

PHILIPPINE BIDDING DOCUMENTS

SUPPLY, DELIVERY, TESTING AND COMMISSIONING OF ANALYZER

Government of the Republic of the Philippines

VMC-2025-063

**Bid Opening: July 08, 2025
10:00am**

**Sixth Edition
July 2020**

Preface

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

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

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

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

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

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

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Glossary of Acronyms, Terms, and Abbreviations

ABC – Approved Budget for the Contract.

BAC – Bids and Awards Committee.

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

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

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

BIR – Bureau of Internal Revenue.

BSP – Bangko Sentral ng Pilipinas.

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

CDA - Cooperative Development Authority.

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

CIF – Cost Insurance and Freight.

CIP – Carriage and Insurance Paid.

CPI – Consumer Price Index.

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

DTI – Department of Trade and Industry.

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.



Republic of the Philippines
Department of Health
Metro Manila Center for Health Development
VALENZUELA MEDICAL CENTER



INVITATION TO BID
SUPPLY, DELIVERY, TESTING AND COMMISSIONING OF ANALYZERS
PUBLIC BIDDING NO. VMC-2025-063

1. The Valenzuela Medical Center (VMC), through the General Appropriations Act/Income CY 2025, intends to apply the sum of **Philippine Currency: FIVE MILLION ONE HUNDRED NINETEEN THOUSAND EIGHT HUNDRED FORTY-SIX AND 79/100 ONLY (P 5,119,846.79)** being the Approved Budget for the Contract (ABC) to payments for the **SUPPLY, DELIVERY, TESTING AND COMMISSIONING OF ANALYZERS**. Bids received in excess of the ABC shall be automatically rejected at bid opening.
2. The Valenzuela Medical Center (VMC) now invites bids for the above Procurement Project. Delivery of the Goods is required within the period specified under Sec. VI. Bidders should have completed, within ten (10) years from the date of submission and receipt of bids, a contract similar to the Project. The description of an eligible bidder is contained in the Bidding Documents, particularly, in Section II (Instructions to Bidders).
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.
 - a. Bidding is restricted to Filipino citizens/sole proprietorships, partnerships, or organizations with at least sixty percent (60%) interest or outstanding capital stock belonging to citizens of the Philippines, and to citizens or organizations of a country the laws or regulations of which grant similar rights or privileges to Filipino citizens, pursuant to RA No. 5183.
4. Prospective Bidders may obtain further information starting **June 16, 2025** and inspect the Bidding Documents at the address given below during 9:00am-11:00am and 2:00pm-4:00pm.
5. A complete set of Bidding Documents may be acquired by interested Bidders on **June 16, 2025**, 11:00am from the given address and upon payment of a non-refundable fee in the amount of **Ten Thousand Pesos (P 10,000.00)**.

The Procuring Entity shall allow the bidder to present its proof of payment for the fees either *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 Valenzuela Medical Center will hold a Pre-Bid Conference¹ on **June 24, 2025, 10:00 am** at BAC Office, Admin. Bldg., Valenzuela Medical Center, Padrigal St., Karuhatan, Valenzuela City which shall be open to prospective bidders.
7. Bids must be duly received by the BAC Secretariat through manual submission at the office address indicated below on or before **July 08, 2025, 10:00am**. 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**.
9. Bid opening shall be on **July 08, 2025, 10:00am** at the given address below. Bids will be opened in the presence of the bidders' representatives who choose to attend the activity.
10. The Valenzuela Medical Center 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.

11. For further information, please refer to:

BAC Secretariats' Office
Valenzuela Medical Center, Annex Building, 2nd Floor,
Padrigal St., Valenzuela City
Telefax No. 294-4625
Email: vmc_bac@yahoo.com

SGD. SHIRLENE V. VIANZON
Chairperson, Bids and Awards Committee

Section II. Instructions to Bidders

Notes on the Instructions to Bidders

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

1. Scope of Bid

The Procuring Entity, *Valenzuela Medical Center (VMC)* wishes to receive Bids for the *SUPPLY, DELIVERY, TESTING AND COMMISSIONING OF ANALYZERS* with identification number *under Public Bidding VMC-2025-063*.

[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 *one (1) lot*, the details of which are described in Section VII (Technical Specifications).

2. Funding Information

- 2.1. The GOP/Income through the source of funding as indicated below for *CY 2025* in the amount of *Philippine Currency: FIVE MILLION ONE HUNDRED NINETEEN THOUSAND EIGHT HUNDRED FORTY-SIX AND 79/100 ONLY (P 5,119,846.79)*.
- 2.2. The source of funding is:

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

- a. NGA, the National Expenditure Program.

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 not allowed.

8. Pre-Bid Conference

The Procuring Entity will hold a pre-bid conference for this Project on **June 24, 2025, 10:00 am** and either at its physical address, Valenzuela Medical Center, Annex 1 Building, Padrigal St. Karuhatan, Valenzuela City.

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 the period of ten (10) years 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.

14. Bid Security

- 14.1. The Bidder shall submit a Bid Securing Declaration² or any form of Bid Security in the amount indicated in the **BDS**, which shall be not less than the percentage of the ABC in accordance with the schedule in the **BDS**.
- 14.2. The Bid and bid security shall be valid until *[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 (**July 08, 2025 @10:00am**) and either at its physical address, **Valenzuela Medical Center, Annex 1 Building, Padrigal St. Karuhatan, Valenzuela City** 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

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.

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 maybe. 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	<p>For this purpose, contracts similar to the Project shall be:</p> <p class="list-item-l1">A. Similar to Supply, Delivery, Testing and Commissioning of Analyzers</p> <p class="list-item-l1">B. Completed within ten (10) years prior to the deadline for the submission and receipt of bids. Must be at least fifty percent (50%) of the ABC. (Section 52.4.1.3 of RA 12009)</p>
7.1	<i>[Specify the portions of Goods to be subcontracted, which shall not be a significant or material component of the Project as determined by the Procuring Entity.] N/A</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	<p>The bid security shall be in the form of a Bid Securing Declaration, or any of the following forms and amounts:</p> <ul style="list-style-type: none"> a. The amount of not less than P 102,396.94 equivalent to <i>two percent (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 P 255,992.34 equivalent to <i>five percent (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> LOT BID with costing per line item</p> <p><i>[In case the project will be awarded by item, list each item indicating its quantity and ABC.] N/A</i></p>
20.2	<i>[List here any licenses and permits relevant to the Project and the corresponding law requiring it.]</i> Refer to Terms of Reference
21.2	<i>[List here any additional contract documents relevant to the Project that may be required by existing laws and/or the Procuring Entity.)</i> Refer to Terms of Reference

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 style="color: red;"><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 [indicate place of destination]. 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 [indicate place of destination]. Risk and title will pass from the Supplier to the Procuring Entity upon receipt and final acceptance of the Goods at their final destination.”</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 [indicate name(s)].</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> <ul 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 <ul style="list-style-type: none"> 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.

Packaging –

The Supplier shall provide such packaging of the Goods as is required to prevent their damage or deterioration during transit to their final destination, as indicated in this Contract. The packaging shall be sufficient to withstand, without limitation, rough handling during transit and exposure to extreme temperatures, salt and precipitation during transit, and open storage. Packaging case size and weights shall take into consideration, where appropriate, the

	<p>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> <ul style="list-style-type: none"> 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>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	<p><i>[If partial payment is allowed, state]</i> “The terms of payment shall be as follows: _____.”</p>
4	<p>The inspections and tests that will be conducted are: <i>[Indicate the applicable inspections and tests]</i></p>

Section VI. Schedule of Requirements

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

ITEM NUMBER	DESCRIPTION	QUANTITY		UNIT PRICE	TOTAL AMOUNT	DELIVERED, WEEKS/MONTHS
1	Supply, Delivery, Testing and Commissioning of Analyzers	1	Lot	5,119,846.79	5,119,846.79	30CD upon receipt of NTP and with succeeding delivery schedule
	Patient Monitor Simulator Analyzer	1	unit	2,261,920.00	2,261,920.00	
	Defibrillator Analyzer	1	unit	1,300,000.00	1,300,000.00	
	Electrosurgical Analyzer	1	unit	1,200,000.00	1,200,000.00	
	Inclusion: Laptops (2), Office Ink Tank Printer, Label Printer, Smart TV, Analyzer Cases (2)					
	Laptops (2)	2	unit	105,998.80	211,997.60	
	Office Ink Tank Printer	1	unit	18,060.00	18,060.00	
	Label Printer	1	unit	36,000.00	36,000.00	
	Smart TV	1	unit	62,392.39	62,392.39	
	Case (1)	1	unit	18,705.60	18,705.60	
	Case (2)	1	unit	10,771.20	10,771.20	
	Technical Specifications (see TOR Annex A)					
	General Notes (see TOR Annex B)					
	Other Requirements (see TOR Annex B)					
	Delivery: 30 days upon receipt of Purchase Order					

	Warranty: Two (2) years parts and services; 90 days for accessories					
	Preventive Maintenance: Annually submission of PM schedule and reports					
	Calibration: Annually, submission of Calibration schedule and report from manufacturer					
					5,119,846.79	

[Use this form for Framework Agreement:]

1. 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	Supply, Delivery, Testing and Commissioning of Analyzers	
	Patient Monitor Simulator Analyzer – 1 unit	
	Defibrillator Analyzer – 1 unit	

	Electrosurgical Analyzer – 1 unit	
	Inclusions: Laptops (2), Office Ink Tank Printer, Label Printer, Smart TV, Analyzer Cases (2)	
	Laptops (2)	
	Office Ink Tank Printer	
	Label Printer	
	Smart TV	
	Case (1)	
	Case (2)	
	Technical Specifications (see TOR Annex A)	
	General Notes (see TOR Annex B)	
	Other Requirements (see TOR Annex B)	
	Delivery: 30 days upon receipt of Purchase Order	
	Warranty: Two (2) years parts and services; 90 days for accessories	
	Preventive Maintenance: Annually submission of PM schedule and reports	
	Calibration: Annually, submission of Calibration schedule and report from manufacturer	

TERMS OF REFERENCE

A. Name and Description of the Project:

Supply and Delivery, Testing and Commissioning of Analyzers (1 unit of Patient Monitor Simulator Analyzer, 1 unit of Defibrillator Analyzer and 1 unit of Electrosurgical Analyzer) Biomedical Equipment for Valenzuela Medical Center – Engineering and Facilities Management Section- Biomedical Unit.

B. Objectives of the Project:

1. Enhanced Patient Safety
2. Accuracy and Reliability of Results
3. Optimized Maintenance Costs
4. Sustainability
5. Improved Compliance and Documentation
6. Quality Control and Assurance
7. Risk Mitigation
8. Faster Turnaround and Reduced Downtime

9. Cost Savings
 10. Knowledge Retention and Expertise Development

C. Scope of the Project and Delivery Time/Completion

Supply and delivery	Scope
1. Supply and delivery	- Complete supply, delivery, testing and commissioning of analyzers
2. Analyzers	- 1 unit of Patient Simulator Analyzer - 1 unit of Defibrillator Analyzer - 1 unit of Electrosurgical Analyzer
3. Biomedical Equipment	- 2 unit of Laptops - 1 unit of Office Ink Tank Printer - 1 unit of Label Printer - 1 unit of HDR Smart TV - 2 units of Analyzer Cases
4. Technical Specification	- See Annex A
5. Delivery Schedule	- 30 days upon receipt of Purchase Order
6. Warranty	- 2 years for parts and services; ninety (90) days for accessories
7. Maintenance	- Preventive Maintenance: Annually, submission of PM schedule and reports - Calibration: Annually, submission of Calibration schedule and report from manufacturer
8. General Notes	- See Annex B
9. Other requirements	- See Annex C

ANNEX A

PATIENT SIMULATOR	Description
Overall	8 in 1 Multifunction Simulator tests ECG (including Fetal ECG and Arrhythmias), Respiratory, Temperature, IBP, Cardiac Output, NIBP, SPO2 and multi-wavelength waveforms
Humidity	10% to 90% non-condensing
Display	LCD Color Display
Power	Lithium-ion Rechargeable Battery
Battery Charger	100 V to 240 V input, 15 V/2.0 A output
Battery Life	9 hours (minimum), 100 NIBP cycles typical
Normal-sinus-rhythm waveform	
High-level output	0.5 V/mV ± 5 % of the ECG amplitude setting available on a BNC connector
Amplitude accuracy	± (2 % of setting + 0.05 mV)
ECG rate	10 BPM to 360 BPM in 1 BPM steps
Rate accuracy	± 1 % of setting
ECG waveform selection	Adult (80 ms) or pediatric (40 ms) QRS duration
ST-segment elevation	Adult mode only. -0.8 mV to +0.8 mV (0.1 mV steps). Additional steps: + 0.05 mV and - 0.05 mV
Power-on default	60 BPM, 1.0 mV, adult QRS and ST-segment elevation of 0 mV
Pacemaker waveform	
Pacer pulse	Amplitude: 0 (off), ± 2, ± 4, ± 6, ± 8, ± 10, ± 12, ± 14, ± 16, ± 18, ± 20, ± 50, ± 100, ± 200, ± 500, and ± 700 mV for lead II (reference lead)
Pacer pulse width	0.1 ms, 0.2 ms, 0.5 ms, 1 ms, and 2 ms ± 5 %
Paced arrhythmias	Atrial 80 BPM, Asynchronous 75 BPM, Non-capture (one time), Demand with frequent sinus beats, Demand with occasional sinus beats, Atrio-ventricular sequential, Nonfunction
Power-on default	Amplitude 5 mV, width 1 ms, atrial waveform
Arrhythmia	

Baseline NSR	80 BPM
PVC focus	Left focus, standard timing (except where specified)
Conduction defect	First-, second-, or third-degree heart block; and right- or left-bundle branch block
Advanced cardiac life support	Shockable pulseless arrest rhythms
Advanced cardiac life support cont.	Symptomatic tachycardia: regular narrow-complex tachycardia (QRS < 0.12 seconds)
ECG Performance Testing	
Amplitude	0.05 mV to 0.5 mV (0.05 mV steps); 0.5 mV to 5.0 mV (0.25 mV steps) Other leads are proportional to Lead II (reference lead) in percentage per:
Pulse Wave	30 BPM, 60 BPM, with 60 ms pulse width
Square Wave	0.125 Hz, 2 Hz, 2.5 Hz
Triangle Wave	0.125 Hz, 2 Hz, 2.5 Hz
Sine Wave	0.05 Hz, 0.5 Hz, 1, 2 Hz, 5 Hz, 10 Hz, 25 Hz, 30 Hz, 40 Hz, 50 Hz, 60 Hz, 100 Hz, and 150 Hz
R-wave Detection	Waveform: Triangular pulse
	Rate: 30 BPM, 60 BPM, 80 BPM, 120 BPM, 200 BPM, and 250 BPM
QRS Detection	Widths: 8 ms to 20 ms in 2 ms steps, and 20 ms to 200 ms in 10 ms steps
Rate Accuracy	± 1 % of setting
Amplitude Accuracy	± (2 % of setting + 0.05 mV)
ECG artifact	
Type	50 Hz, 60 Hz, muscular, baseline wander, respiration
Size	25 %, 50 %, 100 % of the normal sinus R-Wave for each lead
Lead selects	All, RA, LL, LA, V1, V2, V3, V4, V5, V6
Fetal/Maternal ECG	
Fetal heart rate (fixed)	60 BPM to 240 BPM in 1 BPM steps
Fetal heart rate (IUP)	140 BPM at beginning, then varies with pressure
Intrauterine-pressure waveforms	Early deceleration, late deceleration, and acceleration
Wave duration	90 seconds, bell-shaped pressure curve, from 0 mmHg to 90 mmHg and returning to 0
IUP period	2 min, 3 min, or 5 minutes; and manual
Default settings	FHR 140 BPM, early deceleration wave, manual
Invasive Blood Pressure	
Channels	Min 2 channels, each independently settable with identical parameters and are individually electrically isolated from all other signals
Input/output impedance	$300 \Omega \pm 10 \%$
Exciter input range	2 to 16 V peak
Exciter-input frequency range	DC to 5000 Hz
Transducer sensitivity	5 (default) or 40 $\mu\text{V}/\text{V/mmHg}$
Pressure accuracy	± (1 % of setting + 1 mmHg) accuracy guaranteed for dc excitation only
Static pressure	- 10 to + 300 mmHg in 1 mmHg steps
Pressure units	mmHg or Kpa
Dynamic waveforms	Types: Arterial (120/80), Radial artery (120/80), Left ventricle (120/00), Right ventricle (25/00), Pulmonary artery (25/10), Pulmonary-artery wedge (10/2), Pulmonary-artery wedge (10/2), Right atrium (central venous or CV) (15/10)
Swan-Ganz sequence	Right atrium, right ventricle (RV), pulmonary artery (PA), pulmonary artery wedge (PAW)
Cardiac catheterization	Chambers: Aortic, pulmonary valve, and mitral valve
Respiration artifact	Arterial, radial artery, and left ventricle: 5 % to 10 % multiplication
BP output	Circular DIN 5-Pin
Power-on default	0 mmHg
Respiration	
Rate	0 (OFF), 10 BrPM to 150 BrPM in 1 BrPM steps
Waves	Normal or ventilated
Ratio (inspiration: expiration)	Normal: 1:1, 1:2, 1:3, 1:4, 1:5

Power-on default	20 BrPM, delta 1.0 Ω
Temperature	
Temperature	30 °C to 42.0 °C in 0.5 °C steps
Accuracy	± 0.4 °C
Compatibility	Yellow Springs, Inc. (YSI) Series 400 and 700
Output	Circular DIN 4-Pin
Cardiac output	
Catheter type	Baxter Edwards, 93a-131-7f
Calibration coefficient	0.542 (0 °C injectate), 0.595 (24 °C injectate)
Blood temperature	36 °C (98.6 °F) to 38 °C (100.4 °F) ± 0.2 °C in 1 °C steps
Injectate volume	10 cc
Injectate temperature	0 °C or 24 °C
Cardiac output	2.5, 5, 10 liters per minute ± 7.5 %
Faulty-injectate curve	Waveform for simulation available
Left-to-right-shunt curve	Waveform for simulation available
Calibrated pulse	1.5 ° for 1 second
Connector	Circular DIN 7 pin
Power-on default	5 liters per minute, 0 °C injectate, 37 °C blood temperature
Non-invasive blood pressure	
Pressure units	mmHg or kPa
Manometer (pressure meter)	Range: 10 mmHg to 400 mmHg
Pressure source	Target pressure range: 20 mmHg to 400 mmHg
NIBP simulations	Pulse: 2 mmHg max into 500 ml NIBP system
Simulations (systolic/diastolic [MAP])	Simulations (systolic/diastolic {MAP}): Adult: 60/30 (40), 80/50 (60); 100/65 (77); 120/80 (93); 150/100 (117); and 200/150 (167) and 255/195 (215)
Leak test	Target pressure: 20 mmHg to 400mmHg
Pressure relief test range	100 to 400 mmHg
Oximeter SpO2 optical emitter and detector	
% O2	Range: 30 % to 100 %
% O2 accuracy	With oximeter manufacturer's R-curve: Saturation within UUT specific range: ± (1 count + specified accuracy of the UUT)
Heart rate	30 BPM to 300 BPM in 1 BPM steps. Oximeter SpO2 optical emitter and detector is synchronized with ECG rate delayed by 150 ms.
Transmission: ratio of detector current to LED current, expressed in parts per million expressed in parts per million (ppm)	Range: 0 ppm to 300.00 ppm
Pulse amplitude	Range: 0 % to 20.00 %
Compatible manufacturer products	Nellcor, Masimo, Nonin, Nihon Kohden, Mindray, GE-Ohmeda, Philips/HP, BCI
Pre-Defined Simulations	Normal, Hypertensive, Hypotensive, Tachycardia, Brady Cardic, Ventricular Fibrillation, Asystole
Safety Standards	IEC/EN 61010-1 3 rd Edition
Certifications	CE, CSA, C-TICK N10140, RoHS
Electromagnetic Compatibility (EMC)	IEC 61326-1:2006
Inclusion	Vital Signs Simulator, SPO2 Test Module
Accessories	Manufacturer's Standard: 1 x User's Manual, 1 x Getting Start Manual, 1 x Battery Pack, 1 x USB Cable, 1 x IBP Cable (unterminated), 1 x Carrying Case, 1 x Adult Cuff End Blocks, 1 x Adult Cuff Spacer Blocks, 1 x Set of NIBP Cuff Adapters, 1 x AC/DC Power Supply

DEFIBRILLATOR ANALYZER	Description
Temperature	
Operating	10 °C to 40 °C (50 °F to 104 °F)
Storage	-20 °C to +60 °C (-4 °F to +140 °F)

Humidity	10 % to 90 % non-condensing
Display	LCD display
Communications	USB device port for computer control
Modes of Operation	Manual and remote
Power	Internal rechargeable NiMH battery pack for nine hours (typical) operation after full charge or the battery charger can operate the analyzer and charge the battery simultaneously
Battery Charger	100 V to 240 V input, 15 V/1.5 V A output. For best performance, the battery charger should be connected to a properly grounded ac receptacle
Enclosure	ABS plastic housing
Safety Standards	CE: IEC/EN61010-1 2nd Edition Pollution degree 2 CAN/CSA-C22.2 No. 61010-1 UL61010-1 C-Tick: Australian EMC
Energy Output Measurements	
Auto ranged measurement	0.1 J to 600 J
Accuracy	0.1 J to 360 J: $\pm (1\% \text{ of reading} + 0.1 \text{ J})$
Load resistance	
Resistance:	50 Ω
Accuracy:	$\pm 1\%$, non-inductive ($< 2 \mu\text{H}$)
Pulse trigger level	20 V
Pulse width	
Range:	1 ms to 50 ms
Accuracy:	$\pm 0.1 \text{ ms}$
Voltage	
Range:	20 V to 5000 V
Accuracy:	$\pm (1\% \text{ of reading} + 2 \text{ V})$
Current	
Range:	0.4 A to 100 A
Accuracy:	$\pm (1\% \text{ of reading} + 2 \text{ V})$
Tilt (biphasic and pulsed biphasic)	
Range:	1 % to 99 %
Accuracy:	$\pm 1 \text{ digit}$
Interphase delay (biphasic and pulsed biphasic)	
Range:	0.1 ms to 9.9 ms
Accuracy:	$\pm 0.1 \text{ ms}$
Frequency (pulsed biphasic only)	
Range:	2000 Hz to 8000 Hz
Accuracy:	$\pm 1\% \text{ of reading}$
Duty cycle (pulsed biphasic only)	
Range:	1 % to 99 %
Accuracy:	$\pm 1 \text{ digit}$
Sample rate	250 kHz (4 μs sample)
Maximum average power	12 W, equivalent to 10 defib pulses of 360 J every 5 minutes
Scope output	Autorange: 2000:1, 400:1, and 80:1 depending on range
Waveform playback	Output: BNC <ul style="list-style-type: none">• Output impedance: 50 Ω• Amplitude accuracy: $\pm 5\%$
Charge time measurement	
Range:	0.1 s to 100 s
Accuracy:	$\pm 0.05 \text{ s, typical}$
Synchronization Test (Elective Cardioversion)	
Delay time measurement	<ul style="list-style-type: none">• Timing window: ECG R-wave peak to the defib pulse peak
ECG waves	
• Normal sinus rhythm (NSR):	10 BPM to 180 BPM in 1 BPM steps
• Atrial fibrillation:	Coarse and fine

• Monomorphic ventricular tachycardia:	120 BPM to 240 BPM in 5 BPM steps
• Asystole:	Flat line
Automated defibrillator test ECG waves	
Normal sinus:	10 BPM to 300 BPM in 1 BPM steps
Ventricular fibrillation:	Coarse and fine
Monomorphic ventricular tachycardia:	120 BPM to 300 BPM in 5 BPM steps
Polymorphic ventricular tachycardia:	5 types
Asystole:	Flat line
ECG Waves	
ECG general	
Lead configuration:	12-lead simulation; RA, LL, LA, RL, V1-6 with independent outputs
Lead to lead impedance:	1000 Ω (nominal)
Rate accuracy:	± 1 % nominal
ECG amplitudes	
Reference Lead	Selectable, Lead II (default) or Lead I
	0.05 mV to 0.45 mV by 0.05 mV steps and 0.5 mV to 5 mV by 0.5 mV steps
Accuracy (all performance waves and normal sinus R waves)	
Lead II	± 2 %
All other leads	± 5 %
Defib Paddles	± 5 %
ECG normal sinus	
Rates:	10 BPM to 360 BPM in 1 BPM steps
ECG high level output (BNC jack)	
Amplitude:	
• Range:	0.5 V per mV of reference lead setting
• Accuracy	± 5 %
Output impedance:	50 Ω
ECG Performance Waves	
Square wave	2 Hz and 0.125 Hz
Triangular wave	2 Hz and 2.5 Hz
Sine waves	0.05, 0.5, 5, 10, 40, 50, 60, 100, 150, and 200 Hz
Pulse	30 BPM and 60 BPM, 60 ms pulse width
R-wave detection	
Waveform	Haver-triangle
Amplitude	0.05 mV to 0.45 mV in 0.05 mV steps and 0.5 mV to 5 mV in 0.5 mV steps
Rate	30, 60, 80, 120, 200, and 250 BPM
Widths	8, 10, 12 ms, and 20 ms to 200 ms in 10 ms steps
Accuracy	± (1 % setting + 1 ms)
Noise immunity	
Wave:	Sine
Line frequency:	50 Hz or 60 Hz (± 0.5 Hz)
Amplitude:	
• Range:	0.0 mV to 10 mV in 0.5 mV steps
• Accuracy:	± 5 %
Safety Standards	
	CE: IEC/IEN61010-1 2 nd Edition; Pollution Degree 2
	CAN/CSA-C22.2 No. 61010-1; UL61010-1
	C-Tick: Australian EMC
Certifications	CE, CSA, C-TICK N10140
Electromagnetic Compatibility (EMC)	European EMC: EN61326-1
Accessories	Manufacturer's Standard: 1 x User Manual CD, 1 x Getting Started Guide, 1 x USB Computer Communication Cable, 1 x Carrying Case, 1 x Defib Paddle Contract Plates

ELECTROSURGICAL ANALYZER		Description
General Specifications		To contain all hardware and software necessary to complete preventive maintenance and troubleshooting, including additional cables, leads, switch boxes and RECM box
Physical Housing		preferably Metal case
Power Requirements		230 V ac, 60 Hz, universal input
		230 V: 30 VA
User interface		
LCD		preferably Monochrome 240 pixels x 64 pixels, 8 lines x 40 characters, white LED backlight
Keys		preferably 6 (1 fixed, 5 soft-defined) and rotary selector knob
Environmental specifications		
Operating temperature:		10 °C to 40 °C (50 °F to 104 °F)
Storage temperature:		-20 °C to 60 °C (-4 °F to 140 °F)
Humidity:		10 % to 90 % non-condensing
Altitude:		2000 m maximum
IP rating:		IEC60529:IP20
Electromagnetic Compatibility (EMC)		
IEC 61326-1: Basic Emissions Classification:		IEC CISPR11: Group 1, Class A
USA (FCC):		Intentional Radiators
Safety		
IEC 61010-1:		Overvoltage category II, pollution degree 2
IEC 61010-2-030:		Measurement 5,000 V
Wireless module listing		
FCC (United States) compliant (Class A):		FCC ID: X3ZBTMOD3
IC (Industry Canada) compliant:		IC: 8828A-MOD3
CE (European) certified:		CE0051
Measurements and tests specifications		
Measures:		Cut and coag waveforms, monopolar and bipolar outputs
Power and current measurements:		True RMS
Bandwidth:		3 MHz at -3 dB including loads – See User's Manual Supplement for more information
Delay time for single measurements:		0.2 seconds to 4.0 seconds from Foot Switch activation to start of measurement
Duty cycle		
Variable load:		10 seconds on, 30 seconds off, at 100 W, all loads
Fixed 200 Ω load:		10 seconds on, 30 seconds off, at 400 W
Generator output measurements		
Load Resistance		
Variable:		0 Ω, 10 Ω, 20 Ω, 25 Ω to 2500 Ω (by 25 Ω), 2500 Ω to 5200 Ω (by 100 Ω)
Accuracy:		± 2.5 %
Power (0 W to 9.90 W ± 5 % + 1W, 10 W to 500 W ± 5 %)		
Maximum: At 25 % duty cycle (10 seconds on, 30 seconds off)		10 Ω: 300 W,
		20 Ω to 2900 Ω: 400 W,
		3000 Ω to 5200 Ω: 200 W
At 10 % duty cycle (5 seconds on, 45 seconds off)		10 Ω: 300 W,
		20 Ω to 2400 Ω: 500 W,
		2425 Ω to 2900 Ω: 400 W,
		3000 Ω to 5200 Ω: 200 W
Current		

RMS:	0 mA to 5,500 mA
Accuracy:	$\pm(2.5\% \text{ of reading} + 1 \text{ mA})$
Voltage	
Peak:	10 kV Peak to Peak
Accuracy:	$\pm(10\% \text{ of reading} + 50 \text{ V})$
Crest factor:	1.4 to 16.0 Defined as the ratio of Peak voltage to RMS voltage (V_{pk} / V_{rms}), using the larger of the 2 peaks (positive or negative)
Vessel sealing measurement	
Loop current, RMS:	0 mA to 5500 mA
Accuracy:	$\pm(2.5\% \text{ of reading} + 1 \text{ mA})$
HF leakage current	
Fixed load	200 Ω
V Accuracy	$\pm 2.5\%$
Power rating	400 W
Additional fixed load	200 Ω
Current, RMS	0 mA to 5500 mA
Accuracy \pm	(2.5 % of reading + 1 mA)
CQM test (Contact Quality Monitor)	
Resistances	0 Ω to 475 Ω (by 1 Ω)
Accuracy	0 Ω to 10 Ω $\pm 0.5 \Omega$, 11 Ω and above $\pm 5\%$
Power rating	0.5 W
Auto time interval	1 to 5 seconds
CQM test (Contact Quality Monitor)	
Oscilloscope Output	1 V per ampere of input current, typical
Footswitch simulations	Cut and Coag
Communications	
USB device port	Micro B connector, full speed
Wireless port	802.15, Speed: 115,200 baud
Memory	
Test records	5,000
Non-volatile	retained through power cycling
Calibration	
Recommended cycle	Traceable to the International System of Units (SI) through the appropriate National Metrology Institutes such as NIST or through intrinsic standards.
Safety Standards	IEC 61010-1: Overvoltage Category II, Pollution Degree 2 IEC 61010-2-030: Measurement 5,000V
Certifications	FCC Compliant (Class A), IC (Industry Canada), CE (European) Certified
Electromagnetic Compatibility (EMC)	IEC 61326-1: Basic Emissions Classified, USA FCC
Accessories	Manufacturer's Standard: 1 x User's Manual, 1 x ESU dispersive safety lead, 1 x ESU safety lead, 1 x Safety retractable lead (blue, yellow, green, 2-black, red), 1 x large alligator clips (black, 2 red), 1 x Mirco USB cable 2m, 1 x multi-stacking banana plug patch cord, 2m, 1 x Alarm disabling lead, Bipolar activation lead

BIOMEDICAL EQUIPMENT

LAPTOP	Description
Processor	Intel Core i5-14500HX or above
Display	16" FHD or higher, 240Hz or above
Memory	16 GB RAM (4800MHz)
Solid State Drive	512GB PCIe® Gen4 NVMe TLC M.2 SSD
Graphics Card	6GB DDR6 NVIDIA GeForce RTX 4050
Operating System	Windows Pro 11 64 Bit
Microsoft Office	Microsoft Office 2021 Home & Student 2021
Included Software	Antivirus with 1 year subscription

Network and Communication	- Wireless LAN-(IEEE 802.11 a/b/g/n/ac/ax), Ethernet 'Technology: Gigabit, Bluetooth Standard: 5.3 or above - Built-in Devices: Microphone
Interfaces/Ports	HDMI Output - 1, Number of USB Ports, Super Speed (SS) USB, Type A - 3, SS USB Type C - 2, Network (RJ-45) - Yes, Audio Line In - Yes, Headphone – Yes
Audio	Dual Speakers
Camera	1280 x 720 resolution
Battery	Lithium Ion (Li-Ion)
Freebies	Backpack, Mouse and Mousepad
Warranty	1-year parts and services
Green Specification	Preferably with sustainable impact specifications (energy efficient, made of recyclable materials, non-toxic materials, etc.)

PRINTER	Description
Printer Type	Print, Scan, Copy, Fax with ADF
Nozzle Configuration	1 nozzle Black, 1 nozzle per colour (Cyan, Magenta, Yellow)
Maximum Resolution	4800 x 1200 dpi
Copy Quality	Standard
High, Maximum Copy Size	Legal, Copy Resolution (600 x 600 dpi)
Scanning	Scanner Type (Flatbed colour image scanner), Optical Resolution (1200 x 2400 dpi)
Paper Handling	Number of Paper Trays - 1
Paper Sizes	A4, Letter, 8.5 x 13" Legal 8.5 x 14"
Standard Input Capacity	Up to 100 sheets of plain paper (80gsm)
Output Capacity	Up to 30 sheets of plain paper (80gsm)
Card Slot/USB Host Function	USB 2.0
Interface	USB: 2.0, Network: (Ethernet, Wi-Fi IEEE 802.11b/g/n) Network Protocol (TCP/IPv4, TCP/IPv6)
Control Panel	1.44" Colour LCD Panel
Supported OS and Application	Windows 11
Standard nominal Voltage and Frequency	220V / 60Hz
Consumables	With 1 set of ink bottles (BK/CY/MG/YW)
Warranty	1-year parts and services
Green Specification	Preferably with sustainable impact specifications (energy efficient, made of recyclable materials, non-toxic materials, etc.)
LABEL PRINTER	Description
Standard Features	
Printer Methods	-Thermal Transfer or Direct Thermal -USB 2.0, USB Host -Printer setup mobile app for Android and iOS via BLE (Bluetooth Low Energy 5) connection -Real Time Clock (RTC)
Printer Specifications	
Operating System	Link-OS
Resolution	203 dpi/8 dots per mm
Memory	512 MB Flash; 256 MB SDRAM
Maximum Print Speed	6 in./152 mm per second (203 dpi)
Media and Ribbon Characteristics	
Label Length	Minimum: 0.25 in.; Maximum: 39.0 in.
Media Thickness	0.003 in. min.; 0.0075 in. max
Media Types	Roll-fed or fan-fold, die cut or continuous with or without black mark, tag stock, continuous receipt paper
Operating Characteristics	
Electrical	Standard nominal Voltage and Frequency: 220V / 60Hz

Green Specification	Preferably with sustainable impact specifications (energy efficient – Energy Star certified, made of recyclable materials, non-toxic materials, etc.)
Inclusion	As per manufacturers Standard
Green Specification	Preferably with sustainable impact specifications (energy efficient, made of recyclable materials, non-toxic materials, etc.)

SMART TV 65"	Description
PICTURE	
Display Resolution (pixels)	3840 x 2160
4K Resolution	High Dynamic Range (HDR)
Backlight Type	Direct LED
Viewing Angle (R/L)	178 (89/89) degree
AUDIO	
Bluetooth Profile Support: Version	5.3
Speaker Type	Bass Reflex Speaker
Speaker Type-2	Balanced Speaker
Speaker Configuration	Full Range (Bass Refle) x 2
Audio Format Support	Dolby Audio, Dolby Atmos
TERMINALS	
HDMI Signal	4096x2160p, 3840x2160p, 1080p/1080i, 720p
USB Ports	2
Ethernet Input	1
RF (Terrestrial/Cable) Connection Input	1 side
Digital Audio Output	1
NETWORK FEATURES	
Tuner Channel Coverage (Analog)	VHF: 2-13/UHF: 14-69/CATV: 1-135
TV System (Digital Terrestrial)	ISDB-T
Tuner Channel Coverage (Digital Terrestrial)	VHF: 7-13/UHF: 14-69
Wi-Fi Certified	Yes
Wi-Fi Standard	a/b/g/n/ac/ax
Wi-Fi Frequency	2.4GHz/5GHz
Chromecast built-in	Yes
GENERAL SPECIFICATIONS	
Standard nominal Voltage and Frequency	220V / 60Hz
Accessories	Voice Remote Control (Supply), AC Plug Convertor, Batteries, AC Power, Cord, Operating Instructions, Quick Set-up Guide, Table Top Stand, Wall Mounted Bracket
Manufacturing Date	2023 – 2024
Warranty	2 years for parts and services
Green Specification	Preferably with sustainable impact specifications (energy efficient, made of recyclable materials, non-toxic materials, etc.)

ANALYZER CASES [1]	Description
Material	Engineering Resin + Glass Fiber
Foam	Pick & Pluck
Volume	At least 80 Liters
Protection	Waterproof-IP 67, Shockproof
Case Type	Trolley w/wheels and retractable handle
Color	Black/Army Green
Internal Dimension	At least 23 x 17 x 12"
Warranty	1 year for parts and services

ANALYZER CASES [2]		Description
Material	Engineering Resin + Glass Fiber	
Foam	Pick & Pluck	
Volume	At least 25 Liters	
Protection	Waterproof-IP 67, Shockproof	
Case Type	Handcarry with wheels	
Color	Black/Army Green	
Internal Dimension	At least 20 x 10 x 7"	
Warranty	1 year for parts and services	

ANNEX B

1. Brochure (original or internet download) (FINANCIAL DOCUMENTS) or equivalent document of the brand / model of the goods being offered showing compliance to the technical specification
2. Manufacturer's Certification (POST-QUALIFICATION DOCUMENTS) that:
 - a. The bidder is authorized to distribute / deal / resell the particular product being offered nationwide (POST-QUALIFICATION)
 - b. The goods and all its accessories, consumables to be supplied are brand new, original and available
 - c. The MANUFACTURING DATE OF THE GOODS OFFERED SHALL NOT BE LATER than TWO (2) years FROM BID OPENING. (POST-QUALIFICATION)
 - d. The guarantee of availability of parts within 10 years FROM DATE OF DELIVERY.
 - e. The installers of units are authorized/accredited by the dealer/manufacturer
 - f. With 95% uptime and 5% downtime **WITHIN THE WARRANTY PERIOD**
 - g. Manufacturer's Certificate Brand must be in the local and/or international market for at least 5 years (POST-QUALIFICATION)
3. Preventive Maintenance is on annual basis during warranty period and shall submit preventive maintenance schedule and service report.
4. Calibration of analyzers is on annual basis during warranty period and shall submit calibration schedule and Calibration report from manufacturers.
5. Provide calibrated loaner unit during calibration of the analyzers.
6. Training of End-User (Operation and Troubleshooting) with Certificate of Training should be provided and should contain the following details:
 - a. Name of Trainee
 - b. Modality, Brand, Model of Equipment
 - c. Type of Training Conducted
 - d. Inclusive Dates of the Training
 - e. Name of Trainer, Date and Venue
7. Complete hardware and standard accessories including operator and service manuals based on manufacturer's package.
8. Dedicated software according to its brand which can be interface to pc or laptop preferably windows 11 or latest based software for Vital Signs Simulator and Defibrillator Analyzer

ANNEX C

1. From the date of delivery and acceptance of the products, the winning bidder shall warrant that the products are free from defects in materials and workmanship and shall undertake repair or replacement of any part(s) or portion of the equipment without cost to the government. Warranty period shall be at least two (2) years on parts and services, ninety (90) days for accessories;

If the units are malfunctioning or inoperable, the supplier shall provide maintenance service within seventy-two (72) hours after receipt of notification at no cost to VMC.

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>
			[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.]

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

VALENZUELA MEDICAL CENTER

PUBLIC BIDDING NO. VMC-2025-063

PROJECT : SUPPLY, DELIVERY, TESTING AND COMMISSIONING OF ANALYZERS

BIDDER :

I. TECHNICAL COMPONENT ENVELOPE

Class "A" Documents

Legal Documents

- (a) Valid PhilGEPS Registration Certificate Platinum Membership) (all pages);

Technical Documents

- (b) 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**
- (c) Statement of the bidder's Single Largest Completed Contract (SLCC) similar to the contract to be bid, except under conditions provided for in Section 52.4.1.3. of the New IRR of RA No. 12009, within the relevant period as provided in the Bidding Documents; and
- (d) 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
- (e) Conformity with the Technical Specifications, which may include production/delivery schedule, manpower requirements, and/or after-sales/parts, if applicable; **and**
- (f) Original duly signed Omnibus Sworn Statement (OSS);
 ➤ **For corporation/Partnership/Cooperative – attach** Original Notarized Secretary's Certificate
 ➤ For JVA - attach 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

- (g) 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

- (h) 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

- (i)Original of duly signed and accomplished Financial Bid Form

- (j) Original of duly signed and accomplished Price Schedule(s).

- (k) Brochure

Other documentary requirements under RA No. 12009 (as applicable)

- (l) [For foreign bidders claiming by reason of their country's extension of reciprocal rights to Filipinos] Certification form the relevant government office of their country stating that Filipinos are allowed to participate in government procurement activities for the same item or product.

- (m) Certification from the DTI if the Bidder claims preference as a Domestic Bidder or Domestic Entity.

ADDITIONAL REQUIREMENTS BY VMC (POST-QUALIFICATION)

<input type="checkbox"/>	CTC copy of Official Receipt as proof of payment of bidding documents.
<input type="checkbox"/>	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.
<input type="checkbox"/>	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.
<input type="checkbox"/>	Tax clearance per E.O. No. 398, s. 2005, as finally reviewed and approved by the Bureau of Internal Revenue (BIR).
<input type="checkbox"/>	The Supplier's audited financial statements, showing, among others, the Supplier's total and current assets and liabilities, stamped "received" by the BIR with 2024 ITR or its duly accredited and authorized institutions, for online submission, an email confirmation from BIR for the preceding calendar year which should not be earlier than two (2) years from the date of bid submission
<input type="checkbox"/>	Certificate of Good Performance from at least one (1) Government or Private Hospital / Agency except from VMC (<i>with at least Satisfactory rating</i>) (CY 2024-present)
<input type="checkbox"/>	Special Power of Attorney (SPA) for authorized representative if OSS is Sole Proprietorship
<input type="checkbox"/>	Proof of evidence for Single Largest Completed Contract (SLCC) – Purchase Order or Notice of Award or Contract Agreement
<input type="checkbox"/>	Other requirements required in the TOR

