSA color units ≤ 20 IU, $\pm 5\%$ for ICUMSA color units ≥ 20</p>
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	<p>IU</p> <p>Measuring range: IU 0 - 16.000 ICUMSA color units (IU)</p> <p>Working temperature: 10 - 40°C</p> <p>Indication: Graphic display</p> <p>Operator interface: Multi-colored touchscreen for direct functions and alphanumeric inputs</p> <p>Interface / Communication: USB, Ethernet (optional)</p> <p>Power supply: 220V</p> <p>Housing Protection: class IP 54</p> <p>Highlights: Easy measurement of transmission, extinction and color units; Polarimeter tubes up to 100 mm length usable as well as rectangular cuvettes; Sample compartment is open to the top and the bottom avoiding spillage to enter the unit; Continuous measuring mode for monitoring color changes in product streams as a function of time; GLP/GMP conform</p> <p>Delivery date: Delivery date: Maximum of 90 days from the receipt of P.O. including weekends and holidays.</p> <p>Aftersales:</p> <ul style="list-style-type: none"> - Training on how to use should be shouldered by the company. - Training on aftercare should be shouldered by the company. - Troubleshoot and other problems should be shouldered by the company. - Power supply should be 	
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	<p>coordinated properly with the University to ensure compatibility with the University and City of Tagum's electrical supply.</p> <p>Should include certification of calibration at least 1 sample per type of measuring product.</p>	
		
33	<p>Weighing Booth</p> <p>Dedicated local purification device for filling, refilling, weighing and sampling of raw material and compounds. Designed by automatic changeable frequency system monitors the air velocity to ensure its stability in the work area also the air dust effectively controls the noise. The wind surface is a high polymer membrane, and the wind speed can be controlled at 5% to 10%. Different pressure gauge is equipped to real-time monitor the filters.</p>	

<p>Specifications</p> <p>Work Area Size (W×D×H): 900 × 900 × 2000 mm</p> <p>Overall Size(W×D×H): 1000 ×1350 × 2400 mm</p> <p>Power Consumption: 1100 W</p> <p>Weight: 400 kg</p> <p>HEPA Filters: 99.999 % efficiency at 0.3 μm</p> <p>Air volume: Supply air volume: ≤ 7500 m³ Exhaust air volume: ≤ 2250 m³; Adjustable</p> <p>Air velocity: 0.35 to 0.65 m/s, adjustable</p> <p>Material: Fully stainless steel 1.2 mm #304</p> <p>Noise: ≤ 75 dB</p> <p>Illumination: ≥ 8001 UX</p> <p>UV Lamp: Emission of 253.7 nm</p> <p>Power Supply: 220 V ± 10 % 50/60 Hz</p> <p>Includes: PVC anti-static dustproof curtain.</p> <p>Stainless steel Table</p> <p>Standard Digital Analytical Weighing Balance Scale (1 unit) – with certificate of calibration</p> <p>Complete full gear PPE (2 pieces)</p>	
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<p>Features</p> <ul style="list-style-type: none"> • Automatic changeable frequency system monitors • Material used 304 stainless steel plate • Differential pressure gauge • Unique designed air dust effectively controls the noise • Input by printer and floodlight • Designed by tertiary filter • Intelligent control mode and alarm system ensure the reliability of running • Smooth transition of wall and ground can eliminate the bling angle • Prevents the environmental pollution and cross contamination of product <p>Applications</p> <p>This instrument is applied for pharmaceutical, microbiological, scientific experiments, food industries and hospital operating rooms</p> <p>Delivery date: Delivery date: Maximum of 90 days from the receipt of P.O. including weekends and holidays.</p> <p>Aftersales:</p> <ul style="list-style-type: none"> - Training on how to use should be shouldered by the company. - Training on aftercare should be shouldered by 	
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	<p>the company.</p> <ul style="list-style-type: none">- Troubleshoot and other problems should be shouldered by the company.- Power supply should be coordinated properly with the University to ensure compatibility with the University and City of Tagum's electrical supply.	
	 	

	<p style="text-align: center;">Personal Protective Equipment All items per MN-0060 Contract</p> 	
34	<p>Laboratory Apparatus and Glassware (Beaker 100ml – 20pcs, Beaker 250ml – 20pcs, Beaker 500ml -20pcs, Bunsen Burner – 20pcs, Bunsen Burner Rubber (Connecting to tube)-20 pcs, Burette (Acid) 25ml – 20pcs, Burette (Acid) 50ml – 20pcs, Burette Clamp – 20pcs, Centrifuge- 2 units, Ceramic/Porcelain Bowl – 5 pcs, Condenser (set of 5) – 4 pcs, Cover Glass (per box) – 20 boxes, Cover Slips (per box) – 20 boxes, Dissecting Pins (per box) – 20 boxes, Distilling Flask 125ml – 20 pcs, Distilling Flask 250ml – 20 pcs, Distilling Flask 500ml – 20 pcs, Glass Dropper – 20 pcs, Erlenmeyer Flask 100ml – 20pcs, Erlenmeyer Flask 250ml – 20pcs, Erlenmeyer Flask 500ml – 20pcs, Evaporating Dish – 20pcs, Glass Slides (per box) – 20 boxes, Hot Plate – 3 pcs, Kymograph – 5 units, Loop – 20 pcs, Maxwell Apparatus – 2 units, Petri Dish with Cover (big) – 20 pcs, Pulleys – 5 pcs, Reynolds Apparatus -2units, Stethoscope (Classic Littman III) – 20units, Tape Measure – 5 pcs, Laboratory Thermometer – 10 pcs, Triple Beam Balance – 4 units, Volumetric Flask 100ml – 20 pcs, Volumetric Flask 250ml – 20 pcs, Volumetric Flask</p>	

500ml – 20 pcs)

Glasswares:

Code No. 7740

Common Names

Borosilicate, low expansion,
Type I Glass

Standards

Type I, Class A borosilicate conforming to federal specification DD-G-54 lb and ASTM E-438. Also meets the U.S. Pharmacopoeia specifications for Type I borosilicate glass.

Composition

Compound	Approx. Amount (%)
SiO ₂	80.6
B ₂ O ₃	13.0
Na ₂ O	4.1
Al ₂ O ₃	2.3


Properties

Coefficient of Expansion	32.5 x 10 ⁻⁷ cm/cm/°C
Strain Point	510°C
Anneal Point	560°C
Soften Point	821°C
Density	2.53 g/cm ³
Youngs Modulus	76 X 10 ⁹ Kg/mm ²
Refraction Index	1.474 @ Sodium D Line
Temperature Limits	490°C (Extreme Service) 230°C (Normal Service)
Maximum Thermal Shock	160°C


Applications Designed for use in all products requiring very high resistance to strong acids, alkalis, and products intended for use in heat applications such as autoclaves, hot plates, and open flame. Products Beakers, burets, bottles, centrifuge tubes, condensers, cylinders, desiccators, dishes, flasks, fritted ware, funnels, ground joints, jars, stopcocks, tubing, and other assorted products.

Delivery date: Maximum of 60 days from the receipt of P.O. including weekends and holidays.



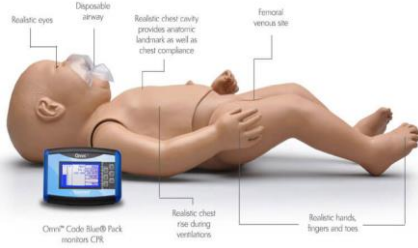
	<p>Metals:</p> <p>High grade stainless steel</p> <p>Note:</p> <ul style="list-style-type: none"> - Should include certification of calibration at least 1 sample per type of measuring product. <p>Delivery date: Delivery date: Maximum of 30 days from the receipt of P.O. including weekends and holidays.</p> <p>Aftersales:</p> <ul style="list-style-type: none"> - Training on aftercare should be shouldered by the company. 	
35	<p>Ultrasound</p> <p>Portable Ultrasound Machine</p> <p>This compact, B&W portable ultrasound system which has a premium design and is applicable in various specialties such as General Imaging, OB, Obstetrics, Gynecology, Urology, Abdomen, Cardiac B/M Mode, Vascular, Small Parts, Orthopedic and Pediatrics etc.</p> <p>Includes 1 linear probe and 1 convex probe</p> <p>Delivery date: Delivery date: Maximum of 90 days from the receipt of P.O. including weekends and holidays.</p> <p>Aftersales:</p> <ul style="list-style-type: none"> - Training on how to use should be shouldered by the company. - Training on aftercare should be shouldered by 	

	<p>the company.</p> <ul style="list-style-type: none"> - Troubleshoot and other problems should be shouldered by the company. <p>Power supply should be coordinated properly with the University to ensure compatibility with the University and City of Tagum's electrical supply.</p>	
		
36	<p>IV Injection Subcutaneous Intramuscular, Arterial, Suture, Hemodialysis</p> <p>Advance Patient Training Arm</p> <ul style="list-style-type: none"> - Variable pulse rate and strength - Brachial and radial arteries - Multi-layer surgical inserts - Venous and Arterial Exercises - Hemodialysis Exercises <p>FEATURES</p> <ul style="list-style-type: none"> • Arterial and venous insert for IV and blood draw exercises, AV anastomosis, and AV graft placement. This multi-layer surgical insert includes the skin, subcutaneous tissue, muscle, radial artery, and radial vein • AV fistula insert that simulates a healed fistula for hemodialysis exercises • Multi-layer bicep insert that includes the skin, subcutaneous tissue, and muscle. Allows 	


<p>incision and suturing exercises</p> <ul style="list-style-type: none"> • Durable skin that can be pierced more than 200 times with a 20 or 22 gauge needle • Realistic tactile feedback for both surgical and arterial and venous stick exercises <p>venous stick exercises</p> <ul style="list-style-type: none"> • Adjustable heart rate and pulse strength simulating a heart rate from 10 to 150BPM • Cephalic (antecubital), Basilic, Radial, and Ulnar veins as well as the radial and brachial arteries for infusion and blood draw • Rotating arm allowing dorsal and volar access along the length of the arm • Varying vessel palpability to simulate collapsed or bulging vessels • Ease of assembly • Latex-Free <p>Delivery date: Delivery date: Maximum of 90 days from the receipt of P.O. including weekends and holidays.</p> <p>Aftersales:</p> <ul style="list-style-type: none"> - Training on how to use should be shouldered by the company. - Training on aftercare should be shouldered by the company. <p>Troubleshoot and other problems should be shouldered by the company.</p>	
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	 <p>Subcutaneous injection sites</p> <p>Intramuscular injection site</p> <p>Hemodialysis exercises</p> <p>Micro-pump-controlled arterial system providing variable heart rate and pulse strength.</p>	
37	<p>Susie/Simon Newborn CPR Simulator Features</p> <ul style="list-style-type: none"> • Fully articulating head and jaw with tongue • SAFE CPR™ individual disposable airways to practice hygienic mouth-to-mouth ventilation • Interface monitors and logs the cadence and depth of cardiac compression and airway ventilation • Arterial pulse points • Soft, lifelike faceskin with molded hair • T-shirt and shorts • Instruction manual • Custom nylon carrying bag • Arterial pulse points • Soft, lifelike faceskin with molded hair <p>Features</p> <ul style="list-style-type: none"> • Fully articulating head and jaw with tongue • SAFE CPR™ individual 	

	<p>disposable airways to practice hygienic mouth-to-mouth ventilation</p> <ul style="list-style-type: none"> • Interface monitors and log the cadence and depth of cardiac compression and airway ventilation • Arterial pulse points • Soft, lifelike faceskin with molded hair • T-shirt and shorts • Instruction manual • Custom nylon carrying bag • Arterial pulse points • Soft, lifelike faceskin with molded hair <p>Delivery date: Delivery date: Maximum of 90 days from the receipt of P.O. including weekends and holidays.</p> <p>Aftersales:</p> <ul style="list-style-type: none"> - Training on how to use should be shouldered by the company. - Training on aftercare should be shouldered by the company. - Troubleshoot and other problems should be shouldered by the company. - Power supply should be coordinated properly with the University to ensure compatibility with the University and City of Tagum's electrical 	
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	<p>supply.</p>	
	 <p>Disposable airway Ten totally disposable airways to practice hygienic mouth-to-mouth ventilation.</p> <p>Realistic chest rise Realistic chest rise during ventilations.</p> <p>Realistic chest cavity Realistic chest cavity provides anatomic landmark as well as chest compliance.</p> <p>CPR Practice compressions and airway ventilation.</p>  <p>Brachial pulse</p>  <p>Realistic eyes Disposable airway Realistic chest cavity provides anatomic landmark as well as chest compliance Femoral venous site Omni® Code Blue® Pack monitors CPR Realistic chest rise during ventilations Realistic hands, fingers and toes</p>	
<p>38</p>	<p>Two adult Prestan Professional Series manikins fully compliant with AHA guidelines for compression and rate feedback devices (medium skin tone only) Two infant Prestan Professional Series manikins fully compliant with AHA guidelines for compression and rate feedback devices (medium skin tone only)</p> <p>Two Prestan UltraTrainer AED training devices - pre-programmed with 5 training scenarios in English and Spanish, with accessories(see below for full details) Eight AA batteries (two per manikin) Starter 20-pack adult sized lung bags Starter 20-pack infant sized lung bags</p>	

	<p>Specially designed carry case with foam inserts and repacking instruction sheet (26.5 x 15/5 x 17)</p> <p>Three-year manufacturers against defects in workmanship or materials</p> <p>Two Adult ManiVest</p> <p>Two Infant ManiBibs</p> <p>Two CPR Kneeling Mats</p> <p>Two adult Prestan Professional Series manikins fully compliant with AHA guidelines for compression and rate feedback devices (medium skin tone only)</p> <p>Two infant Prestan Professional Series manikins fully compliant with AHA guidelines for compression and rate feedback devices (medium skin tone only)</p> <p>Two Prestan UltraTrainer AED training devices - pre-programmed with 5 training scenarios in English and Spanish, with accessories(see below for full details)</p> <p>Eight AA batteries (two per manikin)</p> <p>Starter 20-pack adult sized lung bags</p> <p>Starter 20-pack infant sized lung bags</p> <p>Specially designed carry case with foam inserts and repacking instruction sheet (26.5 x 15/5 x 17)</p> <p>Three-year manufacturers against defects in workmanship or materials</p> <p>Two Adult ManiVest</p> <p>Two Infant ManiBibs</p> <p>Two CPR Kneeling Mats</p>	
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	<p>Delivery date: Delivery date: Maximum of 60 days from the receipt of P.O. including weekends and holidays.</p> <p>Aftersales:</p> <ul style="list-style-type: none"> - Training on how to use should be shouldered by the company. - Training on aftercare should be shouldered by the company. <p>Troubleshoot and other problems should be shouldered by the company.</p>	
		

[Use this form for Framework Agreement:]

Technical Specifications

<i>TECHNICAL SPECIFICATIONS</i>			
<i>Item / Service</i>	<i>Maximum Quantity</i>	<i>Technical Specifications / Scope of Work</i>	<i>Statement of Compliance</i>
			<p><i>[Bidders must state here either “Comply” or “Not Comply” against each of the individual parameters of each Specification stating the corresponding performance parameter of the equipment offered. Statements of “Comply” or “Not</i></p>

			<p><i>Comply” must be supported by evidence in a Bidders Bid and cross-referenced to that evidence. Evidence shall be in the form of manufacturer’s un-amended sales literature, unconditional statements of specification and compliance issued by the manufacturer, samples, independent test data etc., as appropriate. A statement that is not supported by evidence or is subsequently found to be contradicted by the evidence presented will render the Bid under evaluation liable for rejection. A statement either in the Bidder’s statement of compliance or the supporting evidence that is found to be false either during Bid evaluation, post-qualification or the execution of the Contract may be regarded as fraudulent and render the Bidder or supplier liable for prosecution.]</i></p>

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

- ☐ (a) Valid PhilGEPS Registration Certificate (Platinum Membership) (all pages);
or
- ☐ (b) Registration certificate from Securities and Exchange Commission (SEC), Department of Trade and Industry (DTI) for sole proprietorship, or Cooperative Development Authority (CDA) for cooperatives or its equivalent document,
and
- ☐ (c) Mayor’s or Business permit issued by the city or municipality where the principal place of business of the prospective bidder is located, or the equivalent document for Exclusive Economic Zones or Areas;
and
- ☐ (d) Tax clearance per E.O. No. 398, s. 2005, as finally reviewed and approved by the Bureau of Internal Revenue (BIR).

Technical Documents

- ☐ (e) Statement of the prospective bidder of all its ongoing government and private contracts, including contracts awarded but not yet started, if any, whether similar or not similar in nature and complexity to the contract to be bid; **and**
- ☐ (f) Statement of the bidder’s Single Largest Completed Contract (SLCC) similar to the contract to be bid, except under conditions provided for in Sections 23.4.1.3 and 23.4.2.4 of the 2016 revised IRR of RA No. 9184, within the relevant period as provided in the Bidding Documents; **and**
- ☐ (g) Original copy of Bid Security. If in the form of a Surety Bond, submit also a certification issued by the Insurance Commission;
or
Original copy of Notarized Bid Securing Declaration; **and**
- ☐ (h) Conformity with the Technical Specifications, which may include production/delivery schedule, manpower requirements, and/or after-sales/parts, if applicable; **and**
- ☐ (i) Original duly signed Omnibus Sworn Statement (OSS);
and if applicable, Original Notarized Secretary’s Certificate in case of a corporation, partnership, or cooperative; or Original Special Power of Attorney of all members of the joint venture giving full power and authority to its officer to sign the OSS and do acts to represent the Bidder.

Financial Documents

- ☐ (j) The Supplier’s audited financial statements, showing, among others, the Supplier’s total and current assets and liabilities, stamped “received” by the BIR or its duly accredited and authorized institutions, for the preceding calendar year which should not be earlier than two (2) years from the date of bid submission; **and**
- ☐ (k) The prospective bidder’s computation of Net Financial Contracting

Capacity (NFCC);

or

A committed Line of Credit from a Universal or Commercial Bank in lieu of its NFCC computation.

Class “B” Documents

- ☐ (l) If applicable, a duly signed joint venture agreement (JVA) in case the joint 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

- ☐ (m) Original of duly signed and accomplished Financial Bid Form; **and**
- ☐ (n) Original of duly signed and accomplished Price Schedule(s).

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

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

