PHILIPPINE BIDDING DOCUMENTS

(As Harmonized with Development Partners)

Supply, Delivery, Testing and Commissioning of Brand New Mobile Primary Care Facility (PCF)

IB No. 2023-296

Government of the Republic of the Philippines

Sixth Edition
July 2020

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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

Republic of the Philippines
Department of Health
CENTRAL OFFICE BIDS AND AWARDS COMMITTEE

INVITATION TO BID FOR THE SUPPLY, DELIVERY, TESTING AND COMMISSIONING OF BRAND NEW MOBILE PRIMARY CARE FACILITY (PCF) IB NO. 2023-296

1. The *Department of Health (DOH)*, through the *General Appropriations Act of 2023* intends to apply the sum of Eight Hundred Thirty Million Philippine Pesos (PhP830,000,000.00) being the Approved Budget for the Contract (ABC) as payments under the contract for the Supply, Delivery, Testing and Commissioning of Brand New Mobile Primary Care Facility (PCF) under IB No. 2023-296. Bids received in excess of the ABC shall be automatically rejected at bid opening.

2. The *DOH* now invites bids for the *procurement of the above-captioned project.* Delivery of the Goods is required *within the period specified under SECTION VI. Schedule of Requirements*. Bidders should have completed, *within five (5) years from the date of submission and receipt of bids,* a contract similar to the Project, *equivalent to at least fifty percent (50%) of the ABC.* 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.

   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 5183.

4. Prospective bidders may obtain further information from the *COBAC Secretariat, G/F, Bldg. 6, Department of Health, San Lazaro Compound* and inspect the Bidding Documents at the address given above during *8:00 AM – 5:00 PM, Monday to Friday.*

5. A complete set of Bidding Documents may be acquired by interested Bidders on ***28 December 2023 to 19 January 2024*** from the given address and website below and upon payment of the applicable fee for the Bidding Documents, pursuant to the latest Guidelines issued by the GPPB, in the amount of *Seventy-Five Thousand Philippine Pesos (PhP75,000.00). The Procuring Entity shall allow the bidder to present its proof of payment for the fees be presented in person.*

   It may also be downloaded free of charge from the website of the Philippine Government Electronic Procurement System (PhilGEPS) and the website of the Procuring Entity, provided that Bidders shall pay the applicable fee for the Bidding Documents not later than the submission of their bids.

6. The *DOH* will hold a Pre-Bid Conference on ***05 January 2024; 10:00 AM*** at the *COBAC Conference Room, Ground Floor, Bldg. 6, Department of Health, Sta. Cruz, Manila*, and/or through video conferencing or webcasting, which shall be open to prospective bidders. Interested bidder's may contact the COBAC-E Secretariat at this electronic mail (e-mail) address, **cobacesecretariat@doh.gov.ph** for details.

7. Bids must be duly received by the *COBAC–E Secretariat* through either (i) manual submission at the office address indicated below, (ii) online or electronic submission as indicated below, or (iii) both on or before ***19 January 2024, 9:00 AM***. 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 ***19 January 2024, 9:00 AM*** at the given address below and/or through video conferencing or webcasting. Bids will be opened in the presence of the bidders' representatives who choose to attend the activity.

10. Electronic submission of bids must be sent via e-mail to cobacesecretariat@doh.gov.ph provided that it complies with the following conditions:

    i. It should be in a clear .PDF/.IMG/.JPG/.TIFF/.GIF/.PNG format, and shall be in two (2) password protected Bidding Documents in compressed archive folders *pursuant to GPPB Resolution No. 09-2020 and Section 25.1 of the 2016 IRR of RA 9184*;

    ii. A generated bid receipt page or email acknowledgement indicating the time of submission must be secured and printed as a reference;

    iii. The documentary requirements are arranged accordingly based on the Eligibility Checklist using the standard file name indicated therein.

    iv. *For electronic bid submission, the passwords for accessing the Bidding Documents will be disclosed by the Bidders only during the actual bid opening which may be done in person or face-to-face through videoconferencing, webcasting or similar technology.* (*GPPB Resolution No. 09-2020 and Section 29 of the 2016 IRR of RA 9184)*

    Note:

    The BAC shall open the bid envelopes using a non-discretionary "pass/fail" criterion. In case of electronic bid submission, Bidding Documents not in compressed archive folders and are not password protected, shall be rejected. However, bid envelopes that are not properly sealed and marked or not properly compressed and password-protected, as required in the Bidding Documents, shall be accepted, provided that the bidder or its duly authorized representative shall acknowledge such condition of the bid as submitted. The BAC shall assume no responsibility for the misplacement of the contents of the improperly sealed or marked bid, or improperly compressed or password-protected folder, or for its premature opening. (GPPB Resolution No. 09-2020 and Section 25.9 of the 2016 IRR of RA 9184)

    Further, once the Bidder is determined as the Single/Lowest Calculated and Responsive

Bid, the Bidder shall submit three (3) sets of printed copies of the eligibility documents, certified as such by the bidder or his duly authorized representative.

11. The *DOH* 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 RA 9184 and its IRR, without thereby incurring any liability to the affected bidder or bidders.

12. For further information, please refer to:

COBAC – E Secretariat
Department of Health
San Lazaro Compound
Sta. Cruz, Manila
Tel. Nos. 8651-7800 local 1624 to 1627; 1650 to 52
Facsimile No.: 8741-9775; 8740-6830
Official email address: cobacesecretariat@doh.gov.ph

13. You may visit the website listed below:

For downloading of Bidding Documents: https://www.doh.gov.ph/procurement

Sgd.
KENNETH G. RONQUILLO, MD, MPHM, CESO III
Undersecretary of Health
COBAC-E Chairperson

Section II. Instructions to Bidders

1. Scope of Bid

The Procuring Entity, *DOH* wishes to receive Bids for the *Supply, Delivery, Testing and Commissioning of Brand New Mobile Primary Care Facility (PCF)* with identification number *IB No. 2023-296.*

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

2. Funding Information

2.1. The GOP through the source of funding as indicated below for *2023* in the amount of Eight Hundred Thirty Million Philippine Pesos (PhP830,000,000.00).

2.2. The source of funding is:

a. NGA, the General Appropriations Act (GAA)

3. Bidding Requirements

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

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

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

4. Corrupt, Fraudulent, Collusive, and Coercive Practices

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

5. Eligible Bidders

5.1. Only Bids of Bidders found to be legally, technically, and financially capable will be evaluated.

5.2. *Foreign bidders may be eligible to participate when any of the following*

circumstances exist:

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.

5.3. Pursuant to Section 23.4.1.3 of the 2016 revised IRR of RA No.9184, the Bidder shall have an SLCC that is at least one (1) contract similar to the Project the value of which, adjusted to current prices using the PSA's CPI, must be at least equivalent to:

a. For the procurement of Non-Expendable Supplies and Services: The Bidder must have completed a single contract that is similar to this Project, equivalent to at least fifty percent (50%) of the ABC.

5.4. The Bidders shall comply with the eligibility criteria under Section 23.4.1 of the 2016 IRR of RA No. 9184.

6. Origin of Goods

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

7. Subcontracts

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

The Procuring Entity has prescribed that:

a. Subcontracting is not allowed.

7.2. 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 *COBAC Conference Room, Ground Floor, Bldg. 6, Department of Health, Sta. Cruz, Manila,* and/or through video conferencing or webcasting, which shall be open to prospective bidders 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 *five (5) years* prior to the deadline for the submission and receipt of bids.

10.3. If the eligibility requirements or statements, the bids, and all other documents for submission to the BAC are in foreign language other than English, it must be accompanied by a translation in English, which shall be authenticated by the appropriate Philippine foreign service establishment, post, or the equivalent office having jurisdiction over the foreign bidder's affairs in the Philippines.

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. Similar to the required authentication above, for Contracting

11. Documents comprising the Bid: Financial Component

11.1. The second bid envelope shall contain the financial documents for the Bid as specified in **Section VIII (Checklist of Technical and Financial Documents)**.

11.2. If the Bidder claims preference as a Domestic Bidder or Domestic Entity, a certification issued by DTI shall be provided by the Bidder in accordance with Section 43.1.3 of the 2016 revised IRR of RA No. 9184.

11.3. Any bid exceeding the ABC indicated in paragraph 1 of the **IB** shall not be accepted.

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

12. Bid Prices

12.1. Prices indicated on the Price Schedule shall be entered separately in the following manner:

a. For Goods offered from within the Procuring Entity's country:

i. The price of the Goods quoted EXW (ex-works, ex-factory, ex-warehouse, ex-showroom, or off-the-shelf, as applicable);

ii. The cost of all customs duties and sales and other taxes already paid or payable;

iii. The cost of transportation, insurance, and other costs incidental to delivery of the Goods to their final destination; and

iv. The price of other (incidental) services, if any, listed in e.

b. For Goods offered from abroad:

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

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

13. Bid and Payment Currencies

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

13.2. Payment of the contract price shall be made in:

a. Philippine Pesos.

14. Bid Security

14.1. The Bidder shall submit a Bid Securing Declaration[2] or any form of Bid Security in the amount indicated in the **BDS**, which shall be not less than the percentage of the ABC in accordance with the schedule in the **BDS**.

14.2. The Bid and bid security shall be valid until *One Hundred Twenty Calendar (120) Days from the date of Opening of Bids.* Any Bid not accompanied by an acceptable bid security shall be rejected by the Procuring Entity as non-responsive.

15. Sealing and Marking of Bids

Each Bidder shall submit one copy of the first and second components of its Bid.

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

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

16. Deadline for Submission of Bids

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

17. Opening and Preliminary Examination of Bids

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

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

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

18. Domestic Preference

18.1. The Procuring Entity will grant a margin of preference for the purpose of comparison of Bids in accordance with Section 43.1.2 of the 2016 revised IRR of

RA No. 9184.

19. Detailed Evaluation and Comparison of Bids

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

19.2. If the Project allows partial bids, bidders may submit a proposal on any of the lots or items, and evaluation will be undertaken on a per lot or item basis, as the case 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:

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

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

20. Post-Qualification

20.1. Within a non-extendible period of five (5) calendar days from receipt by the Bidder of the notice from the BAC that it submitted the Lowest Calculated Bid, the Bidder shall submit its latest income and business tax returns filed and paid through the BIR Electronic Filing and Payment System (eFPS) and other appropriate licenses and permits required by law and stated in the **BDS**.

21. Signing of the Contract

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

Section III. Bid Data Sheet

Bid Data Sheet

<table>
<tr><th>ITB Clause</th><th></th></tr>
<tr><td>5.3</td><td>For this purpose, contracts similar to the Project shall be:

a. Medical vehicle
b. completed within five (5) years prior to the deadline for the submission and receipt of bids.</td></tr>
<tr><td>7.1</td><td>Subcontracting is not allowed</td></tr>
<tr><td>12</td><td>The price of the Goods shall be quoted DDP to Department of Health warehouse located within Metro Manila or the applicable International Commercial Terms (INCOTERMS) for this Project.</td></tr>
<tr><td>14.1</td><td>The bid security shall be in the form of a Bid Securing Declaration, or any of the following forms and amounts:

a The amount of not less than two percent (2%) of ABC amounting to PhP16,600,000.00, if bid security is in cash, cashier's/manager's check, bank draft/guarantee or irrevocable letter of credit; or
b The amount of not less than five percent (5%) of ABC amounting to PhP41,500,00.00, if bid security is in Surety Bond.</td></tr>
<tr><td>15</td><td>Each Bidder shall submit one (1) original and two (2) copies of the first and second components of its bid: 1st copy- marked as 'ORIGINAL'; 2nd copy- marked as 'COPY 1'; 3rd copy- marked as 'COPY 2'.</td></tr>
<tr><td>19.3</td><td>The ABC is Eight Hundred Thirty Million Philippine Pesos (PhP830,000,000.00). Any bid with a financial component exceeding this amount shall not be accepted, to wit:
<table>
<tr><th>Lot No.</th><th>Description</th><th>Qty.</th><th>Unit</th><th>Total ABC (PhP)</th></tr>
<tr><td>1</td><td>Supply, Delivery, Testing and Commissioning of Brand New Mobile Primary Care Facility (PCF)</td><td>83</td><td>Unit</td><td>830,000,000.00</td></tr>
</table></td></tr>
<tr><td>20.1</td><td>The S/LCB shall submit three (3) sets of true copies of the original certified as such by the bidder or his duly authorized signatory within a <u>non-extendible period of five (5) calendar days</u> from receipt of the notification arranged, numbered and tabbed as enumerated below:

(a) Latest Annual Tax Return filed thru Electronic Filing and Payment Systems (EFPS) and must be duly validated with the tax payments made thereon for the preceding Tax Year be it on a calendar or fiscal year income (per Revenue Regulations 3-2005);

(b) Latest Business Tax Return filed thru Electronic Filing and Payment System (EFPS) duly validated with the tax payments made thereon also refers to the Value Added Tax (VAT) or Percentage Tax Returns covering the previous</td></tr>
</table>

	six (6) months (per Revenue Regulations 3-2005); *The latest income and business tax returns are those within the last six months preceding the date of bid submission* (c) Articles of Incorporation and General Information Sheet (GIS), in case the Bidder has submitted a SEC registration in its PhilGEPS Certificate of Platinum Mambership, if applicable *Failure of the Bidder declared as S/LCB to duly submit the requirements stated above or a finding against the veracity of such shall be ground for forfeiture of the bid security and disqualify the Bidder for award.* ***NOTE:*** ***1) In case of a JVA, each joint venture partners shall submit the above-cited Post-Qualification Documentary Requirements (GPPB NPM 006-2010 dated 04 February 2010).*** ***2) As the possible Single/Lowest Calculated Responsive Bidder (S/LCRB), please provide the COBAC – E, soft copy in "Word" and in PDF the Technical Specifications you submitted during the Submission and Opening of Bids for the above-cited procurement project.*** 3) ***All submitted documents during the Submission and Opening of Bids (original and the two (2) copies) by the S/LCB must be true copies of the original certified as such by the Bidder's duly authorized signatory.***
20.2	*Not applicable*
21.2	*Not applicable*

Section IV. General Conditions of Contract

1. Scope of Contract

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

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

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

2. Advance Payment and Terms of Payment

2.1. Advance payment of the contract amount is provided under Annex "D" of the revised 2016 IRR of RA No. 9184.

2.2. The Procuring Entity is allowed to determine the terms of payment on the partial or staggered delivery of the Goods procured, provided such partial payment shall correspond to the value of the goods delivered and accepted in accordance with prevailing accounting and auditing rules and regulations. The terms of payment are indicated in the **SCC**.

3. Performance Security

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

4. Inspection and Tests

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

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

5. Warranty

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

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

6. Liability of the Supplier

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

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

Section V. Special Conditions of Contract

Special Conditions of Contract

GCC Clause	
1	**Delivery and Documents –** For purposes of the Contract, "EXW," "FOB," "FCA," "CIF," "CIP," "DDP" and other trade terms used to describe the obligations of the parties shall have the meanings assigned to them by the current edition of INCOTERMS published by the International Chamber of Commerce, Paris. The Delivery terms of this Contract shall be as follows: *[For Goods supplied from abroad, state:]* "The delivery terms applicable to the Contract are DDP delivered [*indicate place of destination*]. In accordance with INCOTERMS." *[For Goods supplied from within the Philippines, state:*] "The delivery terms applicable to this Contract are delivered *[indicate place of destination]*. Risk and title will pass from the Supplier to the Procuring Entity upon receipt and final acceptance of the Goods at their final destination." Delivery of the Goods shall be made by the Supplier in accordance with the terms specified in Section VI (Schedule of Requirements). For purposes of this Clause the Procuring Entity's Representative at the Project Site is/are: **MARIA FRANCIA MICIANO-LAXAMANA, MD, MHSA, CHS** Undersecretary of Health Special Concerns and Public-Private Partnership Cluster Bldg. 19, Department of Health, Sta. Cruz, Manila Tel No. 651-7800 local 2239, 2244 E-mail Address: usecfmlosc@doh.gov.ph **CRISTINA FLOR C. MARIFOSQUE** Executive Assistant IV Special Concerns and Public-Private Partnership Cluster Bldg. 19, Department of Health, Sta. Cruz, Manila Tel No. 651-7800 local 2239, 2244 E-mail Address: usecfmlosc@doh.gov.ph

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

	Where the Supplier is required under Contract to deliver the Goods CIF, CIP or DDP, Goods are to be transported on carriers of Philippine registry. In the event that no carrier of Philippine registry is available, Goods may be shipped by a carrier which is not of Philippine registry provided that the Supplier obtains and presents to the Procuring Entity certification to this effect from the nearest Philippine consulate to the port of dispatch. In the event that carriers of Philippine registry are available but their schedule delays the Supplier in its performance of this Contract the period from when the Goods were first ready for shipment and the actual date of shipment the period of delay will be considered force majeure. The Procuring Entity accepts no liability for the damage of Goods during transit other than those prescribed by INCOTERMS for DDP deliveries. In the case of Goods supplied from within the Philippines or supplied by domestic Suppliers risk and title will not be deemed to have passed to the Procuring Entity until their receipt and final acceptance at the final destination. **Intellectual Property Rights –** The Supplier shall indemnify the Procuring Entity against all third-party claims of infringement of patent, trademark, or industrial design rights arising from use of the Goods or any part thereof.
2.2	Based on the General Provisions of the GAA of 2023, Section 70: Cash Budgeting System, all appropriations in this Act, including budgetary support to GOCCs and financing assistance to LGUs, shall be available for release and obligation for the purpose specified, and under the same general and special provisions applicable thereto, until December 31, 2024, except for personnel services which shall be available for release, obligation and disbursement until December 31, 2023. On the other hand, appropriations for the statutory shares for LGUs shall be available for obligation and disbursement until fully expended. The construction of infrastructure projects, delivery of goods and services, inspection and payment of infrastructure capital outlays, MOOE and other capital outlays, including those subsidy releases to GOCCs for MOOE and capital outlays, shall be made not later than December 31, 2024. After the end of validity period, all unreleased appropriations and unobligated allotment shall lapse, while unexpended or undisbursed funds shall revert to the unappropriated surplus of the General Fund in accordance with Section 28, Chapter IV Book VI of E.O. No. 292 and shall not thereafter be available for expenditure except by subsequent legislative enactment. Departments, bureaus, and offices of the National Government, including Constitutional Offices enjoying fiscal autonomy, SUCs and GOCCs, shall strictly observe the validity of appropriations and the reversion of funds. All funds transferred between national government agencies, or by national government agencies to GOCCs and vice versa, or by national government agencies to LGUs shall not be considered disbursed under this Section until the transferred amounts have been actually utilized to pay for completed construction, goods delivered and services rendered, inspected and accepted, within the validity period. It is understood that transfer of funds shall strictly be in accordance with pertinent budgeting, accounting, auditing, and procurement laws, rules, and regulations.

	The terms of payment shall be as follows: Payment shall be made per delivery of the Mobile Primary Care Facility (PCF) and acceptance by DOH-HFEP. **For staggered delivery**: Terms of Payment/billing shall be made for each completed delivery and acceptance upon presentation of signed Invoice Receipt and submission of relevant documents as stipulated in the contract. **Requirements if the Contract is awarded**: 1. Training: The supplier shall provide orientation/training on the use and maintenance of the Mobile Primary Care Facility (PCF), Vehicle, air-conditioning unit, generator set and manual transfer switch, and all medical equipment to the end-users at a schedule to be agreed upon by HFEP MO, recipient sites, and supplier. 2. The supplier shall submit the following to the end user/recipients of the Mobile Primary Care Facility (PCF): a. Operator's Manual in English language for the Mobile Primary Care Facility (PCF), vehicle, medical equipment and their accessories, air-conditioning unit, generator set, and manual transfer switch. b. At least three (3) years validity of vehicle LTO registration with red plate. c. Third Party Liability (TPL) vehicle insurance for one (1) year and comprehensive GSIS vehicle insurance for one (1) year.
4	The inspections and tests that will be conducted are: 1. **Prototype**: A prototype sample shall be presented by the supplier prior to the delivery of the Mobile Primary Care Facility (PCF). During the prototype inspection, selected DOH Inspection Committee members shall verify the acceptability of the Mobile Primary Care Facility (PCF) interior architectural layout and interior finishes. The inspection team shall also verify the acceptability of the craftsmanship of the plumbing, electrical, structural and mechanical works and that the materials used conform to the required specifications. The prototype must be presented within 25 calendar days upon receipt of the Notice to Proceed (NTP)." 2. **Completion Period**: The delivery, testing, and commissioning of the Mobile Primary Care Facility (PCF) shall be completed within 120 calendar days upon receipt of the NTP. 1st tranche: 20 units 30 calendar days upon receipt of approved Notice to Proceed

	2nd tranche: 21 units 60 calendar days upon receipt of approved Notice to Proceed 3rd tranche: 21 units 90 calendar days upon receipt of approved Notice to Proceed 4th tranche: 21 units 120 calendar days upon receipt of approved Notice to Proceed 3. **Testing**: Upon delivery, each Mobile Primary Care Facility (PCF) shall undergo preliminary physical inspection by HFEP MO Inspection Team to ascertain the physical condition and acceptability of the units. All equipment, instruments, accessories and peripherals shall be functioning and shall have no physical damage.

Section VI. Schedule of Requirements

The delivery schedule expressed as calendar days stipulates hereafter a delivery date which is the date of delivery to the project site.

Lot No.	Description	Quantity and Unit	ABC (PhP)	Delivery Site	Delivery Schedule
1	Supply, Delivery, Testing and Commissioning of Brand New Mobile Primary Care Facility (PCF)	83 units	830,000,000.00	Department of Health Warehouse within Metro Manila	1. **Prototype**: A prototype sample shall be presented by the supplier prior to the delivery of the Mobile PCF. During the prototype inspection, selected DOH Inspection Committee members shall verify the acceptability of the Mobile PCF interior architectural layout and interior finishes. The inspection team shall also verify the acceptability of the craftsmanship of the plumbing, electrical, structural and mechanical works and that the materials used conform to the required specifications. The prototype must be presented within 25 calendar days upon receipt of the Notice to Proceed (NTP). 2. **Completion Period**: The delivery, testing, and commissioning of the Mobile Primary Care Facility (PCF) shall be completed within 120 calendar days upon receipt of the NTP. **1st tranche: 20 units**- 30 calendar days upon receipt of approved Notice to Proceed **2nd tranche: 21 units**- 60 calendar days upon receipt of approved Notice to Proceed **3rd tranche: 21 units**- 90 calendar days upon receipt of approved Notice to Proceed **4th tranche: 21 units** -120 calendar days upon receipt of

					approved Notice to Proceed

***Please include the attached Annex B –Technical Specifications with signature of the authorized representative as part of the submission of the bid proposal.**

_____
Signature over Printed Name
[date of signing]

In the capacity of: *[title or other appropriate designation]*
Duly authorized to sign bid for and on behalf of: *[Name of Company]*
[Complete office address]
[Contact No.]
[Fax No.]
[Email Address]

ANNEX A

CONCEPT NOTE
PROVISION OF EIGHTY (83) UNITS MOBILE PRIMARY CARE FACILITY (PCF) OF THE OFFICE OF THE PRESIDENT TO THE DEPARTMENT OF HEALTH (DOH) FOR PRIORITY GEOGRAPHICALLY ISOLATED AND DISADVANTAGED AREAS (GIDA)

I. BACKGROUND

Republic Act (R.A) No. 112233, otherwise known as the Universal Health Care (UHC) Act, seeks to ensure
that all Filipinos are healthy, protected from health hazard and risks, and has access to affordable, quality, and readily available health services that is appropriate to their needs. The 8-Point Action Agenda, which is the Medium- Term Strategy of the Health Sector for 2023-2028, defines the country's vision, policy direction, and strategic objectives needed to accelerate the achievement of UHC. "Lahat Ramdam ang Kalusugan": it emphasizes that one of the strategic objectives for the achievement of UHC in the 8-point agenda is the establishment and upgrading of the primary care provider (PCPN) as the foundation of the health care provider network (HCPN).'

The National Government shall make available commensurate financial and non-financial matching grants, including capital outlay, human resources for health and health commodities, to improve the functionality of province-wide and city wide systems, provided that the underserved areas is given priority in the allocation of grants and that grants is in accordance with the approved province-wide and city-wide health investment plans.

Aligned with the direction of the Philippine Health Facility Development Plan (PHFDP) 2020-2040 to provide access to quality primary care, which includes stand-alone laboratories, The DOH realizes the need for more accessible clinical laboratories especially in underserved areas. This will promote health awareness and improve access for patients to receive timely diagnosis and service. With all these taken into consideration, this aligns with the Special Concerns Team's mandate to spearhead the development of pilot programs and those of special concerns that can be integrated to strengthen Universal Health Care such as this.

The provision of Mobile Primary Care Facility (MPCF) will provide the early diagnosis and management of patient. Providing access to these services, like the collection of samples, analysis and diagnosis will be felt by the disadvantaged areas. "Dahil sa Bagong Pilipinas, bawat Buhay Mahalaga. Nasaan ka man Ramdam ang Pagkalinga".

II. OBJECTIVES

The primary objectives of this project is to procure essential medical equipment for the establishment and operation on Mobile Primary Care Facility (PCF) in our target provinces. The Mobile Primary Care Facility (PCF) will serve as an innovative and flexible solution to provide health care services, reaching underserved populations and limited access to medical facilities.

ANNEX B
TECHNICAL SPECIFICATIONS

I. Name of Project: Supply, Delivery, Testing and Commissioning of Brand New Mobile Primary Care Facility (PCF)

II. Quantity: 83 units

III. Fund Source: General Appropriations Act 2023, Trust Receipts

IV. Approved Budget for the Contract (ABC)

Cost of Each Unit: 10,000,000.00
4,371,770 for Mini bus,
1,195,000 for Customization with Generating Set and Additional Aircon
4,433,230 for Medical Equipment and Telemedicine with bag
Total ABC: 830,000,000.00

V. Mobile Primary Care Facility (PCF) Description

1. The Mobile Primary Care Facility (PCF) shall be a Mini Bus with a dimension of 6990mm (length) x 2080mm (width) x 2635mm (height), ±1% tolerance **(interior is custom-made)**
2. The Mobile Primary Care Facility (PCF) shall have the following medical services:
   a. Chest X-ray
   b. Hematology, blood chemistry, electrolyte analysis, and urinalysis.
   c. Basic ultrasound procedures (OB Gyn, abdominal, thyroid gland, neck, etc.), electrocardiography, blood pressure measurement, and ophthalmoscopy, blood glucose measurement, breathing volume measurement.
3. The Mobile Primary Care Facility (PCF) shall have the necessary components, parts, and equipment described in the following sections to facilitate and support the medical services identified above.

VI. Mobile Primary Care Facility (PCF) Specifications

A. Indicative Floor Layout

1. The indicative floor layout for the Mobile Primary Care Facility (PCF) is shown in **Annex D-1**. The layout shows the different compartments, their measurements, and the positioning of some equipment. It must be clear that the shown layout is for indicative purposes only. Entrance layout is acceptable as long as the specifications indicated in the following sections of this Technical Specifications are complied.
2. The required body marking for the Mobile Primary Care Facility (PCF) is shown in **Annex D-2**.

B. Mobile Primary Care Facility (PCF) Interior Finishes

1. **Interior Walls and Ceiling**: The interior walls and ceiling of the Mobile Primary Care Facility (PCF) shall be made white painted aluminum composite panels or other lightweight, and equivalent strength materials. The interior walls and ceiling must be firmly and securely fastening to the body structure of the Mini bus
2. **Wall Partitions:** The wall partitions shall be at least 1/4 mm thick aluminum composite or other lightweight, and equivalent strength materials with galvanized iron frame.
3. **Windows:** The Mobile Primary Care Facility (PCF) must be fitted with at least two windows (One for the laboratory room and one for the Ultrasound room).
4. **Main Door:** The main door of the Mobile Primary Care Facility (PCF) shall be a folding automatic door. The door shall be fitted with a tempered glass window with door lock.
5. **Floor:** The floor of the Mobile Primary Care Facility (PCF) shall be finished with non-slip, wear resistant PVC vinyl material, at least 2mm thick and gray color.
6. **Interior Lighting:** Each room/part of the Mobile Primary Care Facility (PCF) shall be properly illuminated using Daily Light LED lamps. The LED lamps shall be flush-mounted on the ceiling of the Mobile Primary Care Facility (PCF) and the LED lamps in each room/part shall have independent switches flush-mounted on the wall adjacent to the doors. each room/part of the Mobile Primary Care Facility (PCF) shall have the following illumination level:
   a. **X-ray room**: minimum of 800 lux (minimum of 2 pieces 6 Watts LED lamps or equivalent)
   b. **Laboratory room**: minimum of 800 lux (minimum of 2 pieces 6 Watts LED lamps or equivalent)
   c. **Ultrasound/ECG room**: minimum of 800 lux (minimum of 2 pieces 6 watts LED lamps or equivalent)
   d. **Other parts**: minimum of 400 lux (minimum of 1 piece 6 Watts LED lamp or equivalent)

C. X-ray Room Specifications

1. The room size shall be 1956mm (width) x 1800mm (length) and with diagonal length is 2.6meters with ± 5% tolerance.

2. All walls of the x-ray room shall be lined with at least 1.5 mm thick lead sheet with a density of 11.36g/cm³. The lead sheet must be glued onto and sandwiched between the room interior panels and the body structure of the Mini Bus.
3. The door of the x-ray room shall be lined with 1.5 mm thick lead sheet from edge to edge including door jambs.
4. The room shall be fitted with a viewing window at least 101.6mm (width) x 203.2 mm (length). The base of the window shall be located at a height of at least 1.3m from the floor. The two windows must be made of lead glass material with a lead equivalence of at least 8mm.
5. The control of the x-ray machine must be installed in front of the lead glass viewing window and placed outside the room.
6. A red warning light must be installed above the x-ray room door. The light must be automatically illuminated when the x-ray machine is switched on.
7. The X-ray Machine including all peripherals and accessories shall be securely mounted and shall be properly installed in compliance with the regulatory requirements of the Center for Devices, Radiation Health and Research, Food and Drug Administration.
   The required technical specifications and other requirements for the x-ray machine are indicated in Section VI.
8. The room shall be fitted with an air-conditioning unit (ACU), at least 1 HP, split type, inverter technology, 220V, 60Hz. The ACU must be securely mounted on the Mini Bus body structure.

D. Ultrasound/ECG Room Specifications

1. Size of the Ultrasound/ECG room shall be at least 1800mm (width) x 1800mm (length), ± 5% tolerance.
2. An Ultrasound machine and an ECG machine shall be installed in the room. The respective cart/trolley of the equipment shall be securely mounted on the floor or shall have a fastening system to avoid the equipment from rolling during transportation. The required technical specifications and other requirements for the Ultrasound Machine, and ECG machine are indicated in Section VIII.
3. The room shall also contain the following medical equipment with the required technical specifications indicated in Section VIII:
   a. Telemedicine
   b. Stethoscope
   c. Ophthalmoscope
   d. Examination Light
4. The room shall be installed with at least one duplex type convenience outlet (10A, 220V, 60Hz) with grounding located on the head side of the Examination Table to provide power to the Ultrasound machine and ECG machine.
5. This room together with the laboratory room, shall be fitted with an air-conditioning unit (ACU), at least 1.5 HP, split type, inverter technology, 220V, 60Hz. The ACU must be securely mounted on the Mini Bus body structure.
6. Ultrasound bed and overhead cabinet Dimensions:
   Overhead Cabinet: 1800mm (length) x 370mm (width) x 280mm (height), ± 5% tolerance
   Ultrasound Bed: 1800mm (length) x 550mm (width) x 850 (height), ± 5% tolerance with two toned color of light gray and dark gray.
7. The room also features curtains with a 12 mm diameter curtain rail and a length of 1800 mm. Curtain size is 5’ (length) x 7’ (width) or 1524 mm (length) x 2134 mm (width)

E. Laboratory Room Specifications

1. The size of the Laboratory shall be at least 1.5m (width) x 1.8m (length) ± 5% tolerance.
2. The room shall have the following:
   a. Working bench/table top with approximate dimension 1500mm (length) x 550 mm (width) x 850 (height), ± 5% tolerance. The benchtop shall be made of resin phenolic surface or equivalent waterproof, chemical proof, and scratch proof material. The lower section of the bench shall consist of at least 4 cabinets with at least 2 shelves and with doors with lock.
   b. Wall mounted overhead cabinets placed directly above the working bench. With approximate size of 1500mm (length) x 370mm (width) x 280mm (height) ± 5% tolerance divided into at least four cabinets with at least 1 shelf with lockable doors. The bottom side of the cabinet shall include an LED

lighting fixtures to provide additional illumination of the working bench. Lavatory made of stainless steel with water faucet connected to clean water tank and with drainage system connected to the waste water tank. The water supply pipes and drainage pipes must be covered with a cabinet built stainless steel or PVC or ABS material.

c. This room together with the ultrasound room, shall be fitted with an air-conditioning unit (ACU), at least 1.5 HP, split type, inverter technology, 220V, 60Hz. The ACU must be securely mounted on the Mini Bus body structure.
d. At least 3 duplex type convenience outlets (10A, 220V, 60Hz) with grounding installed on the wall side of the working bench to provide power to the laboratory Equipment.
e. The Laboratory Room shall contain the following laboratory equipment with the required technical specifications and other requirements shown in Section VIII:
    i. Hematology Analyzer
    ii. Chemistry Analyzer
    iii. Binocular Microscope
    iv. Clinical Centrifuge
    v. Hematocrit Centrifuge
    vi. Pharmaceutical Refrigerator
    vii. Handheld Electrolyte Analyzer

F. Entrance and Hallway Specifications

1. The side door shall serve as the entrance way going to the Ultrasound/ECG room and Laboratory room. The entrance to the X-ray room is at the back door.
2. A bench with a dimension of 700mm (length) x 400mm (width) x 450mm (height), ± 5% tolerance shall serve as a waiting bench for the patients and may also be used for the blood collection shall be installed in the hall way. The bench shall be securely mounted on the floor. The bench (seat and backrest) shall be made of sturdy aluminum frame material and panels coated with white color paint or other lightweight, equivalent strength material such as fiberglass reinforced plastics or plastic laminated. The seat and backrest must be fitted with mattress made of polyurethane foam covered with a washable leatherette material. The construction of the bench must be in such a way that the underneath can be used as a compartment.
3. A digital clock with at least 4-inch display shall be mounted on the wall of the hall way. The vehicle shall also have a Fire Extinguisher which is well mounted.
4. Must have a working table with the following dimension: 1050mm (length) x 500mm (width) x 700mm (height), ± 5% tolerance

G. Clean Water Tank

The Mobile Primary Care Facility (PCF) shall be installed with a refillable stainless steel 304 clean water tank at least 80 liters capacity and with a piping system to provide clean water to the lavatories. A water hose with a diameter of 1/2 inch and 20 meters length shall be provided to be used for filling up the tank with clean water. The size of the clean water tank shall be at least 1000mm (length) x 400mm (width) x 250mm (height), ± 5% tolerance

H. Waste Water Tank

The Mobile Primary Care Facility (PCF) shall be fitted with a stainless steel 304 waste water tank at least 100 liters capacity and with piping system for the drainage of used water from the lavatories. A drain hose at least 20 meters length with a quick release valve to serve as a means to drain the waste water from the tank shall be provided. The size of the waste water tank shall be at least 600mm (length) x 420mm (width) x 320mm (height), ± 5% tolerance

I. Installation of Electrical Wirings and Devices

The Mobile Primary Care Facility (PCF) shall be installed with the appropriate electrical wirings, switches and circuit breakers for the supply of electrical power to the x-ray room, laboratory room, Ultrasound/ ECG room, air-conditioning units, ceiling lamps, and convenience outlets from the Generator Set and/or from an outside power source.

J. Manual Transfer Switch

A Manual Transfer Switch (at least 100 amperes, 230V) installed between the Generator Set connection and outside power source. The connection for the outside power source must be a retractable extension cord, 30 mm

2 stranded copper wire with grounding wire, at least 10 meters length, with heavy duty electrical plug.

K. Electric Generator Set

Generator Set Info

Rated Frequency (Hz): 60 Hz
Rated Voltage (V): 220V
Rated Power: 9.0kW
Max. Power: 10.0 KVA
DC Output: 12V 8.3A
Phase Number: Single
Excitation Transistorized: Brush, exciting-self
Power Factor: 1
Fuel Tank Capacity (L): 20
Engine No.: 195FD
Starting Engine type: 4 strokes,OHV,Single cylinder Air-cooled
Bore x Stroke (mm): 95*75
Displacement: 0.531L
Compression ratio: 20:1
Rated Speed (rpm/min): 3600 ± 1% tolerance
Rated Power[kw/(rpm/min)]: 10.5, 11.0
Engine Oil Tank (L): 1.65
Fuel consumption (g/kwh): ≤ 275
Fuel Type: 0# (Summer), -10# (Winter),- 35#(Extremely cold) Diesel
Engine Oil Brand: SAE10W30 or15W-40 or (CD grade above)
Optional: ATS/REMOTE
Package size (mm): 950 (length) x 550 (width) x 770 (height)
Net/Gross Weight (kg): 170/175 ± 1% tolerance

L. Aircon:

Split type (1.5HP), inverter technology, 220V, 60Hz
Split type (1 HP), inverter technology, 220V, 60Hz

M. Vehicle Sticker

As per design in Annex D
Front: more or less 155W x 30H (cm)
Back (Body): more or less 100W x 94H (cm)
Back (Left Side): more or less 30W x 73H (cm)
Back (Right Side): more or less 30W x 73H (cm)
Side (Top): more or less 460W x 60H (cm) / 2pcs
Side (Body): more or less 410W x 170H (cm) / 2pcs
Side (Front): more or less 190W x 110H (cm) / 2pcs
Side (Front): more or less 30W x 30H (cm) / 2pcs (DOH logo)

Color scheme

Red - c14 m98 y100 k4
Blue - c100 m97 y6 k7
Yellow - c2 m16 y98 k0

VII. Vehicle Specifications

Overall Dimensions (mm): at least 6,990 (length) x 2,080 (width) x 2,635 (height) ± 1% tolerance
Wheelbase (mm): 3,935 ± 1% tolerance
Minimum Ground Clearance (mm): 180 ± 2% tolerance
Seating Capacity: 2 (D&P)

Engine Transmission

Engine Type: 4-cylinder, In-Line, 16-valve OHV, Gear drive
Displacement (cc): minimum 4000
Max Output (PS/rpm): at least 130/2500 - 136/2500
Max Torque (Nm/rpm): 390/1400

Fuel Type: Diesel
Fuel Tank Capacity (L): at least 90
Fuel Regulation Type: EURO 4
Transmission: 5-speed manual transmission

Chassis
Wheels: 17.5" Steel
Spare Tire: Full Spare (Front)
Brake Type: (Fr) Ventilated Disc, (Rr) Drum (w/ Auto Adjuster)
Suspension: (Fr) Double Wishbone, (Rr) Leaf Spring

Exterior
Headlamps: Halogen
Rear Combination Lamp: Halogen
Cool Air Intake: Snorkel Type (with Pre Cleaner)
Windshield Wiper: (Fr) Intermittent
Center Door: Folding Auto Type
Back Door: Double-Leafed Hinged Door

Interior
Seat Material: Fabric
Inside Rearview Mirror: With
Parking Brake: Lever

Function
Ignition System: Rotary
Air-conditioning System: Manual Climate Control
12v Socket: 1

Safety
SRS Airbags: Driver side,
Seatbelts: (D) 3pt. ELR Pretensioner + Force Limiter, (P) 3pt. ELR
With Anti-Lock Brake System and with Brake Assist

Tools
Manufacturer standard

VIII. Medical Equipment Specifications

A. (83 units) MOBILE DIGITAL X-RAY SYSTEM WITH BUCKY STAND

X-ray Unit

- Standard output power: ≥5kVA
  Maximum output power: P=100kV×50mA=5kW
  Power capacity: ≥5kVA;
  Inner resistance≤0.5Ω
  Voltage range: Voltage: AC220V ± 22V
- Tube current: 20-100mA
- mAs range: 0.2-200mAs, shift adjustment
- Exposure time: 0.01s-4s
- Frequency: ≥40kHz
- X-ray tube type
  Focal spot size: 1.8mm
  Anode heat capacity: 40KJ
- Dimension: at least 290x260x230mm, ± 1% tolerance
- Weight: 18-20 kg

Digital Flat Panel Detector

- Technology: Amorphous Silicon

- Scintillator: Csl
- Active area (mm2): 427X427
- Pixel Pitch: at least 139μm
- Pixel Matrix: 3072x3072
- Spatial Resolution: 3.6 Ip/mm
- AD Conversion: 16 bit
- Data Transmission: GiGE
- Stable iSync + Automatic Exposure Detection
- Preview Image Time: 3
- Full Image Time: 5
- Dimension: 460x460x15mm
- Weight: 4kg -5kg
- Power Dissipation (W): 30

Environment Specification

- Operating Temperature (°C): 5~35°
- Storage & Transport Temperature with package (°C): -10~55°
- Operating Humidity (%RH): 30~80 (Non-Condensing)
- Storage & Transport Humidity with package (%RH): 10~90 (Non-Condensing)

Bucky Stand

- Size: 1780mm*650mm*430mm, ± 1% tolerance
- General Weight: 200kg to 205kg
- Net Weight: 180KG -190kg

Digital Image Workstation

- CPU: Core i5 or better
- Memory Capacity: 16gb or more
- Hard disk: 500gb or better
- System: 64 bits window operating system
- With ink-jet printer

B. (83 units) PORTABLE ULTRASOUND MACHINE

General Features:

- Weighing not more than 5 kgs, comfortably pick and go.
- Built-in battery, working time more than 2 hours, extending point of care to sites where power sources are unavailable.
- Not only a professional ultrasound system, could also be a laptop computer upon request.
- 15-inch LED display, as large as 175 degree viewing angle.
- 8-segment TGC, precise adjustment of near/far gain.
- 2 USB ports, connectivity of USB flash and laser printer
- Discom 3.0 port, compatibility with archives, PACS or serves
- Projector port, a must for lecturing or training
- Probe variety: convex, micro-convex, endo-cavity/rectal, linear
- Specialty: general, OB/GYN, vascular, cardiology, urinary, small organs, joint, muscle, etc.
- Display mode; B, 2B, 4B, B/M, M
- Imaging mode: 2D, free-hand 3D
- Scanning depth: 250mm and depth could be increased, depend on the probes
- Image/video format: AVI, JPG, BMP, PNG, TIF, DICOM

Technical Parameter:

- **Display:** Fully Digital 15-inch LED Display, 3D Ultrasound
- **Platform:** PC-Based
- **Beam Forming**: DBF, RDA, DRA, DRF
- **DFS**: Dynamic frequency scanning from 2.0 to 12.0MHz, 4 multi-frequency scanning
- **THI:** Yes

- **Display mode**: B, 2B, 4B, B/M, M
- **Resolution**: 600 * 800
- **Dynamic range**: ≥100dB, 4 steps of switching functions

Image process technologies:
- Controllable frame correlation, Gamma correction, edge enhancement, image smoothing, image denoising, automatic gain adjustment, up/down, left/right and black/white conversation

Image magnification
- Step-less magnification, dynamic real-time PIP local zoom functions

Cine loop
- 512 frame auto/manual cine loop; multi screens cine loop (4B, 9B); auto/manual cine loop under B/M and M mode

Image management system
- The functions of pigeonholing, browsing, comparing, saving, printing and transferring images; as many as hundreds of thousands of images and thousands of cine loop could be saved; saved images could be operated by full-screen browse under slide mode.

Measurement and calculation
- Measure perimeter and area by distance or ellipse method; measure perimeter and area by track method; measure body surface area and volume by ellipse method. 4 measure sticks; rate measure; linear stenosis ratio, area stenosis ratio, angle measure. All calculations are automatic.

Assist tools
- Puncture guide, histogram, sectional drawing.

Menu manage interface
- Real time online support and navigation clew system, image fore-set and one-key optimization functions.

Body marks: Multi-tens

Patient cases database system
- All the data could be saved, searched and managed. Multiple kinds of OB. measurement reports, fetus physiological grades and reports and fetus growth curve.

Presetting Formulas
- Presetting system for diagnosis and measurement formulas. Different formulas could be set according to different races.

Auto-measure software of OB., Gyn., small organs, cardiac, urology and others:
- **OB**.: BPD, CRL, GS, HA, AC, HC, FL, APAD, TAD, FTA, HUMERUS, OFD, THD, TIBIA, ULNA, AFI, LIMP, BBT, FBP
- **Gyn**.: uterus diameter, intima thickness, ovary column, regnant ovarian follicle, length of cervix long-diameter, uterine.
- **Small organs**: thyroid gland, hip joint.
- **Cardiac**: AOD, LAD, IVSTd, LVIDd, AA, LAD/AOD, LVPWd, LVIDs, EF, EF SLP, CA/CE, MVCF, CO, CI, LVMWI, AVSV, FS, ACV, ET, SV, SI, LVMW, QMV.
- **Urology**: remained urine sample, prostate, PSAD.
- **Patient cases database systems**. All the data could be saved, searched and managed.
- **Multiple kinds of OB**. measurement reports, fetus physiological grades and reports and fetus growth curve.
- **3D Software**: YES

Relative Extended ports:

- VGA, S-Video, TV video port
- USB2.0 port, 2G saving card
- RJ-45 network port extended ports
- Multiple kinds of saving modes are all supported, containing soft disk, hard disk, flash disk, CF card, SD card and others.
- Compatible of jet printer, laser printer, video printer and video recorder

Probes:

- 3.5MHz R60/R50 convex probe; multi-frequency from 2.0MHz to 5.0MHz
- 7.5MHz L40 linear probe; multi-frequency from 5.0MHz to 10.0MHz
- 6.5MHz R10/R13 transvaginal probe; multi-frequency from 5.0MHz to 8.0MHz
- 3.5MHz R20 cardiac probe; multi-frequency from 2.0MHz to 5.0MHz

Accessories:

- Mobile Trolley
  - Desktop: aviation aluminum, surface anode; With handle; Size 420 * 400mm; 830mm above the ground; Bearing capacity: atleast 100kg; ± 1% tolerance
  - Column: aviation aluminum, surface anode; 700mm high, 50mm diameter:
  - Basket: iron wire impregnated with plastic, position adjustable: size: 320 * 200*120mm
  - Base: steel structure with plastic exterior decoration, with a diameter of 550mm; 5* 3 "silent wheel (two with brake)
  - Packaging: modular packaging; Net weight: 7.68kg; Gross weight: 9.5kg; Size:600*590*270mm;
  - Optional accessories: printer board, probe cup, cable hanger, caster can be replaced with 4-inch caster. The basket can be replaced with plastic basket;
  - Scope of application: portable color Doppler ultrasound, ECG, high frequency scalpel, small monitoring equipment, testing instruments and emergency tools

C. (83 units) OPHTHALMOSCOPE

- Rechargeable
- Illumination: Direct Illumination
- Luminance: 14 Lumen
- Power Handle: The clip type handle
- Color Temp: 3000k or 4000K ± 5%
- Color Rendering Index (CRI): LED bulb 90%
- Ear Tip Sizes: Dioptric Lenses and Apertures Type
- Weight: 129g ± 1%
- Battery: &116 Ni_Mh 2.4V 16000MA
- Bulb Electrical Parameter:
  LED: Model &206c, 3.0Vdc, 80mA
  XHL: Model &106F, 3.6Vdc, 350mA

Accessories:

- 19 kinds of dioptric lenses
- Fixation star
- Small circle
- Large circle spot
- Semi-circle spot
- Red-free filter

D. (83 units) HEMATOLOGY ANALYZER

General Features:

- 3-part differentiation of WBC, 24 parameters, up to 60 samples test per hour
- Electrical resistance for counting and SFT method of Hemoglobin
- Low sample consumption: venous 9.8ul, prediluted 20ul for twice testing one time
- 8.4" inches color touch screen (windows interface all testing parameter displayed simultaneously)
- Windows operation system graphical buttons mouse and keyboard operation

- Automatic diluting, mixing, rinsing and clog clearing
- Automatically sample probe cleaning (inside and outside)
- Large storage capacity: up to 10,000 samples +3 histograms Internal thermal-sensitive printer or external printer.
- RS232 interface, PC connecting

Main Technical Specifications:

- Methodology: Electrical resistance for counting, hemoglobin cyanide method and SFT method for hemoglobin
- Parameter: 3-part differentiation of WBC; 21 parameters and 3 color histograms (WBC, RBC, PLT)
- Work mode: double Channel + unique Hemoglobin test system
- Sample volume: 9.8μL for Venous and capillary mode, 20μL for prediluted mode
- Throughput: More than 60 samples per hour, operable 24 hours a day, auto sleeping and waking-up functions
- Storage: up to 100,000 sample results including histograms can be stored, convenient for inquiry and management of history data
- Operation langue: English
- QC control: X-B, L-J, X, SD, CV%
- Reference Value Setting: Male, Female, Children, Neonate
- Input/output: RS232, parallel printer and keyboard
- Print: Graphic thermal printer with various printing format, optional external printer
- Temperature: 18°C -30°C, wet ≤ 10-90%
- Power supply: 220 V ±22 VAC, 50/60Hz
- Dimension: 33 CM (L)* 38 CM (W)* 43 CM (H) ± 1% tolerance
- Weight: 20 KG ± 1% tolerance
- Turnaround time: more or less 1 min

Precision:

Parameters	Linear Range	CV%
WBC (10 9/L)	0.0 - 99.9	≤ 2%
RBC (10 12/L)	0.0 - 99.9	≤ 1.5%
MCV (fL)	4 - 150	≤ 0.5%
PLT (10 9/L)	0 - 999	≤ 4.0%
HGB (g/L)	0.0 – 300.0	≤ 1.5%

Parameters:

- WBC, Lymph#, Mid#, Gran#, Lymph%, Mid%, Gran%, RBC, HGB, HCT, MCV, MCH, MCHC, RDW-CV, RDW-SD, PLT, MPV, PDW, PCT, P-LCR P-LCC
- 3-histograms: WBC, RBC and PLT

E. (83 units) CHEMISTRY ANALYZER, FULL-AUTO

Features:

- Two test mode: Automatic washing and Disposable cuvette
- Open system, real time curve showing
- LED lamp, ≥10000 hour for long life
- 7-inch Color LCD, touch screen
- Memory for 10,000 sample results
- RS232 interface, PC connecting
- Probe with anti-collision function, liquid level detection
- High pressure water flush interior the probe

Specifications:

- Test Mode: Kinetic, End-point, Fixed-time, Turbidimetry, Absorbance
- Sample positions: 24 +5 (Using original tube)
- Calibration position: 1
- QC position: 1

- ST position: 1
- Reagent positions: 54 (27 for 6mL; 27 for 24mL)
- Cuvettes position: 81 can be reusable
- Sample volume: 2~30 uL, 0.1ul increasing
- Reagent volume: 20~350 uL, 0.1ul increasing
- Test speed: 120 tests/hour
- Wavelength: 8 Wavelength, 340, 405,450, 510, 546, 578, 630,700 nm 0-4.000 Abs
- Absorbance precision: inside 0.00001 Abs
- Repeatability CV: < 1%
- Carry-over: < 1.1%
- Water consumption: 5L/H Automatic washing mode; 2.5L/H for disposable cuvette mode
- Quality control curve: X, SD, CV%, L-J quality control curve for every test item
- Printer: Internal thermal sensitive printer
- Interface: RS-232
- Work Environment: Temperature 10°C ~ 30°C, Humidity: ≤ 85%
- Power supply: 100~240VAC, 50/60Hz, 100VA
- Storage: at least 8gb
- Turnaround time: 20 seconds or less

Usual test list

- Liver function: ALT AST ALP T-BIL D-BIL TP ALB CHE Nh3
- Renal function: BUN CRE UA URE y-GT
- Lipids: T-CHO TG HDL-C LDL-C
- Cardiac function: CK CK-MB LDH
- Others: GLU AMS Anti-CCP ASO CRP D-Dimer HbA1c RF SAA
- B2M Cys-C LP(a) mAlb MB NGAL RBP

F. (83 units) CLINICAL CENTRIFUGE, 12 PLACER

Technical Parameter:

- Capacity: 12-placer
- Power Supply Input: ACC 220V, 50/60Hz
- Max Speed: 4000r/min
- Max RCF: 1880xg
- Max Capacity: 120ml
- Speed Accuracy: ±20r/min
- Time Range0: 99min
- Noise: ≤55dB
- Dimension: 283×220×265mm, ± 1% tolerance
- Weight: 6kg ± 1% tolerance
- Turnaround time: 1 min or less

Standard Features:

- Brushless motor
- 4,000 RPM
- Angle motor
- Microprocessor control system
- Digital display of speed
- RCF and time
- Overspeed protection
- Can set speed
- RCF start
- Can change the parameters during centrifuge running to achieve the best centrifugation effect
- Self-balance

G. (83 units) HEMATOCRIT CENTRIFUGE

Technical Parameter:

- Capacity: 24 placer
- Power Supply Input: 220 - 240 VAC, 60 Hz
- Speed Range 500 to 12,000 rpm
- Increment: 100rpm
- Max RCF: 13,680 x g
- Speed Accuracy: +100
- Run Time: 30sec-99min/Continuous
- Motor: Brushless DC motor
- Display: LCD
- Safety Devices: Door interlock, Overspeed detector; Automatic internal diagnosis, Automatic rotor identification
- Acceleration/Braking time: 40s↑ 40s↓
- Power Requirements: Single-phase, 200V-240V,50Hz/60Hz, 5A; 100V-120V, 50Hz/60Hz, 5A 160W
- Dimension (W x D x H): 280 × 364 x 213mm, ± 1% tolerance
- Weight: 8.5kg
- Certification: CE cTÜVus FCC MCA

Standard Features:

- Motor Type: Brushless
- Speed range of 500-12000 rpm
- Precise and independent control of speed and time
- Easy operation with intuitive menu and LCD display
- Pulse operation for fast and convenient quick spins
- Advance features include speed/RCF switch; short-time run function; audible alert function
- Safety features include door interlock, overspeed detector; over-temperature detector; automatic internal diagnosis and automatic rotor identification
- Door interlock
- Advanced features: Speed/RCF switch; Short-time run function; sound-alert function

H. (83 units) BINOCULAR MICROSCOPE

Standard Features:

- **Viewing Head:** Sliding Binocular Head, Inclined at 45º
- **Eyepiece:** Wide Field Eyepiece WF10X WF16
- **Objective:** Achromatic Objectives 4X 10X 40Xs 100Xs (oil)
- **Condenser**: Abbe Condenser NA1.25 with Diaphragm, Filter
- **Nosepiece:** Quadruple Nosepiece
- **Focusing System:** Coaxial Coarse and Fine Adjustment, Moving Range 30mm
- **Stage:** Double Layer Mechanical Stage 140x140mm, Moving Range75mmx45mm
- **Illumination**: 6V/20W Halogen Lamp, Brightness Adjustment
- **Product single size**: 32×27x43cm, ± 1% tolerance

I. (83 units) REAGENT REFRIGERATOR

Technical Specifications:

- Volume: 90L
- Inner Temperature: 2~8 °C
- Voltage: 220V/50Hz
- Power Consumption: 2.8kW/h24h
- Input Power: 100W
- Electric Shock: I/B
- Climate Type: N
- Alarms Type: Sound/Light
- Optional Functions: Recorder/Printer/SMS
- Refrigerant: R600a
- Net Weight: 40kg
- Chamber: 3
- Product Dimension: 490 x 490 x 1240 mm (D x W x H), ± 1% tolerance
- Package Dimension: 580 X 580 X 1350mm

Humanized Design:

- High quality steel wire dip adjustable shelf
- Outdoor anti-condensation technology
- Large screen digital display
- Safety door lock design
- Suitable for wide voltage band of 187-242V
- Transparent vacuum tempered glass door
- Energy saving lighting in the cabinet

Safe Control System:

- Keyboard lock and password protection
- System failure alarm sound and point code display (high temperature/low temperature/sensor failure)
- Delayed start self-check at start up and shutdown interval protection
- Sensor failure, digital disorder, safe and automatic running program
- Power-off memory function

Accurate Temperature Control System:

- High resolution temperature calibration function, proofreading in 0.1°C increments
- Intelligent control of fan strong refrigeration gas circulation.
- Display accuracy of 0.1 °C, precise box temperature of 2~8°C.

J. (83 units) HANDHELD ELECTROLYTE ANALYZER

Electrolyte Analyzer

- Maintenance-free: No fluid pipe inside the device, no reagent pack required
- Easy to use: Convenient bedside testing with whole blood
- Fast Lab-quality results: Provides accurate results in approximately 5 minutes, auto-calibration before each test
- Portable: Size: 240 × 120 × 110 mm 1% tolerance
- Weight: 1.5 ± 0.2 kg (including battery)
- Including ionized magnesium (iMg2+): Used for hypomagnesemia and hypermagnesemia monitoring

Electrolyte Cartridge

- 5 in 1 cartridge: Concurrently tests 5 parameters: K+, Na+, Cl-, iCa2+ and iMg2+, addressing more comprehensive clinical needs
- No risk of sample contamination: Dry chemistry method, single-use cartridge eliminates the risk of contamination

Performance

- **Potassium (K+):** Even small changes in extracellular K+ concentration will have significant effects on the transmembrane potential gradient, and thereby the function of neuromuscular and cardiac tissues.
- **Sodium (Na+):** As the most abundant extracellular fluid solute, Na+ is the major determinant of its osmolality and thereby the principal determinant of water distribution between the intracellular and extracellular compartments. This highlights the role of Na+ in the maintenance of blood volume and thereby blood pressure.
- **Chloride (CI-):** As the second most abundant extracellular fluid ion after Na*, and the most abundant extracellular fluid anion, Cl- is essential for the maintenance of normal plasma osmolarity
- **lonized Calcium (iCa2+):** The maintenance of iCa2+ within normal limits is not only important for the structural integrity of bones but for a range of physiological functions, including: hemostasis, cardiac and skeletal muscle cell contraction, neuromuscular transmission and action of many hormones (calcium-signaling).
- **lonized magnesium (iMg2+):** iMg2+ relates to the stabilization of intracellular potassium, which ensures the normal functionality of myocardium, nerve and muscle.

Application

- **Emergency Department:** Monitoring of electrolytes in critically ill patients with poisoning, coma and convulsions

- **Anesthesiology Department**: Monitoring of electrolytes during surgical anesthesia (preoperative, intraoperative and postoperative)
- **Nephrology Department:** Monitoring of electrolytes for patients in dialysis ward
- **ICU**: Monitoring of electrolytes in critically ill patients
- **Dermatology Department:** Monitoring of electrolytes in patients with severe trauma, burn and scald
- **Primary Medical Institution:** Electrolytes test
- **Surgery:** Monitoring of electrolytes during operation
- **Gastroenterology Department:** Monitoring of electrolytes in patients with diarrhea and vomiting accompanied by coma

K. (83 units) EXAMINATION LIGHT

Product Description

- A light used during examinations or treatment of the patient. It is usually used during examination or treatment during minor events Designed to be easily moved from one location to another. Arm: 105 +/- cm articulated, spring loaded arm, arm with on/off switch and incorporated electronically transformer.
- Medical Light to be proposed as basic equipment in health structures, it can be used for medical and gynecological examination and minor operation. One of the advantages of a LED examination lamp is its compactness. It can be placed in front of the operator without obstructing sight.

Main Technical Data

- Illuminance: 30,000Lux 0.5m/5,000Lux 1m
- Color temperature: 4800±200K
- Adjust: Adjust light
- Total irradiance: 380W/
- Size of light field: 100mm ± 1% tolerance
- Rated power of bulb: 3.3/3W
- Power supply voltage: 220V/50Hz
- Bulb: LED bulb

L. (83 pieces) STETHOSCOPE, ADULT

Standard Features:

Applications: Physical assessment and diagnosis
Chest piece material: Stainless steel
Chest piece type: Double sided
Chest piece weight: 97g
Diaphragm diameter: 4.55cm
Chest piece (small side) Diameter: 3.5cm
Diaphragm material: Epoxy / Fiberglass
Diaphragm type: Tunable diaphragm
Y-tube material: PVC
Y-tube length: 60 cm
Whole length: 77 cm
Binaural material: Stainless steel
Binaural weight: 33g
Ear tip type: Soft / Hard sealing

M. (83 sets) TELEMEDICINE WITH BAG

Excellence Performance

- Outstanding performance, easy to use.
- Provide accurate and stable basic parameters and measurement of test.

Super Storage

- Fully support patient's health.
- Management terminal mass storage

Long Standby

- Long battery for 8 hours working

Easy to Use
- A good helper for medical staff.
- Novice medical staff can also quickly master the using of method.

Reliable and durable
- Adapt to changeable application environment.
- The product is sturdy and durable.

Data's Transmission
- Multiple data's handling method.
- Remote wireless transmission methods.

Telemedicine Monitor:
- 10.1-inch touch screen
- New design and stable for placing
- New software and more functions
- Fast Test and Easy to Use
- Real Time data exchange
- Superior accurate test result
- Rechargeable lithium battery backup for 5 hours

Standard Configuration:
- 12 lead ECG
- NIBP
- Infrared forehead TEMP
- SPO2
- HR/PR
- Backpack

Specifications:
- Electric shock protection: Class II, Internal powered equipment
- EMC: Group 1, Class A
- Degree of protection against electrical shock: ECG, SpO2, NIBP: Defibrillation-proof Type CF applied part. TEMP: Type BF applied part
- Degree of protection against liquid: IPX1 (Protected against vertically falling water drops. Vertically falling drops shall have no harmful effects.)
- Operation mode: Continuous
- Product life: 5 years
- Main unit dimension: 263 mm (L) ×230 mm (W) ×410 mm (H)
- Display screen: 10.1-inch color TFT display, Touch-screen, Resolution: 1280×800
- Main unit net weight: ≤2kg

ECG parameter
- Lead type: IEC 12-lead
- Waveform 12-channel waveforms
- Display sensitivity 2.5mm/mV(×0.25), 5mm/mV(×0.5), 10mm/mV(×1), 20mm/mV(×2), Auto
- Waveform sweep speed: 5mm/s, 6.25mm/s, 10 mm/s, 12.5 mm/s, 25mm/s, 50mm/s
- Common mode rejection ratio: >100dB
- Input signal range: ±5mV (peak-to-peak value)
- Electrode offset potential tolerance: ±500mV
- Time constant: ≥3.2seconds
- Calibration signal: 1mV (peak-to-peak value), accuracy ±5%
- System noise: <30uV (peak-to-peak value)

HR

- Measuring range: Adult: 15bpm to 300bpm Pediatric: 15bpm to 350bpm
- Measuring accuracy: ±1% or ±1bpm (whichever is greater)
- Resolution: 1bpm

SpO2 Sensor

- Range: 0% to 100%
- Resolution: 1%
- Accuracy: Adult, Pediatric; 70% to 100%: ±2%; 0% to 69%: Undefined
- Wavelength range: 660±3nm to 905±5nm
- Emitted light energy: <15mW
- Type: Finger clip

NIBP

- Measurement methods: Oscillometric method
- Measurement parameters: systolic, diastolic, mean and PR
- Cuff pressure measuring range: 0 to 297mmHg
- Pressure accuracy: 1mmHg
- Max. mean error: ±5mmHg
- Max. standard deviation: 8mmHg
- Maximum cuff pressure: 300mmHg TEMP
- Measurement method: Thermal resistance
- Mode of operation: Direct mode
- Measuring range: 35°C to 45°C
- Resolution: 0.1°C
- Accuracy (with sensor): ±0.2°C
- Refresh time: 1 to 2 sec
- Adult: Systolic pressure: 40 to 255mmHg
  Diastolic pressure: 10 to 195mmHg
  Mean pressure: 20 to 215mmHg
  Pediatric Systolic pressure: 40 to 200mmHg
  Diastolic pressure: 10 to 150mmHg
  Mean pressure: 20 to 165mmHg

Power Supply

- Internal power: Rechargeable lithium-ion battery, 3.8VDC.
- Capacity: 3.8V, 12000mAh
- Working time: More than 5 hours (when powered by a new fully-charged battery in environment temperature 25°C).
- Charge time: Less than 4 hours to 90%. Less than 4.5 hours to 100%.
- Shutdown delay: at least 5 min (after a low battery alarm first occurs).

- Outside power supply: the device could be powered by adapter which meets safety requirements of IEC 60601-1 standard.
- Specification: input: 100V-240V, a.c., 50Hz/60Hz; output: d.c., 5.0V/0-4A

Storage and Transportation conditions

	Storage and Transportation condition	**Operational condition**
Temperature	-20℃~+55℃	0℃~+40℃
Relative Humidity	15%-95% (non-condensing)	15%-85% (non-condensing)
Atmospheric temperature	700 to 1060hpa	860 to 1060hpa

Working Rationale

1. **ECG monitoring**
   The bioelectrical changes of the heart itself are reflected on the surface of the body through the conductive tissues and body fluids around the heart, so that regular electrical changes occur in all parts of the body in each

cardiac cycle. The electrocardiogram is a technique that records the changes of electrocardiogram from the body surface in each cardiac cycle. The electrodes are placed on a certain part of the human body surface. By detecting the changes of the electrocardiogram potential at this point, the electrocardiogram curves of the changes of the cardiac potential can be transformed into the electrocardiogram curves, as well as heart beat rate.

2. **SPO2 monitoring**
   Bill-Lambert's Law is the mainstream technology of non-invasive oxygen measurement. Pulse oximeters calculate the Optical Modulation Ratio ('R') as (AD/DC)600/(AC/DC)880.905.940, where '660'; '880';'905' and '940' subscripts represent the optical LED Peak wavelengths in nanometers. An empirically determined calibration curve allows the oximeter to derive the displayed SpO2 from the observed R curve values, as well as pulse rate.

3. **Blood Pressure monitoring**
   Oscillometric methods, it can automatically complete the inflation, deflation and measurement, which can measure systolic and diastolic blood pressure as well as the pulse rate of patient.

4. **Temperature monitoring**
   The resistance value of thermistor varies with temperature, and shows obvious regularity. When the resistance value of thermistor varies, the voltage of the measuring circuit also varies. After the change is converted into digital signal by AD, the temperature of the target.

Intended Use

- The product is suitable for measuring and recording the physiological parameters such as electrocardiogram (ECG), heart rate (HR), pulse oximetry (SpO2), pulse rate (PR) of adults, and body temperature (TEMP), non-invasive blood pressure (NIBP) of adults and pediatrics. The optional external equipment such as infrared thermometer, semi-automatic urine analyzer, blood glucose/uric acid analyzer, white blood cell analyzer, hemoglobin analyzer, blood lipid analyzer, specific protein analyzer can be integrated into HES, and in addition, the measurements can be displayed, reviewed, stored, transmitted, and printed.
- The device is intended to be used in institutions or healthcare facilities with health care capabilities, such as outpatient clinics, emergency rooms, medical wards, clinics, care facilities, and other general departments. The device is not intended for intensive care, transfer, and home use, it cannot be used in OR and ICU. The device is intended to be used by physicians and trained healthcare professionals.

Intended Population

- Adult and child

Environment

- Hospital or healthcare environment

Prescription

- Prescribed device

Contraindication

- None

Compositions

- The multi-parameters examination monitor consists of main unit and accessories which contains ECG lead wires, ECG electrodes, SpO2 sensor, NIBP cuff and extend tube, temperature probe, and adapter.

With Attachable Functions

- The Telemedicine have the function as the displaying media for other medical devices such as:
  1. Infrared thermometer
  2. Semi-automatic urine analyzer
  3. Blood glucose/uric acid analyzer
  4. White blood cell analyzer
  5. Hemoglobin analysis Instrument
  6. Specific protein analyzer
  7. Blood Lipids analyzer

Telemedicine Peripherals

1. 12 lead ECG
2. NIBP Cuff
3. Fingertip SPO2
4. Infrared forehead TEMP
    - Beep alarm
    - LCD backlight
    - Unit switchable
    - 20 Memories
    - 1s fast reading
    - Non-contact infrared
5. Thermal Printer

    Specification:
    - Outline dimension (80 x 46 x 123mm) ± 1% tolerance
    - Very silent printing thru direct thermal printing method
    - High speed (60mm/sec, MAX)
    - High resolution(203dpi : 8dots/mm)
    - USB / Blue-tooth /Serial RS-232C
    - Paper width (58mm)
    - Support text and graphic printing
    - Easy paper loading
    - Life of printing head (50km)
    - Charger (Input AC 100~240V, 1.0A; Output DC8.4V,1.2A
    - Li-ion Battery (DC7.4, 1200mAh)
6. Spirometer

    Specifications:
    - Battery: 3.7V-300mAh Rechargeable Li-Po
    - Operational Current: 100mA
    - Charging Method: USB Charging
    - Battery life with 1 full charge: 6 days (3 uses per day)
    - Battery life when IDLE: 30 days
    - Display: 1.44" TFT LCD display
    - Spirometer Measurements 3.7V
        1. PEF(Peak Expiratory Flow)
           Range 66-999 L/min, with 1 L/min interval;
        2. FEV1(Forced Expiratory Volume in first second)
           Range 0.01-9.99 L, with 0.01 L interval;
        3. FVC (ForcedVital Capacity)
        4. Range 0.01-9.99 L, with 0.01 L interval

7. Stethoscope, Adult or child

8. Digital Weighing Scale

    Specification:
    - Size: 280*280*24mm ± 1% tolerance
    - Capacity:11-396lb/5-180kg ± 1% tolerance
    - Batteries: 3*1.5 VAAA
    - Division:0.2lb/0.1kg
    - Unit: lb/kg (Switch the unit by Setting>My information>Unit)
9. Laser Printer

    Features
    - Wifi one step installation and direct printing
    - Compact and sleek design
    - Office document direct print form mobile devices
    - Fast print speed
    - Wi-fi connectivity and mobile printing
    - Convenient one step installation

Specifications
Printing:

- **Printing technology**: Electrophotographic monochrome laser
- **Print speed:** 22 ppm (A4)/23 ppm (Letter)
- **First print out time**: Less than 7.8s
- **Maximum monthly volume:** 15,000 pages
- **Recommended monthly volume:** 700 pages
- **Resolution(dpi):** Max. 1,200×1,200
- **Printer language:** Gdi
- **Duplex mode:** Manual

Paper handling:

- **Paper input:** 150 pages
- **Paper output:** 100 pages
- **Media weight:** 60~163g/m2
- **Paper output:** Plain, Thick, Transparency, Cardstock, Label, Envelope, Thin
- **Media size:**
  A4, A5, A6, JIS B5, ISO B5, B6, Letter, Legal, Executive, Statement, Monarch envelope, DL envelope, C5 envelope, C6 envelope, NO.10 envelope, Japanese postcard, Folio, Officio, Big 16k, 32k, 16k, Big 32k, ZL, Yougata4, Postcard, Younaga3, Nagagata3, Yougata2

General:

- **General dimensions:** (W x D x H): 337 x 220 x 178 mm (13.27" x 8.66" x 7.01")
- **Weight (with cartridge)**: 4.75kg (10.47lbs)
- **Recommended environment:**
  Temperature range: 10-32°C (50°F-90°F)
  Humidity range: 20%-80%
- **Power:**
  110V Model: AC100~127V (±10%); 50Hz/60Hz; 6A
  220V Model: AC220~240V (-15%,+10%), 50Hz/60Hz; 3A
- **Noise:**
  Printing: 52 dB
  Standby: 30 dB
- **Power consumption:**
  Printing: Average 370W
  Ready: 38W
  Sleep Mode: Less than 2W
- **Operating system compatibility**
  Windows Server2003/2008/2012/XP/ Vista/Win 7/Win 8/Win8.1 / Win10 (32/64 Bit);
  Mac OS 10.7~10.13;
  Linux: Ubuntu 12.04/14.04 (32/64 Bit)
- **Mobile operating system compatibility**
  iOS 7.0 and above;
  Android 4.4 and above
- **Connectivity**
  Hi-Speed USB 2.0; WiFi: IEEE 802.11b/g/n
  Hi-Speed USB 2.0
- **Processor speed**
  600MHz
- **Memory**
  128MB
- **Energy efficiency**
  ENERGY STAR® certified

10. Urine Analyzer

- Back light display
- One-button operation
- Bluetooth

- 8 hrs standby
- External Printer
- Big storage 1000 group test data

11. White Blood Cell Analyzer

Features:

- Easy operation
- Microfluid chip zero pollution
- Lab quality accuracy
- Convenient portability
- Rapid test
- Precise identification
- Ultra-portable

Specifications:

- Sample dosage: 10ul
- Inspection time: ≤3min
- Comparability of device: deviation WBC≤±5%
- Repeatability: precision ≤6.0%
- Gross Weight/N.W.: 3.2kg/2.7kg
- Disposable Consumable: Means no washing/ recycling to avoid contamination and sampling accuracy issues
- Work environment temperature: 0°~ 40°C
- Dimension: 321 x 300 x 230 mm ± 1% tolerance

12. Hemoglobin Analyzer

- 7ul blood
- Microfluid chip
- 3 seconds
- CV 1.5%
- 2000 test results
- Built-in-battery

13. Dry Biochemical Analyzer

Specification:

- Detection time: ≤3mins
- Turnaround time: more or less 3 mins
- CV: ≤10%
- Sample type: Serum, whole blood, plasma
- Sample volume: 45μL
- Power supply Adapter input: AC100~240V,50/60Hz,30VA; output 5V,2A
- Built-in Lithium battery: DC3.7±0.3V
- Measurement: 157.5*145.7*64.6mm
- Weight: 622g
- Data storage: 3000 results
- Display: 4.3’ touch screen
- Storage environment Temp:-20 °C~60 °C;Rh:10% ~ 90%
- Operation environment Temp:15°C ~35°C;Rh:≤85%

Features:

- High precision
- Disposable consumable
- 3min
- Constant temperature and humidity
- Optional printer

Test Items:

- Lipids + Glucose: TC, TG, HDL-C, LDL-C, Glu
- Kidney Function: UREA, CRE, UA
- Liver Function: ALB, ALT, AST
- Screening for Metabolic Diseases: TC, UA, GLU
- Screening of Blood Donors: Hb, ALT Sample dosage: less than 60μl Repeatability: CV less than 2%
- Accuracy or comparability less than less than ±3%
- Power: 5V/3A power adapter, built-in lithium battery

Optional configuration as below:

Lipids + Glucose			
Measurement	TC	2.59~12.93 mmol/L	Sample: Serum, whole blood, plasma
	TG	0.51~7.34 mmol/L	Sample Volume: 45μL
	HDL-C	0.39~2.59 mmol/L	Testing time: 3 mins
	GLU	2.0~18.0 mmol/L	
Screening of blood donors			
Measurement	Hb	45~256g/L	Sample: Serum, whole blood, plasma
	ALT	100~800 U/L	Sample Volume: 45μL Testing time: 2 mins
Screening for Metabolic diseases			
Measurement	TC	2.59~12.93 mmol/L	Sample: Serum, whole blood, plasma
	UA	120~1200 mmol/L	Sample Volume: 45μL
	GLU	2~18 mmol/L	Testing time: 3 mins
Liver Function			
Measurement	ALB	10~60 g/L	Sample: Serum, whole blood, plasma
	ALT	10~800 U/L	Sample Volume: 45μL
	AST	10~800 U/L	Testing time: 3 mins
	AST/ALT		

Kidney Function			
Measurement	Urea	2.5~40 mmol/L	Sample: Serum, whole blood, plasma
	Cre	30~1000 μmol/L	Sample: Serum, whole blood, plasma
	UA	120~1200 μmol/L	Testing time: 3 mins
	Urea/Cre		

14. Immunofluorescence Analyzer

Features:

- High precision
- Disposable consumable
- 3min
- Ultra-portable
- Optional printer

Test parameters:

- COVID-19 Neutralizing Antibody CRP+SAA
- CRP(full range); PCT
- NT-proBNP
- HbA1c; Ferritin; D-Dimer; 25-OH-VD

- Instrument automatically self-calibration when power-on
- Bluetooth transmission is supported
- Rechargeable polymer lithium battery
- Support external thermal printer(printer is not included).

Specification:

- Weight: G.W. 0.8KG N.W.0.75KG
- Dimension: 95.6mm*96mm*183.5mm ± 1% tolerance
- Built-in Lithium battery: DC3.7 ± 0.3V
- Display: 4.3’ touch screen
- Data storage: 2000 results
- Work (Operation) environment Temp: 15°C~35°C; Rh: ≤85%
- Turn-around time (Detection time): ≤15min

Power Supply Unit:
Power supply Adapter input: AC100~240V, 50/60Hz, 30VA; output5V, 2A

Inflammation	
CRP	Measurement: 0.5~150 mg/L
	Sample: Serum, whole blood, plasma
	Sample Volume: 10μL
	Reaction time: 3 mins
CRP/SAA	Measurement: CRP 5~150 mg/L SAA 5-150 mg/L
	Sample: Serum, whole blood, plasma
	Sample Volume: 10μL
	Reaction time: 5 mins
PCT	Measurement: 0.1~50 ng/mL
	Sample: Serum, plasma, whole blood
	Sample Volume: 100μL(Serum, plasma), 150μL(whole blood)
	Reaction time: 15 mins

Cardiac Markers	
NT-proBNP	Measurement: 30-30000 pg/mL.
	Sample: Serum, plasma, whole blood
	Sample Volume: 100μL(Serum, plasma), 150μL(whole blood)
	Reaction time: 10 mins
D-Dimer	Measurement: 0.1~10 mg/L
	Sample: Serum, plasma, whole blood
	Sample Volume: 100μL(Serum, plasma), 150μL(whole blood)
	Reaction time: 10 mins
Diabetes Mellitus	
HbA1c	Measurement: 4-14%
	Sample: whole blood
	Sample Volume: 10μL
	Reaction time: 10 mins
COVID-19	
COVID-19 Neutralizing Antibody	Measurement: 5-1500 IU/mL
	Sample: Serum, plasma, whole blood
	Sample Volume: 20μL
	Reaction time: 15 mins
Others	
25-OH-VD	Measurement: 5~120 ng/L
	Sample: Serum, plasma, whole blood
	Sample Volume: 20μL
	Reaction time: 15 mins
Ferritin	Measurement: 6~100 ng/L
	Sample: Serum, whole blood, plasma
	Sample Volume: 20μL
	Reaction time: 10 mins

IX. Other requirements to be submitted during the bid opening

1. Mobile Primary Care Facility (PCF) proposed floor layout with dimensions.
2. Mobile Primary Care Facility (PCF) layout showing the placing of the equipment, air conditioning units, benches, clean water tank, waste water tank, transfer switch, and generator set.
3. Product brochure(s) or technical data sheet(s) in Hard and Soft copies showing the technical specifications of the following in English language:
    a. Mini Bus
    b. Digital X-Ray Machine
    c. Ultrasound Machine
    d. Hematology Analyzer
    e. Chemistry Analyzer
    f. Binocular Microscope
    g. Clinical Centrifuge
    h. Hematocrit Centrifuge
    i. Reagent Refrigerator
    j. Handheld Electrolyte Analyzer
    k. Ophthalmoscope
    l. Examination Light
    m. Stethoscope
    n. Telemedicine
        - 12 Lead ECG
        - NIBP Cuff
        - Fingertip SPO2
        - Infrared forehead TEMP
        - Thermal Printer
        - Spirometer
        - Stethoscope
        - Digital Weighing Scale
        - Laser Printer
        - Urine Analyzer
        - White Blood Cell Analyzer
        - Hemoglobin Analyzer
        - Dry Biochemical Analyzer
        - Immunofluorescence Analyzer
    o. Air-conditioning units
    p. Generator Set
    q. Manual transfer switch
4. Valid and current Certificate of Compliance with ISO 13485: Quality Management System Requirements for regulatory purposes in the name of the following equipment. The Certificate must be issued by an independent Certifying Body/Agency:
    a. Digital X-Ray Machine
    b. Ultrasound Machine
    c. Hematology Analyzer
    d. Chemistry Analyzer
    e. Binocular Microscope
    f. Clinical Centrifuge
    g. Hematocrit Centrifuge
    h. Reagent Refrigerator
    i. Handheld Electrolyte Analyzer
    j. Ophthalmoscope
    k. Examination Light
    l. Stethoscope
    m. Telemedicine
5. Valid Certificate of Distributorship (as first Tier Distributor) issued by the Manufacturer/s of the x-ray machine, ultrasound machine, hematology analyzer, chemistry analyzer, and telemedicine authorizing the bidder to sell/distribute the offered equipment.
6. In lieu of FDA, CMDR and CMDN except for Equipment under FDA Circular No. 2021-017 Subject: Reference List of Class A Medical Devices issued on August 12, 2021

a. Distributorship Agreement with foreign manufacturer or Manufacturer's Certificate that the supplier/bidder is authorized distributor in the Philippines duly authenticated by the Philippine Territorial Consulate from the country of origin; OR in Apostille and
b. Notarized Distributorship Agreement between the local Manufacturer/ Distributor Importer/ Wholesaler and the Bidder, And
c. ISO Certificate -13485 of the Manufacturer (Photocopy of Authenticated copy) or any equivalent ISO Certification

7. Bidder's valid and current License to Operate (LTO) as a medical device distributor issued by the Philippine Food and Drug Administration.
8. Notarized Certificate from the manufacturer or local dealer of the vehicle:
   a. That the manufacturer has been manufacturing diesel engines and mini buses and/or medium duty trucks for the past twenty-five (25) years.
   b. That the vehicles are brand new, unused, not discontinued models and were not subjected to any product recall.
   c. That they have at least seventy (70) authorized servicing dealer nationwide.
9. Sworn Statement using the prescribed form.

X. Warranty Certificate to be submitted during Bid Opening

1. The Bidder shall issue a Warranty Certificate from the Manufacturer/Dealer of the mini bus which shall include the following:
   a. The Mini Bus is covered with a warranty of three (3) years or 100,000 km, whichever comes first on parts and services.
   b. That the manufacturer/dealer shall either cause the repair or replacement of any item or part in the vehicle that is found to be defective in material or in workmanship under normal use. The warranty period shall commence from the date of acceptance by the end-user after testing and commissioning.
   c. Preventive maintenance schedule on the first 1,000 km and 5,000 km shall be free of labor cost in any authorized service provider of the Mini bus dealership.
   d. That they shall provide mechanics and/or technicians that can perform on-site service and maintenance, provided that the end user will shoulder the travel expenses within the warranty period.

2. Warranty Certificate for two (2) years on the Mobile Primary Care Facility (PCF) body and interior components, medical equipment, and one (1) year for air conditioning units, generator set, manual transfer switch, and other accessories. The Supplier shall either repair or replace any item or part that is found to be defective in material or in workmanship under normal use. The warranty period shall commence from the date of acceptance by the end-user after testing and commissioning. The warranty certificate shall include the following:
   a. The bidder shall conduct the necessary corrective maintenance within fifteen (15) calendar days upon notification of equipment breakdown from the end-user.
   b. The bidder shall have the primary responsibility and accountability to ensure that in case of defects, the vehicle, equipment, instruments and/or peripherals are appropriately repaired or replaced and shall be in good working condition thereafter.

XI. Requirement/s if Declared the Lowest/Single Calculated Bid

Site inspection in the bidder's facility to verify/validate the capability and capacity of the bidder to fabricate the Mobile Primary Care Facility (PCF). The inspection shall be conducted by the Technical Working Group (TWG). This requirement is not applicable if the facility is located outside the Philippines.

XII. Requirements if the Contract is awarded

1. **Prototype**: A prototype sample shall be presented by the supplier prior to the delivery of the Mobile Primary Care Facility (PCF). During the prototype inspection, selected DOH Inspection Committee members shall verify the acceptability of the Mobile Primary Care Facility (PCF) interior architectural layout and interior finishes. The inspection team shall also verify the acceptability of the craftsmanship of the plumbing, electrical, structural and mechanical works and that the materials used conform to the required specifications. The prototype must be presented within 25 calendar days upon receipt of the Notice to Proceed (NTP)."
2. **Completion Period**: The delivery, testing, and commissioning of the Mobile Primary Care Facility (PCF) shall be completed within 120 calendar days upon receipt of the NTP.

1st tranche: 20 units- 30 calendar days upon receipt of approved Notice to Proceed

2nd tranche: 21 units- 60 calendar days upon receipt of approved Notice to Proceed

3rd tranche: 21 units- 90 calendar days upon receipt of approved Notice to Proceed

4th tranche: 21 units -120 calendar days upon receipt of approved Notice to Proceed

3. **Delivery sites:** The Mobile Primary Care Facility (PCF) shall be delivered in DOH warehouse located within Metro Manila.

4. **Training:** The supplier shall provide orientation/training on the use and maintenance of the Mobile Primary Care Facility (PCF), Vehicle, air-conditioning unit, generator set and manual transfer switch, and all medical equipment to the end-users at a schedule to be agreed upon by HFEP MO, recipient sites, and supplier.

5. **Testing:** Upon delivery, each Mobile Primary Care Facility (PCF) shall undergo preliminary physical inspection by HFEP MO Inspection Team to ascertain the physical condition and acceptability of the units. All equipment, instruments, accessories and peripherals shall be functioning and shall have no physical damage.

6. **The supplier shall submit the following to the end user/recipients of the Mobile Primary Care Facility (PCF):**
   a. Operator's Manual in English language for the Mobile Primary Care Facility (PCF), vehicle, medical equipment and their accessories, air-conditioning unit, generator set, and manual transfer switch."
   b. At least three (3) years validity of vehicle LTO registration with red plate.
   c. Third Party Liability (TPL) vehicle insurance for one (1) year and comprehensive GSIS vehicle insurance for one (1) year.

7. **Payment**
   Payment shall be made per delivery of the Mobile Primary Care Facility (PCF) and acceptance by DOH-HFEP.

XIII. Similar Contract

a. Similar contract of medical vehicle within the past 5 years

XIV. Sub-contract

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

The Procuring Entity has prescribed that **subcontracting is not allowed**.

_____

Signature over Printed Name
[date of signing]
In the capacity of: [title or other appropriate designation]
Duly authorized to sign bid for and on behalf of: [Name of Company]
[Complete office address]
[Contact No.]
[Fax No.]
[Email Address]

Section VII. Technical Specifications

Technical Specifications

Item	Specification	Statement of Compliance
		[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.]

Technical Specifications

Republic of the Philippines Department of Health TECHNICAL SPECIFICATIONS			
Lot No. 1	**Supply, Delivery, Testing and Commissioning of Brand New Mobile Primary Care Facility (PCF)**	Quantity / Unit	**83 units**
Name of Manufacturer:		Country of Origin:	
Brand:			
Total ABC: **PhP830,000,000.00**			
PURCHASER'S SPECIFICATION		**STATEMENT OF COMPLIANCE**	
A. Detailed Technical Specifications I. **Mobile Primary Care Facility (PCF) Specifications** **A. Indicative Floor Layout** 1. The indicative floor layout for the Mobile Primary Care Facility (PCF) is shown in **Annex D-1**. The layout shows the different compartments, their measurements, and the positioning of some equipment. It must be clear that the shown layout is for indicative purposes only. Entrance layout is acceptable as long as the specifications indicated in the following sections of this Technical Specifications are complied. 2. The required body marking for the Mobile Primary Care Facility (PCF) is shown in **Annex D-2**.			
B. Mobile Primary Care Facility (PCF) Interior Finishes 1. Interior Walls and Ceiling: The interior walls and ceiling of the Mobile Primary Care Facility (PCF) shall be made white painted aluminum composite panels or other lightweight, and equivalent strength materials. The interior walls and ceiling must be firmly and securely fastening to the body structure of the Mini bus 2. Wall Partitions: The wall partitions shall be at least 1/4 mm thick aluminum composite or other lightweight, and equivalent strength materials with galvanized iron frame. 3. Windows: The Mobile Primary Care Facility (PCF) must be fitted with at least two windows (One for the laboratory room and one for the Ultrasound room). 4. Main Door: The main door of the Mobile			

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PURCHASER'S SPECIFICATION		**STATEMENT OF COMPLIANCE**	
Primary Care Facility (PCF) shall be a folding automatic door. The door shall be fitted with tempered glass window with door lock. 5. Floor: The floor of the Mobile Primary Care Facility (PCF) shall be finished with non-slip, wear resistant PVC vinyl material, at least 2mm thick and gray color. 6. Interior Lighting: Each room/part of the Mobile Primary Care Facility (PCF) shall be properly illuminated using Daily Light LED lamps. The LED lamps shall be flush-mounted on the ceiling of the Mobile Primary Care Facility (PCF) and the LED lamps in each room/part shall have independent switches flush-mounted on the wall adjacent to the doors. each room/part of the Mobile Primary Care Facility (PCF) shall have the following illumination level: a. X-ray room: minimum of 800 lux (minimum of 2 pieces 6 Watts LED lamps or equivalent) b. Laboratory room: minimum of 800 lux (minimum of 2 pieces 6 Watts LED lamps or equivalent) c. Ultrasound/ECG room: minimum of 800 lux (minimum of 2 pieces 6 watts LED lamps or equivalent) d. Other parts: minimum of 400 lux (minimum of 1 piece 6 Watts LED lamp or equivalent)			
C. X-ray Room Specifications 1. The room size shall be 1956mm (width) x 1800mm (length) and with diagonal length is 2.6meters with ± 5% tolerance. 2. All walls of the x-ray room shall be lined with			

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PURCHASER'S SPECIFICATION		**STATEMENT OF COMPLIANCE**	
at least 1.5 mm thick lead sheet with a density of 11.36g/cm³. The lead sheet must be glued onto and sandwiched between the room interior panels and the body structure of the Mini Bus. 3. The door of the x-ray room shall be lined with 1.5 mm thick lead sheet from edge to edge including door jambs. 4. The room shall be fitted with a viewing window at least 101.6mm (width) x 203.2 mm (length). The base of the window shall be located at a height of at least 1.3m from the floor. The two windows must be made of lead glass material with a lead equivalence of at least 8mm. 5. The control of the x-ray machine must be installed in front of the lead glass viewing window and placed outside the room. 6. A red warning light must be installed above the x-ray room door. The light must be automatically illuminated when the x-ray machine is switched on. 7. The X-ray Machine including all peripherals and accessories shall be securely mounted and shall be properly installed in compliance with the regulatory requirements of the Center for Devices, Radiation Health and Research, Food and Drug Administration. The required technical specifications and other requirements for the x-ray machine are indicated in Section VI. 8. The room shall be fitted with an air-conditioning unit (ACU), at least 1 HP, split type, inverter technology, 220V, 60Hz. The ACU must be securely mounted on the Mini Bus body structure.			

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PURCHASER'S SPECIFICATION		**STATEMENT OF COMPLIANCE**	

D. Ultrasound/ECG Room Specifications

1. Size of the Ultrasound/ECG room shall be at least 1800mm (width) x 1800mm (length), ± 5% tolerance.

2. An Ultrasound machine and an ECG machine shall be installed in the room. The respective cart/trolley of the equipment shall be securely mounted on the floor or shall have a fastening system to avoid the equipment from rolling during transportation. The required technical specifications and other requirements for the Ultrasound Machine, and ECG machine are indicated in Section VIII.

3. The room shall also contain the following medical equipment with the required technical specifications indicated in Section VIII:

    a. Telemedicine

    b. Stethoscope

    c. Ophthalmoscope

    d. Examination Light

4. The room shall be installed with at least one duplex type convenience outlet (10A, 220V, 60Hz) with grounding located on the head side of the Examination Table to provide power to the Ultrasound machine and ECG machine.

5. This room together with the laboratory room, shall be fitted with an air-conditioning unit (ACU), at least 1.5 HP, split type, inverter technology, 220V, 60Hz. The ACU must be securely mounted on the Mini Bus body structure.

6. Ultrasound bed and overhead cabinet Dimensions:

    Overhead Cabinet: 1800mm (length) x 370mm

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(width) x 280mm (height), ± 5% tolerance Ultrasound Bed: 1800mm (length) x 550mm (width) x 850 (height), ± 5% tolerance with two toned color of light gray and dark gray. 7. The room also features curtains with a 12 mm diameter curtain rail and a length of 1800 mm. Curtain size is 5' x 7' or 1524 mm x 2134 mm			
E. Laboratory Room Specifications 1. The size of the Laboratory shall be at least 1.5m (width) x 1.8m (length) ± 5% tolerance. 2. The room shall have the following: a. Working bench/table top with approximate dimension 1500mm (length) x 550 mm (width) x 850 (height), ± 5% tolerance. The benchtop shall be made of resin phenolic surface or equivalent waterproof, chemical proof, and scratch proof material. The lower section of the bench shall consist of at least 4 cabinets with at least 2 shelves and with doors with lock. b. Wall mounted overhead cabinets placed directly above the working bench. With approximate size of 1500mm (length) x 370mm (width) x 280mm (height) ± 5% tolerance divided into at least four cabinets with at least 1 shelf with lockable doors. The bottom side of the cabinet shall include an LED lighting fixtures to provide additional illumination of the working bench. Lavatory made of stainless steel with water faucet connected to clean water tank and with drainage system connected to the waste water tank. The water supply pipes and drainage pipes must be covered with a cabinet built stainless steel or PVC or ABS material. c. This room together with the ultrasound room, shall be fitted with an air-conditioning unit (ACU), at least 1.5 HP, split type, inverter			

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PURCHASER'S SPECIFICATION		**STATEMENT OF COMPLIANCE**	
technology, 220V, 60Hz. The ACU must be securely mounted on the Mini Bus body structure. d. At least 3 duplex type convenience outlets (10A, 220V, 60Hz) with grounding installed on the wall side of the working bench to provide power to the laboratory Equipment. e. The Laboratory Room shall contain the following laboratory equipment with the required technical specifications and other requirements shown in Section VIII: i. Hematology Analyzer ii. Chemistry Analyzer iii. Binocular Microscope iv. Clinical Centrifuge v. Hematocrit Centrifuge vi. Pharmaceutical Refrigerator vii. Handheld Electrolyte Analyzer			
F. **Entrance and Hallway Specifications** 1. The side door shall serve as the entrance way going to the Ultrasound/ECG room and Laboratory room. The entrance to the X-ray room is at the back door. 2. A bench with a dimension of 700mm (length) x 400mm (width) x 450mm (height), ± 5% tolerance shall serve as a waiting bench for the patients and may also be used for the blood collection shall be installed in the hall way. The bench shall be securely mounted on the floor. The bench (seat and backrest) shall be made of sturdy aluminum frame material and panels coated with white color paint or other lightweight, equivalent strength material such as fiberglass reinforced plastics or plastic laminated. The seat and backrest must be fitted with mattress made of polyurethane foam covered with a washable leatherette material. The construction of the bench must be in such a way that the underneath			

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PURCHASER'S SPECIFICATION		**STATEMENT OF COMPLIANCE**	
can be used as a compartment. 3. A digital clock with at least 4-inch display shall be mounted on the wall of the hall way. The vehicle shall also have a Fire Extinguisher which is well mounted. 4. Must have a working table with the following dimension: 1050mm (length) x 500mm (width) x 700mm (height), ± 5% tolerance			
G. Clean Water Tank The Mobile Primary Care Facility (PCF) shall be installed with a refillable stainless steel 304 clean water tank at least 80 liters capacity and with a piping system to provide clean water to the lavatories. A water hose with a diameter of 1/2 inch and 20 meters length shall be provided to be used for filling up the tank with clean water. The size of the clean water tank shall be at least 1000mm (length) x 400mm (width) x 250mm (height), ± 5% tolerance			
H. Waste Water Tank The Mobile Primary Care Facility (PCF) shall be fitted with a stainless steel 304 waste water tank at least 100 liters capacity and with piping system for the drainage of used water from the lavatories. A drain hose at least 20 meters length with a quick release valve to serve as a means to drain the waste water from the tank shall be provided. The size of the waste water tank shall be at least 600mm (length) x 420mm (width) x 320mm (height), ± 5% tolerance			
I. Installation of Electrical Wirings and Devices The Mobile Primary Care Facility (PCF) shall be installed with the appropriate electrical wirings, switches and circuit breakers for the supply of electrical power to the x-ray room, laboratory room, Ultrasound/ ECG room, air-conditioning units, ceiling lamps, and convenience outlets from the Generator Set and/or from an outside power source.			

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PURCHASER'S SPECIFICATION		**STATEMENT OF COMPLIANCE**	
J. Manual Transfer Switch A Manual Transfer Switch (at least 100 amperes, 230V) installed between the Generator Set connection and outside power source. The connection for the outside power source must be a retractable extension cord, 30 mm 2 stranded copper wire with grounding wire, at least 10 meters length, with heavy duty electrical plug.			
K. Electric Generator Set **Generator Set Info** 1. Rated Frequency (Hz): 60 Hz 2. Rated Voltage (V): 220V 3. Rated Power: 9.0kW 4. Max. Power: 10.0 KVA 5. DC Output: 12V 8.3A 6. Phase Number: Single 7. Excitation Transistorized: Brush, exciting-self 8. Power Factor: 1 9. Fuel Tank Capacity (L): 20 10. Engine No.: 195FD 11. Starting Engine type: 4 strokes, OHV,Single cylinder Air-cooled 12. Bore x Stroke (mm): 95*75 13. Displacement: 0.531L 14. Compression ratio: 20:1 15. Rated Speed (rpm/min): 3600 ± 1% tolerance 16. Rated Power[kw/(rpm/min)]: 10.5, 11.0 17. Engine Oil Tank (L): 1.65 18. Fuel consumption (g/kw.h): δ 275 19. Fuel Type: 0# (Summer), -10# (Winter),-35#(Extremely cold) Diesel 20. Engine Oil Brand: SAE10W30 or15W-40 or (CD grade above) 21. Optional: ATS/REMOTE 22. Package size (mm): 950-550-770 23. Net/Gross Weight (kg): 170/175 ± 1% tolerance			
L. Aircon: 1. Split type (1.5HP), inverter technology, 220V, 60Hz 2. Split type (1 HP), inverter technology, 220V, 60Hz			

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Total ABC: **PhP830,000,000.00**			
PURCHASER'S SPECIFICATION		**STATEMENT OF COMPLIANCE**	
M. Vehicle Sticker **As per design in Annex D** 1. Front: more or less 155W x 30H (cm) 2. Back (Body): more or less 100W x 94H (cm) 3. Back (Left Side): more or less 30W x 73H (cm) 4. Back (Right Side): more or less 30W x 73H (cm) 5. Side (Top): more or less 460W x 60H (cm) / 2pcs 6. Side (Body): more or less 410W x 170H (cm) / 2pcs 7. Side (Front): more or less 190W x 110H (cm) / 2pcs 8. Side (Front): more or less 30W x 30H (cm)/ 2pcs (DOH logo) 9. **Color scheme** Red - c14 m98 y100 k4 Blue - c100 m97 y6 k7 Yellow - c2 m16 y98 k0			
VII. **Vehicle Specifications** 1. Overall Dimensions (mm): at least 6,990 (length) x 2,080 (width) x 2,635 (height) ± 1% tolerance 2. Wheelbase (mm): 3,935 ± 1% tolerance 3. Minimum Ground Clearance (mm): 180 ± 2% tolerance 4. Seating Capacity: 2 (D&P) 5. **Engine Transmission** a) Engine Type: 4-cylinder, In-Line, 16-valve OHV, Gear drive b) Displacement (cc): minimum 4000 c) Max Output (PS/rpm): at least 130/2500 - 136/2500 d) Max Torque (Nm/rpm): 390/1400 e) Fuel Type: Diesel f) Fuel Tank Capacity (L): at least 90 g) Fuel Regulation Type: EURO 4 h) Transmission: 5-speed manual transmission 6. **Chassis** a) Wheels: 17.5" Steel			

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PURCHASER'S SPECIFICATION		**STATEMENT OF COMPLIANCE**	
b) Spare Tire: Full Spare (Front) c) Brake Type: (Fr) Ventilated Disc, (Rr) Drum (w/ Auto Adjuster) d) Suspension: (Fr) Double Wishbone, (Rr) Leaf Spring 7. **Exterior** a) Headlamps: Halogen b) Rear Combination Lamp: Halogen c) Cool Air Intake: Snorkel Type (with Pre Cleaner) d) Windshield Wiper: (Fr) Intermittent e) Center Door: Folding Auto Type f) Back Door: Double-Leafed Hinged Door 8. **Interior** a) Seat Material: Fabric b) Inside Rearview Mirror: With Parking Brake: Lever 9. **Function** a) Ignition System: Rotary b) Air-conditioning System: Manual Climate Control c) 12v Socket: 1 10. **Safety** a) SRS Airbags: Driver side, b) Seatbelts: (D) 3pt. ELR Pretensioner + Force Limiter, (P) 3pt. ELR c) With Anti-Lock Brake System and with Brake Assist 11. **Tools** Manufacturer standard			
VIII. **Medical Equipment Specifications** **A. (83 units) MOBILE DIGITAL X-RAY SYSTEM WITH BUCKY STAND** 1. Standard output power: ≥5kVA Maximum output power: P=100kV×50mA=5kW Power capacity: ≥5kVA;			

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PURCHASER'S SPECIFICATION		**STATEMENT OF COMPLIANCE**	

Inner resistance≤0.5Ω
Voltage range: Voltage: AC220V ± 22V

2. Tube current: 20-100mA
3. mAs range: 0.2-200mAs, shift adjustment
4. Exposure time: 0.01s-4s
5. Frequency: ≥40kHz
6. X-ray tube type
   Focal spot size: 1.8mm
   Anode heat capacity: 40KJ
7. Dimension: at least 290x260x230mm, ± 1% tolerance
8. Weight: 18-20 kg

Digital Flat Panel Detector

1. Technology: Amorphous Silicon
2. Scintillator: Csl
3. Active area (mm2): 427X427
4. Pixel Pitch: at least 139μm
5. Pixel Matrix: 3072x3072
6. Spatial Resolution: 3.6 lp/mm
7. AD Conversion: 16 bit
8. Data Transmission: GiGE
9. Stable iSync + Automatic Exposure Detection
10. Preview Image Time: 3
11. Full Image Time: 5
12. Dimension: 460x460x15mm
13. Weight: 4kg -5kg
14. Power Dissipation (W): 30

Environment Specification

1. Operating Temperature (°C): 5~35°
2. Storage & Transport Temperature with package (°C): -10~55°
3. Operating Humidity (%RH): 30~80 (Non-Condensing)
4. Storage & Transport Humidity with package (%RH): 10~90 (Non-Condensing)

Bucky Stand

1. Size: 1780*650*430mm, ± 1% tolerance
2. General Weight: 200kg to 205kg
3. Net Weight: 180KG -190kg

Digital Image Workstation

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PURCHASER'S SPECIFICATION		**STATEMENT OF COMPLIANCE**	
1. CPU: Core i5 or better 2. Memory Capacity: 16gb or more 3. Hard disk: 500gb or better 4. System: 64 bits window operating system 5. With ink-jet printer			
B. (83 units) PORTABLE ULTRASOUND MACHINE **General Features:** 1. Weighing not more than 5 kgs, comfortably pick and go. 2. Built-in battery, working time more than 2 hours, extending point of care to sites where power sources are unavailable. 3. Not only a professional ultrasound system, could also be a laptop computer upon request. 4. 15 inch LED display, as large as 175 degree viewing angle. 5. 8-segment TGC, precise adjustment of near/far gain. 6. 2 USB ports, connectivity of USB flash and laser printer 7. Discom 3.0 port, compatibility with archives, PACS or serves 8. Projector port, a must for lecturing or training 9. Probe variety: convex, micro-convex, endo-cavity/rectal, linear 10. Specialty: general, OB/GYN, vascular, cardiology, urinary, small organs, joint, muscle, etc. 11. Display mode; B, 2B, 4B, B/M, M 12. Imaging mode: 2D, free-hand 3D 13. Scanning depth: 250mm and depth could be increased, depend on the probes 14. Image/video format: AVI, JPG, BMP, PNG, TIF, DICOM **Technical Parameter:** 1. Display: Full Digital 15 inch LED Display, 3D Ultrasound 2. Platform: PC-Based 3. Beam Forming: DBF, RDA, DRA, DRF 4. DFS: Dynamic frequency scanning from 2.0 to 12.0MHz, 4 multi-frequency scanning			

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PURCHASER'S SPECIFICATION		**STATEMENT OF COMPLIANCE**	

5. THI: Yes
6. Display mode: B, 2B, 4B, B/M, M
7. Resolution: 600 * 800
8. Dynamic range: ≥100dB, 4 steps of switching functions

Image process technologies:

- Controllable frame correlation, Gamma correction, edge enhancement, image smoothing, image denoising, automatic gain adjustment, up/down, left/right and black/white conversation

Image magnification

- Step-less magnification, dynamic real-time PIP local zoom functions

Cine loop

- 512 frame auto/manual cine loop; multi screens cine loop (4B, 9B); auto/manual cine loop under B/M and M mode

Image management system

- The functions of pigeonholing, browsing, comparing, saving, printing and transferring images; as many as hundreds of thousands of images and thousands of cine loop could be saved; saved images could be operated by full-screen browse under slide mode.

Measurement and calculation

- Measure perimeter and area by distance or ellipse method; measure perimeter and area by track method; measure body surface area and volume by ellipse method. 4 measure sticks; rate measure; linear stenosis ratio, area stenosis ratio, angle measure. All calculations are automatic.

Assist tools

- Puncture guide, histogram, sectional drawing.

Menu manage interface

- Real time online support and navigation clew

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PURCHASER'S SPECIFICATION		**STATEMENT OF COMPLIANCE**	

system, image fore-set and one-key optimization functions.

Body marks: Multi-tens

Patient cases database system

- All the data could be saved, searched and managed. Multiple kinds of OB. measurement reports, fetus physiological grades and reports and fetus growth curve.

Presetting Formulas

- Presetting system for diagnosis and measurement formulas. Different formulas could be set according to different races.

Auto-measure software of OB., Gyn., small organs, cardiac, urology and others:

1. OB.: BPD, CRL, GS, HA, AC, HC, FL, APAD, TAD, FTA, HUMERUS, OFD, THD, TIBIA, ULNA, AFI, LIMP, BBT, FBP
2. Gyn.: uterus diameter, intima thickness, ovary column, regnant ovarian follicle, length of cervix long-diameter, uterine.
3. Small organs: thyroid gland, hip joint.
4. Cardiac: AOD, LAD, IVSTd, LVIDd, AA, LAD/AOD, LVPWd, LVIDs, EF, EF SLP, CA/CE, MVCF, CO, CI, LVMWI, AVSV, FS, ACV, ET, SV, SI, LVMW, QMV.
5. Urology: remained urine sample, prostate, PSAD.
6. Patient cases database systems. All the data could be saved, searched and managed.
7. Multiple kinds of OB. measurement reports, fetus physiological grades and reports and fetus growth curve.
8. 3D Software: YES

Relative Extended ports:

1. VGA, S-Video, TV video port
2. USB2.0 port, 2G saving card

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PURCHASER'S SPECIFICATION		**STATEMENT OF COMPLIANCE**	

3. RJ-45 network port extended ports
4. Multiple kinds of saving modes are all supported, containing soft disk, hard disk, flash disk, CF card, SD card and others.
5. Compatible of jet printer, laser printer, video printer and video recorder

Probes:

- 3.5MHz R60/R50 convex probe; multi-frequency from 2.0MHz to 5.0MHz
- 7.5MHz L40 linear probe; multi-frequency from 5.0MHz to 10.0MHz
- 6.5MHz R10/R13 transvaginal probe; multi-frequency from 5.0MHz to 8.0MHz
- 3.5MHz R20 cardiac probe; multi-frequency from 2.0MHz to 5.0MHz

Accessories:

- Mobile Trolley
  - Desktop: aviation aluminum, surface anode; With handle; Size 420 * 400mm; 830mm above the ground; Bearing capacity: atleast100kg; ± 1% tolerance
  - Column: aviation aluminum, surface anode; 700mm high, 50mm diameter:
  - Basket: iron wire impregnated with plastic, position adjustable: size: 320 * 200*120mm
  - Base: steel structure with plastic exterior decoration, with a diameter of 550mm; 5* 3 "silent wheel (two with brake)
  - Packaging: modular packaging; Net weight: 7.68kg; Gross weight: 9.5kg; Size:600*590*270mm;
  - Optional accessories: printer board, probe cup, cable hanger, caster can be replaced with 4-inch caster. The basket can be replaced with plastic basket;
  - Scope of application: portable color Doppler ultrasound, ECG, high frequency scalpel, small monitoring equipment, testing instruments and emergency tools

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PURCHASER'S SPECIFICATION		**STATEMENT OF COMPLIANCE**	
C. (83 units) OPHTHALMOSCOPE 1) Rechargeable 2) Illumination: Direct Illumination 3) Luminance: 14 Lumen 4) Power Handle: The clip type handle 5) Color Temp: 3000k or 4000K ± 5% 6) Color Rendering Index (CRI): LED bulb 90% 7) Ear Tip Sizes: Dioptric Lenses and Apertures Type 8) Weight: 129g ± 1% 9) Battery: &116 Ni_Mh 2.4V 16000MA 10) Bulb Electrical Parameter: LED: Model &206c, 3.0Vdc, 80mA XHL: Model &106F, 3.6Vdc, 350mA **Accessories:** 1) 19 kinds of dioptric lenses 2) Fixation star 3) Small circle 4) Large circle spot 5) Semi-circle spot 6) Red-free filter			
D. (83 units) HEMATOLOGY ANALYZER **General Features:** 1) 3-part differentiation of WBC, 24 parameters, up to 60 samples test per hour 2) Electrical resistance for counting and SFT method of Hemoglobin 3) Low sample consumption: venous 9.8ul, prediluted 20ul for twice testing one time 4) 8.4" inches color touch screen (windows interface all testing parameter displayed simultaneously) 5) Windows operation system graphical buttons mouse and keyboard operation 6) Automatic diluting, mixing, rinsing and clog clearing 7) Automatically sample probe cleaning (inside and outside) 8) Large storage capacity: up to 10,000 samples +3 histograms Internal thermal-sensitive printer or external printer. 9) RS232 interface, PC connecting			

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PURCHASER'S SPECIFICATION	**STATEMENT OF COMPLIANCE**

Main Technical Specifications:

1) Methodology: Electrical resistance for counting, hemoglobin cyanide method and SFT method for hemoglobin
2) Parameter: 3-part differentiation of WBC; 21 parameters and 3 color histograms (WBC, RBC, PLT)
3) Work mode: double Channel + unique Hemoglobin test system
4) Sample volume: 9.8μL for Venous and capillary mode, 20μL for prediluted mode
5) Throughput: More than 60 samples per hour, operatable 24 hours a day, auto sleeping and waking-up functions
6) Storage: up to 100,000 sample results including histograms can be stored, convenient for inquiry and management of history data
7) Operation langue: English
8) QC control: X-B, L-J, X, SD, CV%
9) Reference Value Setting: Male, Female, Children, Neonate
10) Input/output: RS232, parallel printer and keyboard
11) Print: Graphic thermal printer with various printing format, optional external printer
12) Temperature: 18°C -30°C, wet ≤ 10-90%
13) Power supply: 220 V ±22 VAC, 50/60Hz
14) Dimension: 33 CM (L)* 38 CM (W)* 43 CM (H) ± 1% tolerance
15) Weight: 20 KG ± 1% tolerance
16) Turnaround time: more or less 1 min

Precision:

Parameters	Linear Range	CV%
WBC (10 9/L)	0.0 - 99.9	≤ 2%
RBC (10 12/L)	0.0 - 99.9	≤ 1.5%
MCV (fL)	4 - 150	≤ 0.5%
PLT (10 9/L)	0 - 999	≤ 4.0%

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PURCHASER'S SPECIFICATION	**STATEMENT OF COMPLIANCE**
HGB (g/L) | 0.0 – 300.0 | ≤ 1.5% **Parameters:** 1) WBC, Lymph#, Mid#, Gran#, Lymph%, Mid%, Gran%, RBC, HGB, HCT, MCV, MCH, MCHC, RDW-CV, RDW-SD, PLT, MPV, PDW, PCT, P-LCR P-LCC 2) 3-histograms: WBC, RBC and PLT	
E. (83 units) CHEMISTRY ANALYZER, FULL-AUTO **Features:** 1) Two test mode: Automatic washing and Disposable cuvette 2) Open system, real time curve showing 3) LED lamp, ≥10000 hour for long life 4) 7 inch Color LCD, touch screen 5) Memory for 10,000 sample results 6) RS232 interface, PC connecting 7) Probe with anti-collision function, liquid level detection 8) High pressure water flush interior the probe **Specifications:** 1) Test Mode: Kinetic, End-point, Fixed-time, Turbidimetry, Absorbance 2) Sample positions: 24 +5 (Using original tube) 3) Calibration position: 1 4) QC position: 1 5) ST position: 1 6) Reagent positions: 54 (27 for 6mL; 27 for 24mL) 7) Cuvettes position: 81 can be reusable 8) Sample volume: 2~30 uL, 0.1ul increasing 9) Reagent volume: 20~350 uL, 0.1ul increasing 10) Test speed: 120 tests/hour 11) Wavelength: 8 Wavelength, 340, 405,450, 510, 546, 578, 630,700 nm 0-4.000 Abs 12) Absorbance precision: inside 0.00001	

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PURCHASER'S SPECIFICATION		**STATEMENT OF COMPLIANCE**	
Abs 13) Repeatability CV: < 1% 14) Carry-over: < 1.1% 15) Water consumption: 5L/H Automatic washing mode; 2.5L/H for disposable cuvette mode 16) Quality control curve: X, SD, CV%, L-J quality control curve for every test item 17) Printer: Internal thermal sensitive printer 18) Interface: RS-232 19) Work Environment: Temperature 10°C ~ 30°C, Humidity: ≤ 85% 20) Power supply: 100~240VAC, 50/60Hz, 100VA 21) Storage: at least 8gb 22) Turnaround time: 20 seconds or less **Usual test list** 1) Liver function: ALT AST ALP T-BIL D-BIL TP ALB CHE Nh3 2) Renal function: BUN CRE UA URE y-GT 3) Lipids: T-CHO TG HDL-C LDL-C 4) Cardiac function: CK CK-MB LDH 5) Others: GLU AMS Anti-CCP ASO CRP D-Dimer HbA1c RF SAA 6) B2M Cys-C LP(a) mAlb MB NGAL RBP			
F. (83 units) CLINICAL CENTRIFUGE, 12 PLACER **Technical Parameter:** 1) Capacity: 12-placer 2) Power Supply Input: ACC 220V, 50/60Hz 3) Max Speed: 4000r/min 4) Max RCF: 1880xg 5) Max Capacity: 120ml 6) Speed Accuracy: ±20r/min 7) Time Range0: 99min 8) Noise: ≤55dB 9) Dimension: 283×220×265mm, ± 1% tolerance 10) Weight: 6kg ± 1% tolerance 11) Turnaround time: 1 min or less			

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<tr><td colspan="2">PURCHASER'S SPECIFICATION</td><td colspan="2">STATEMENT OF COMPLIANCE</td></tr>
<tr><td colspan="2">Standard Features:
1) Brushless motor
2) 4,000 RPM
3) Angle motor
4) Microprocessor control system
5) Digital display of speed
6) RCF and time
7) Overspeed protection
8) Can set speed
9) RCF start
10) Can change the parameters during centrifuge running to achieve the best centrifugation effect
11) Self-balance</td><td colspan="2"></td></tr>
<tr><td colspan="2">G. (83 units) HEMATOCRIT CENTRIFUGE

Technical Parameter:
1) Capacity: 24 placer
2) Power Supply Input: 220 - 240 VAC, 60 Hz
3) Speed Range 500 to 12,000 rpm
4) Increment: 100rpm
5) Max RCF: 13,680 x g
6) Speed Accuracy: +100
7) Run Time: 30sec-99min/Continuous
8) Motor: Brushless DC motor
9) Display: LCD
10) Safety Devices: Door interlock, Overspeed detector; Automatic internal diagnosis, Automatic rotor identification
11) Acceleration/Braking time: 40s↑ 40s↓
12) Power Requirements: Single-phase, 200V-240V,50Hz/60Hz, 5A; 100V-120V, 50Hz/60Hz, 5A 160W
13) Dimension (W x D x H): 280 × 364 x 213mm, ± 1% tolerance
14) Weight: 8.5kg
15) Certification: CE cTÜVus FCC MCA

Standard Features:
1) Motor Type: Brushless
2) Speed range of 500-12000 rpm</td><td colspan="2"></td></tr>
</table>

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PURCHASER'S SPECIFICATION		**STATEMENT OF COMPLIANCE**	
3) Precise and independent control of speed and time 4) Easy operation with intuitive menu and LCD display 5) Pulse operation for fast and convenient quick spins 6) Advance features include speed/RCF switch; short-time run function; audible alert function 7) Safety features include door interlock, overspeed detector; over-temperature detector; automatic internal diagnosis and automatic rotor identification 8) Door interlock 9) Advanced features: Speed/RCF switch; Short-time run function; sound-alert function			
H. (83 units) BINOCULAR MICROSCOPE **Standard Features:** • Viewing Head: Sliding Binocular Head, Inclined at 45º • Eyepiece: Wide Field Eyepiece WF10X WF16 • Objective: Achromatic Objectives 4X 10X 40Xs 100Xs (oil) • Condenser: Abbe Condenser NA1.25 with Diaphragm, Filter • Nosepiece: Quadruple Nosepiece • Focusing System: Coaxial Coarse and Fine Adjustment, Moving Range 30mm • Stage: Double Layer Mechanical Stage 140x140mm, Moving Range75mmx45mm • Illumination: 6V/20W Halogen Lamp, Brightness Adjustment • Product single size: 32×27x43cm, ± 1% tolerance			
I. (83 units) REAGENT REFRIGERATOR **Technical Specifications:** 1) Volume: 90L 2) Inner Temperature: 2~8 ℃ 3) Voltage: 220V/50Hz 4) Power Consumption: 2.8kW/h24h 5) Input Power: 100W 6) Electric Shock: I/B			

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<tr><td colspan="2">PURCHASER'S SPECIFICATION</td><td colspan="2">STATEMENT OF COMPLIANCE</td></tr>
<tr><td colspan="2">7) Climate Type: N
8) Alarms Type: Sound/Light
9) Optional Functions: Recorder/ Printer/ SMS
10) Refrigerant: R600a
11) Net Weight: 40kg
12) Chamber: 3
13) Product Dimension: 490 x 490 x 1240 mm (D x W x H), ± 1% tolerance
14) Package Dimension: 580 X 580 X 1350mm

Humanized Design:
1) High quality steel wire dip adjustable shelf
2) Outdoor anti-condensation technology
3) Large screen digital display
4) Safety door lock design
5) Suitable for wide voltage band of 187-242V
6) Transparent vacuum tempered glass door
7) Energy saving lighting in the cabinet

Safe Control System:
1) Keyboard lock and password protection
2) System failure alarm sound and point code display (high temperature/low temperature/sensor failure)
3) Delayed start self-check at start up and shutdown interval protection
4) Sensor failure, digital disorder, safe and automatic running program
5) Power-off memory function

Accurate Temperature Control System:
1) High resolution temperature calibration function, proofreading in 0.1°C increments
2) Intelligent control of fan strong refrigeration gas circulation.
3) Display accuracy of 0.1 °C, precise box temperature of 2~8°C.</td><td colspan="2"></td></tr>
</table>

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PURCHASER'S SPECIFICATION		**STATEMENT OF COMPLIANCE**	

J. (83 units) HANDHELD ELECTROLYTE ANALYZER

Electrolyte Analyzer

1) Maintenance-free: No fluid pipe inside the device, no reagent pack required
2) Easy to use: Convenient bedside testing with whole blood
3) Fast Lab-quality results: Provides accurate results in approximately 5 minutes, auto-calibration before each test
4) Portable: Size: 240 × 120 × 110 mm 1% tolerance
5) Weight: 1.5 ± 0.2 kg (including battery)
6) Including ionized magnesium (iMg2+): Used for hypomagnesemia and hypermagnesemia monitoring

Electrolyte Cartridge

1) 5 in 1 cartridge: Concurrently tests 5 parameters: K+, Na+, Cl-, iCa2+ and iMg2+, addressing more comprehensive clinical needs
2) No risk of sample contamination: Dry chemistry method, single-use cartridge eliminates the risk of contamination

Performance

1) **Potassium (K+):** Even small changes in extracellular K+ concentration will have significant effects on the transmembrane potential gradient, and thereby the function of neuromuscular and cardiac tissues.
2) **Sodium (Na+):** As the most abundant extracellular fluid solute, Na+ is the major determinant of its osmolality and thereby the principal determinant of water distribution between the intracellular and extracellular compartments. This highlights the role of Na+ in the maintenance of blood volume and thereby blood pressure.
3) **Chloride (CI-):** As the second most abundant extracellular fluid ion after Na*, and the most abundant extracellular fluid

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PURCHASER'S SPECIFICATION		**STATEMENT OF COMPLIANCE**	
anion, Cl- is essential for the maintenance of normal plasma osmolarity 4) **lonized Calcium (iCa2+):** The maintenance of iCa2+ within normal limits is not only important for the structural integrity of bones but for a range of physiological functions, including: hemostasis, cardiac and skeletal muscle cell contraction, neuromuscular transmission and action of many hormones (calcium-signaling). 5) **lonized magnesium (iMg2+):** iMg2+ relates to the stabilization of intracellular potassium, which ensures the normal functionality of myocardium, nerve and muscle. **Application** 1) **Emergency Department:** Monitoring of electrolytes in critically ill patients with poisoning, coma and convulsions 2) **Anesthesiology Department**: Monitoring of electrolytes during surgical anesthesia (preoperative, intraoperative and postoperative) 3) **Nephrology Department:** Monitoring of electrolytes for patients in dialysis ward 4) **ICU**: Monitoring of electrolytes in critically ill patients 5) **Dermatology Department:** Monitoring of electrolytes in patients with severe trauma, burn and scald 6) **Primary Medical Institution:** Electrolytes test 7) **Surgery:** Monitoring of electrolytes during operation 8) **Gastroenterology Department:** Monitoring of electrolytes in patients with diarrhea and vomiting accompanied by coma			
K. (83 units) EXAMINATION LIGHT **Product Description** • A light used during examinations or			

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Name of Manufacturer:		Country of Origin:	
Brand:			
Total ABC: **PhP830,000,000.00**			
PURCHASER'S SPECIFICATION		**STATEMENT OF COMPLIANCE**	
treatment of the patient. It is usually used during examination or treatment during minor events Designed to be easily moved from one location to another. Arm: 105 +/- cm articulated, spring loaded arm, arm with on/off switch and incorporated electronically transformer. • Medical Light to be proposed as basic equipment in health structures, it can be used for medical and gynaecological examination and minor operation. One of the advantages of a LED examination lamp is its compactness. It can be placed in front of the operator without obstructing sight. **Main Technical Data** • Illuminance: 30,000Lux 0.5m/5,000Lux 1m • Color temperature: 4800±200K • Adjust: Adjust light • Total irradiance: 380W/ • Size of light field: 100mm ± 1% tolerance • Rated power of bulb: 3.3/3W • Power supply voltage: 220V/50Hz • Bulb: LED bulb			
L. (83 pieces) STETHOSCOPE, ADULT **Standard Features:** ● Applications: Physical assessment and diagnosis ● Chest piece material: Stainless steel ● Chest piece type: Double sided ● Chest piece weight: 97g ● Diaphragm diameter: 4.55cm ● Chest piece (small side) Diameter: 3.5cm ● Diaphragm material: Epoxy / Fiberglass ● Diaphragm type: Tunable diaphragm ● Y-tube material: PVC ● Y-tube length: 60 cm ● Whole length: 77 cm ● Binaural material: Stainless steel ● Binaural weight: 33g ● Ear tip type: Soft / Hard sealing			

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PURCHASER'S SPECIFICATION	**STATEMENT OF COMPLIANCE**
M. (83 sets) TELEMEDICINE WITH BAG **Excellence Performance** • Outstanding performance, easy to use. • Provide accurate and stable basic parameters and measurement of test. **Super Storage** • Fully support patient's health • Management terminal mass storage **Long Standby** • Long battery for 8 hours working **Easy to Use** • A good helper for medical staff. • Novice medical staff can also quickly master the using of method. **Reliable and durable** • Adapt to changeable application environment. • The product is sturdy and durable. **Data's Transmission** • Multiple data's handling method. • Remote wireless transmission methods. **Telemedicine Monitor:** • 10.1 inch touch screen • New design and stable for placing • New software and more functions • Fast Test and Easy to Use • Real-time data exchange • Superior accurate test result • Rechargeable lithium battery backup for 5 hours **Standard Configuration:** • 12 lead ECG • NIBP • Infrared forehead TEMP • SPO2 • HR/PR • Backpack	

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PURCHASER'S SPECIFICATION		**STATEMENT OF COMPLIANCE**	
Specifications: • Electric shock protection: Class II, Internal powered equipment • EMC: Group 1, Class A • Degree of protection against electrical shock: ECG, SpO2, NIBP: Defibrillation-proof Type CF applied part. TEMP: Type BF applied part • Degree of protection against liquid: IPX1 (Protected against vertically falling water drops. Vertically falling drops shall have no harmful effects.) • Operation mode: Continuous • Product life: 5 years • Main unit dimension: 263 mm (L) ×230 mm (W) ×410 mm (H) • Display screen: 10.1 inch color TFT display, Touch-screen, Resolution: 1280×800 • Main unit net weight: ≤2kg **ECG parameter** • Lead type: IEC 12-lead • Waveform 12-channel waveforms • Display sensitivity 2.5mm/mV(×0.25), 5mm/mV(×0.5), 10mm/mV(×1), 20mm/mV(×2), Auto • Waveform sweep speed: 5mm/s, 6.25mm/s, 10 mm/s, 12.5 mm/s, 25mm/s, 50mm/s • Common mode rejection ratio: >100dB • Input signal range: ±5mV (peak-to-peak value) • Electrode offset potential tolerance: ±500mV • Time constant: ≥3.2seconds • Calibration signal: 1mV (peak-to-peak value), accuracy ±5% • System noise: <30uV (peak-to-peak value) **HR** • Measuring range: Adult: 15bpm to 300bpm Pediatric: 15bpm to 350bpm • Measuring accuracy: ±1% or ±1bpm (whichever is greater) • Resolution: 1bpm **SpO2 Sensor** • Range: 0% to 100%			

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PURCHASER'S SPECIFICATION		**STATEMENT OF COMPLIANCE**	
• Resolution: 1% • Accuracy: Adult, Pediatric; 70% to 100%: ±2%; 0% to 69%: Undefined • Wavelength range: 660±3nm to 905±5nm • Emitted light energy: <15mW • Type: Finger clip **NIBP** • Measurement methods: Oscillometric method • Measurement parameters: systolic, diastolic, mean and PR • Cuff pressure measuring range: 0 to 297mmHg • Pressure accuracy: 1mmHg • Max. mean error: ±5mmHg • Max. standard deviation: 8mmHg • Maximum cuff pressure: 300mmHg TEMP • Measurement method: Thermal resistance • Mode of operation: Direct mode • Measuring range: 35°C to 45°C • Resolution: 0.1°C • Accuracy (with sensor): ±0.2°C • Refresh time: 1 to 2 sec • Adult: Systolic pressure: 40 to 255mmHg Diastolic pressure: 10 to 195mmHg Mean pressure: 20 to 215mmHg Pediatric Systolic pressure: 40 to 200mmHg Diastolic pressure: 10 to 150mmHg Mean pressure: 20 to 165mmHg **Power Supply** ● Internal power: Rechargeable lithium-ion battery, 3.8VDC. ● Capacity: 3.8V, 12000mAh ● Working time: More than 5 hours (when powered by a new fully-charged battery in environment temperature 25°C). ● Charge time: Less than 4 hours to 90%. Less than 4.5 hours to 100%. ● Shutdown delay: at least 5 min (after a low battery alarm first occurs) ● Outside power supply: the device could be powered by adapter which meets safety requirements of IEC 60601-1 standard. ● Specification: input: 100V-240V, a.c., 50Hz/60Hz; output: d.c., 5.0V/0-4A			

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PURCHASER'S SPECIFICATION	**STATEMENT OF COMPLIANCE**

Storage and Transportation conditions

	Storage and Transportation condition	**Operational condition**
Temperature	-20℃~+55℃	0℃~+40℃
Relative Humidity	15%-95% (non-condensing)	15%-85% (non-condensing)
Atmospheric temperature	700 to 1060hpa	860 to 1060hpa

Working Rationale

1. **ECG monitoring**
   The bioelectrical changes of the heart itself are reflected on the surface of the body through the conductive tissues and body fluids around the heart, so that regular electrical changes occur in all parts of the body in each cardiac cycle. The electrocardiogram is a technique that records the changes of electrocardiogram from the body surface in each cardiac cycle. The electrodes are placed on a certain part of the human body surface. By detecting the changes of the electrocardiogram potential at this point, the electrocardiogram curves of the changes of the cardiac potential can be transformed into the electrocardiogram curves, as well as heart beat rate.

2. **SPO2 monitoring**
   Bill-Lambert's Law is the mainstream technology of non-invasive oxygen measurement. Pulse oximeters calculate the Optical Modulation Ratio ('R') as (AD/DC)600/(AC/DC)880.905.940, where '660'; '880';'905' and '940' subscripts represent the optical LED Peak wavelengths in nanometers. An empirically determined calibration curve allows the oximeter to derive the displayed SpO2 from the observed R curve values, as well as pulse rate.

3. **Blood Pressure monitoring**
   Oscillometric methods, it can automatically complete the inflation, deflation and

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PURCHASER'S SPECIFICATION		**STATEMENT OF COMPLIANCE**	

measurement, which can measure systolic and diastolic blood pressure as well as the pulse rate of patient.

4. **Temperature monitoring**
   The resistance value of thermistor varies with temperature, and shows obvious regularity. When the resistance value of thermistor varies, the voltage of the measuring circuit also varies. After the change is converted into digital signal by AD, the temperature of the target.

Intended Use

- The product is suitable for measuring and recording the physiological parameters such as electrocardiogram (ECG), heart rate (HR), pulse oximetry (SpO2), pulse rate (PR) of adults, and body temperature (TEMP), non-invasive blood pressure (NIBP) of adults and pediatrics. The optional external equipment such as infrared thermometer, semi-automatic urine analyzer, blood glucose/uric acid analyzer, white blood cell analyzer, hemoglobin analyzer, blood lipid analyzer, specific protein analyzer can be integrated into HES, and in addition, the measurements can be displayed, reviewed, stored, transmitted, and printed.
- The device is intended to be used in institutions or healthcare facilities with health care capabilities, such as outpatient clinics, emergency rooms, medical wards, clinics, care facilities, and other general departments. The device is not intended for intensive care, transfer, and home use, it cannot be used in OR and ICU. The device is intended to be used by physicians and trained healthcare professionals.

Intended Population

- Adult and child

Environment

- Hospital or healthcare environment

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PURCHASER'S SPECIFICATION	**STATEMENT OF COMPLIANCE**
Prescription ● Prescribed device **Contraindication** ● None **Compositions** ● The multi-parameters examination monitor consists of main unit and accessories which contains ECG lead wires, ECG electrodes, SpO2 sensor, NIBP cuff and extend tube, temperature probe, and adapter. **With Attachable Functions** ● The Telemedicine have the function as the displaying media for other medical devices such as: 1. Infrared thermometer 2. Semi-automatic urine analyzer 3. Blood glucose/uric acid analyzer 4. White blood cell analyzer 5. Hemoglobin analysis Instrument 6. Specific protein analyzer 7. Blood Lipids analyzer **Telemedicine Peripherals** 1. 12 lead ECG 2. NIBP Cuff 3. Fingertip SPO2 4. Infrared forehead TEMP ● Beep alarm ● LCD backlight ● Unit switchable ● 20 Memories ● 1s fast reading ● Non-contact infrared 5. Thermal Printer **Specification:** ● Outline dimension (80 x 46 x 123mm) ± 1% tolerance ● Very silent printing thru direct thermal printing method ● High speed (60mm/sec, MAX) ● High resolution (203dpi: 8dots/mm)	

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PURCHASER'S SPECIFICATION		**STATEMENT OF COMPLIANCE**	
● USB / Blue-tooth /Serial RS-232C ● Paper width (58mm) ● Support text and graphic printing ● Easy paper loading ● Life of printing head (50km) ● Charger Input AC 100~240V, 1.0A; Output DC8.4V,1.2A ● Li-ion Battery (DC7.4, 1200mAh) 6. Spirometer **Specifications:** ● Battery: 3.7V-300mAh Rechargeable Li-Po ● Operational Current: 100mA ● Charging Method: USB Charging ● Battery life with 1 full charge: 6 days (3 uses per day) ● Battery life when IDLE: 30 days ● Display: 1.44" TFT LCD display ● Spirometer Measurements 3.7V a. PEF (Peak Expiratory Flow) Range 66-999 L/min, with 1 L/min interval; b. FEV1(Forced Expiratory Volume in first second) Range 0.01-9.99 L, with 0.01 L interval; c. FVC (Forced Vital Capacity) d. Range 0.01-9.99 L, with 0.01 L interval 7. Stethoscope, Adult or child 8. Digital Weighing Scale **Specification:** ● Size: 280*280*24mm ± 1% tolerance ● Capacity:11-396lb/5-180kg ± 1% tolerance ● Batteries: 3*1.5 VAAA ● Division:0.2lb/0.1kg ● Unit: lb/kg (Switch the unit by Setting>My information>Unit)			

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PURCHASER'S SPECIFICATION		**STATEMENT OF COMPLIANCE**	

9. Laser Printer

Features

a) Wifi one step installation and direct printing
b) Compact and sleek design
c) Office document direct print form mobile devices
d) Fast print speed
e) Wi-fi connectivity and mobile printing
f) Convenient one step installation

Specifications

Printing:

a) **Printing technology**: Electrophotographic monochrome laser
b) **Print speed:** 22 ppm (A4)/23 ppm (Letter)
c) **First print out time**: Less than 7.8s
d) **Maximum monthly volume:** 15,000 pages
e) **Recommended monthly volume:** 700 pages
f) **Resolution(dpi):** Max. 1,200×1,200
g) **Printer language:** Gdi
h) **Duplex mode:** Manual

Paper handling:

a) **Paper input:** 150 pages
b) **Paper output:** 100 pages
c) **Media weight:** 60~163g/m2
d) **Paper output:** Plain, Thick, Transparency, Cardstock, Label, Envelope, Thin
e) Media size: A4, A5, A6, JIS B5, ISO B5, B6, Letter, Legal, Executive, Statement, Monarch envelope, DL envelope, C5 envelope, C6 envelope, NO.10 envelope, Japanese postcard, Folio, Officio, Big 16k, 32k, 16k, Big 32k, ZL, Yougata4, Postcard, Younaga3, Nagagata3, Yougata2

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PURCHASER'S SPECIFICATION		**STATEMENT OF COMPLIANCE**	
General: • **General dimensions:** (W x D x H): 337 x 220 x 178 mm (13.27" x 8.66" x 7.01") • **Weight (with cartridge**): 4.75kg (10.47lbs) • **Recommended environment:** Temperature range: 10-32°C (50°F-90°F) Humidity range: 20%-80% • **Power:** 110V Model: AC100~127V (±10%); 50Hz/60Hz; 6A 220V Model: AC220~240V (-15%,+10%), 50Hz/60Hz; 3A • **Noise:** Printing: 52 dB Standby: 30 dB • **Power consumption:** Printing: Average 370W Ready: 38W Sleep Mode: Less than 2W • **Operating system compatibility** Windows Server2003/2008/2012/XP/ Vista/Win 7/Win 8/Win8.1 / Win10 (32/64 Bit); Mac OS 10.7~10.13; Linux: Ubuntu 12.04/14.04 (32/64 Bit) • **Mobile operating system compatibility** iOS 7.0 and above; Android 4.4 and above • **Connectivity** Hi-Speed USB 2.0; WiFi: IEEE 802.11b/g/n Hi-Speed USB 2.0 • **Processor speed** 600MHz • **Memory** 128MB • **Energy efficiency** ENERGY STAR® certified 10. Urine Analyzer ● Back light display ● One-button operation ● Bluetooth ● 8hrs standby			

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PURCHASER'S SPECIFICATION		**STATEMENT OF COMPLIANCE**	

- External Printer
- Big storage 1000 group test data

11. White Blood Cell Analyzer

Features:

a) Easy operation
b) Microfluid chip zero pollution
c) Lab quality accuracy
d) Convenient portability
e) Rapid test
f) Precise identification
g) Ultra-portable

Specifications:

a) Sample dosage: 10ul
b) Inspection time: ≤3min
c) Comparability of device: deviation WBC≤±5%
d) Repeatability: precision ≤6.0%
e) Gross Weight/N.W.: 3.2kg/2.7kg
f) Disposable Consumable: Means no washing/ recycling to avoid contamination and sampling accuracy issues
g) Work environment temperature: 0°~ 40°C
h) Dimension: 321 x 300 x 230 mm ± 1% tolerance

12. Hemoglobin Analyzer

a) 7ul blood
b) Microfluid chip
c) 3 seconds
d) CV 1.5%
e) 2000 test results
f) Built-in-battery

13. Dry Biochemical Analyzer

Specification:

a) Detection time: ≤3mins
b) Turnaround time: more or less 3 mins
c) CV: ≤10%
d) Sample type: Serum, whole blood, plasma

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e) Sample volume: 45μL
f) Power supply Adapter input: AC100~240V,50/60Hz,30VA; output5V,2A
g) Built-in Lithium battery: DC3.7±0.3V
h) Measurement: 157.5*145.7*64.6mm
i) Weight: 622g
j) Data storage: 3000 results
k) Display: 4.3' touch screen
l) Storage environment Temp:-20 °C~60 °C;Rh:10% ~ 90%
m) Operation environment Temp:15°C ~35°C;Rh:≤85%

Features:

a) High precision
b) Disposable consumable
c) 3min
d) Constant temperature and humidity
e) Optional printer

Test Items:

- Lipids + Glucose: TC, TG, HDL-C, LDL-C, Glu
- Kidney Function: UREA, CRE, UA
- Liver Function: ALB, ALT, AST
- Screening for Metabolic Diseases: TC, UA, GLU
- Screening of Blood Donors: Hb, ALT Sample dosage: less than 60μl Repeatability: CV less than 2%
- Accuracy or comparability less than less than ±3%
- Power: 5V/3A power adapter, built-in lithium battery

Optional configuration as below:

Lipids + Glucose

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PURCHASER'S SPECIFICATION				**STATEMENT OF COMPLIANCE**
Measurement	TC	2.59~12.93 mmol/L	Sample: Serum, whole blood, plasma	
	TG	0.51~7.34 mmol/L	Sample Volume: 45μL	
	HDL-C	0.39~2.59 mmol/L	Testing time: 3 mins	
	GLU	2.0~18.0 mmol/L		
Screening of blood donors				
Measurement	Hb	45~256g/L	Sample: Serum, whole blood, plasma	
	ALT	100~800 U/L	Sample Volume: 45μL Testing time: 2 mins	
Screening for Metabolic diseases				
Measurement	TC	2.59~12.93 mmol/L	Sample: Serum, whole blood, plasma	
	UA	120~1200 mmol/L	Sample Volume: 45μL	
	GLU	2~18 mmol/L	Testing time: 3 mins	
Liver Function				
Measurement	ALB	10~60 g/L	Sample: Serum, whole blood, plasma	
	ALT	10~800 U/L	Sample Volume: 45μL	
	AST	10~800 U/L	Testing time: 3 mins	
	AST/ALT			
Kidney Function				
Measurement	Urea	2.5~40 mmol/L	Sample: Serum, whole blood, plasma	
	Cre	30~1000 μmol/L	Sample: Serum, whole blood, plasma	
	UA	120~1200 μmol/L	Testing time: 3 mins	

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PURCHASER'S SPECIFICATION		**STATEMENT OF COMPLIANCE**	

	Urea/ Cre		

14. Immunofluorescence Analyzer

Features:

a) High precision
b) Disposable consumable
c) 3min
d) Ultra-portable
e) Optional printer

Test parameters:

- COVID-19 Neutralizing Antibody CRP+SAA
- CRP(full range); PCT
- NT-proBNP
- HbA1c; Ferritin; D-Dimer; 25-OH-VD

f) Instrument automatically self-calibration when power-on
g) Bluetooth transmission is supported
h) Rechargeable polymer lithium battery
i) Support external thermal printer (printer is not included).

Specification:

a) Weight: G.W. 0.8KG N.W.0.75KG
b) Dimension: 95.6mm*96mm*183.5mm ± 1% tolerance
c) Built-in Lithium battery: DC3.7 ± 0.3V
d) Display: 4.3' touch screen
e) Data storage: 2000 results
f) Work (Operation) environment Temp: 15°C~35°C; Rh: ≤85%
g) Turn-around time (Detection time): ≤15min

Power Supply Unit:

Power supply Adapter input: AC100~240V, 50/60Hz, 30VA; output5V, 2A

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PURCHASER'S SPECIFICATION		**STATEMENT OF COMPLIANCE**
Inflammation		
CRP	Measurement: 0.5~150 mg/L	
	Sample: Serum, whole blood, plasma	
	Sample Volume: 10μL	
	Reaction time: 3 mins	
CRP/SAA	Measurement: CRP 5~150 mg/L SAA 5-150 mg/L	
	Sample: Serum, whole blood, plasma	
	Sample Volume: 10μL	
	Reaction time: 5 mins	
PCT	Measurement: 0.1~50 ng/mL	
	Sample: Serum, plasma, whole blood	
	Sample Volume: 100μL(Serum, plasma), 150μL(whole blood)	
	Reaction time: 15 mins	
Cardiac Markers		
NT-proBNP	Measurement: 30-30000 pg/mL.	
	Sample: Serum, plasma, whole blood	
	Sample Volume: 100μL(Serum, plasma), 150μL(whole blood)	
	Reaction time: 10 mins	
D-Dimer	Measurement: 0.1~10 mg/L	
	Sample: Serum, plasma, whole blood	
	Sample Volume: 100μL(Serum, plasma), 150μL(whole blood)	
	Reaction time: 10 mins	
Diabetes Mellitus		
HbA1c	Measurement: 4-14%	
	Sample: whole blood	
	Sample Volume: 10μL	
	Reaction time: 10 mins	
COVID-19		
COVID-19 Neutralizing Antibody	Measurement: 5-1500 IU/mL	
	Sample: Serum, plasma, whole blood	
	Sample Volume: 20μL	
	Reaction time: 15 mins	
Others		
25-OH-VD	Measurement: 5~120 ng/L	
	Sample: Serum, plasma, whole blood	
	Sample Volume: 20μL	

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PURCHASER'S SPECIFICATION		**STATEMENT OF COMPLIANCE**
	Reaction time: 15 mins	
Ferritin	Measurement: 6~100 ng/L	
	Sample: Serum, whole blood, plasma	
	Sample Volume: 20µL	
	Reaction time: 10 mins	

B. Additional Requirements to be attached to Technical Specifications form arranged, numbered and tabbed as enumerated below:

1. Mobile Primary Care Facility (PCF) proposed floor layout with dimensions.
2. Mobile Primary Care Facility (PCF) layout showing the placing of the equipment, air conditioning units, benches, clean water tank, waste water tank, transfer switch, and generator set.
3. Product brochure(s) or technical data sheet(s) in Hard and Soft copies showing the technical specifications of the following in English language:
    a) Mini Bus
    b) Digital X-Ray Machine
    c) Ultrasound Machine
    d) Hematology Analyzer
    e) Chemistry Analyzer
    f) Binocular Microscope
    g) Clinical Centrifuge
    h) Hematocrit Centrifuge
    i) Reagent Refrigerator
    j) Handheld Electrolyte Analyzer
    k) Ophthalmoscope
    l) Examination Light
    m) Stethoscope
    n) Telemedicine
        - 12 Lead ECG
        - NIBP Cuff
        - Fingertip SPO2
        - Infrared forehead TEMP
        - Thermal Printer
        - Spirometer
        - Stethoscope
        - Digital Weighing Scale
        - Laser Printer
        - Urine Analyzer
        - White Blood Cell Analyzer
        - Hemoglobin Analyzer
        - Dry Biochemical Analyzer
        - Immunofluorescence Analyzer
    o) Air-conditioning unit
    p) Generator Set

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q) Manual transfer switch

4. Valid and current Certificate of Compliance with ISO 13485: Quality Management System Requirements for regulatory purposes in the name of the following equipment. The Certificate must be issued by an independent Certifying Body/Agency:
    a. Digital X-Ray Machine
    b. Ultrasound Machine
    c. Hematology Analyzer
    d. Chemistry Analyzer
    e. Binocular Microscope
    f. Clinical Centrifuge
    g. Hematocrit Centrifuge
    h. Reagent Refrigerator
    i. Handheld Electrolyte Analyzer
    j. Ophthalmoscope
    k. Examination Light
    l. Stethoscope
    m. Telemedicine
5. Valid Certificate of Distributorship (as first Tier Distributor) issued by the Manufacturer/s of the x-ray machine, ultrasound machine, hematology analyzer, chemistry analyzer, and telemedicine authorizing the bidder to sell/distribute the offered equipment.
6. In lieu of FDA, CMDR and CMDN except for Equipment under FDA Circular No. 2021-017 Subject: Reference List of Class A Medical Devices issued on August 12, 2021
    a) Distributorship Agreement with foreign manufacturer or Manufacturer's Certificate that the supplier/bidder is authorized distributor in the Philippines duly authenticated by the Philippine Territorial Consulate from the country of origin; OR in Apostille and
    b) Notarized Distributorship Agreement between the local Manufacturer/ Distributor Importer/ Wholesaler and the Bidder, And
    c) ISO Certificate -13485 of the Manufacturer (Photocopy of Authenticated copy) or any equivalent ISO Certification
7. Bidder's valid and current License to Operate (LTO) as a medical device distributor issued by the Philippine Food and Drug Administration.
8. Notarized Certificate from the manufacturer or local dealer of the vehicle:
    a) That the manufacturer has been manufacturing diesel engines and mini buses and/or medium duty trucks for the past twenty-five (25) years.
    b) That the vehicles are brand new, unused, not discontinued models and were not subjected to any product recall.
    c) That they have at least seventy (70) authorized servicing dealer nationwide.
9. The Bidder shall issue a Warranty Certificate from the Manufacturer/Dealer of the mini bus which shall include the following:
    a) The Mini Bus is covered with a warranty of three (3) years or 100,000 km, whichever comes first on parts and services.
    b) That the manufacturer/dealer shall either cause the repair or replacement of any item or part in the vehicle that is found to be defective in material or in workmanship

Republic of the Philippines Department of Health TECHNICAL SPECIFICATIONS			
Lot No. 1	**Supply, Delivery, Testing and Commissioning of Brand New Mobile Primary Care Facility (PCF)**	Quantity / Unit	**83 units**
Name of Manufacturer:		Country of Origin:	
Brand:			
Total ABC: **PhP830,000,000.00**			
PURCHASER'S SPECIFICATION		**STATEMENT OF COMPLIANCE**	

under normal use. The warranty period shall commence from the date of acceptance by the end-user after testing and commissioning.

c) Preventive maintenance schedule on the first 1,000 km and 5,000 km shall be free of labor cost in any authorized service provider of the Mini bus dealership.

d) That they shall provide mechanics and/or technicians that can perform on-site service and maintenance, provided that the end user will shoulder the travel expenses within the warranty period.

10. Warranty Certificate for two (2) years on the Mobile Primary Care Facility (PCF) body and interior components, medical equipment, and one (1) year for air conditioning units, generator set, manual transfer switch, and other accessories. The Supplier shall either repair or replace any item or part that is found to be defective in material or in workmanship under normal use. The warranty period shall commence from the date of acceptance by the end-user after testing and commissioning. The warranty certificate shall include the following:
    a) The bidder shall conduct the necessary corrective maintenance within fifteen (15) calendar days upon notification of equipment breakdown from the end-user.
    b) The bidder shall have the primary responsibility and accountability to ensure that in case of defects, the vehicle, equipment, instruments and/or peripherals are appropriately repaired or replaced and shall be in good working condition thereafter.

11. Sworn Statement using the prescribed form.

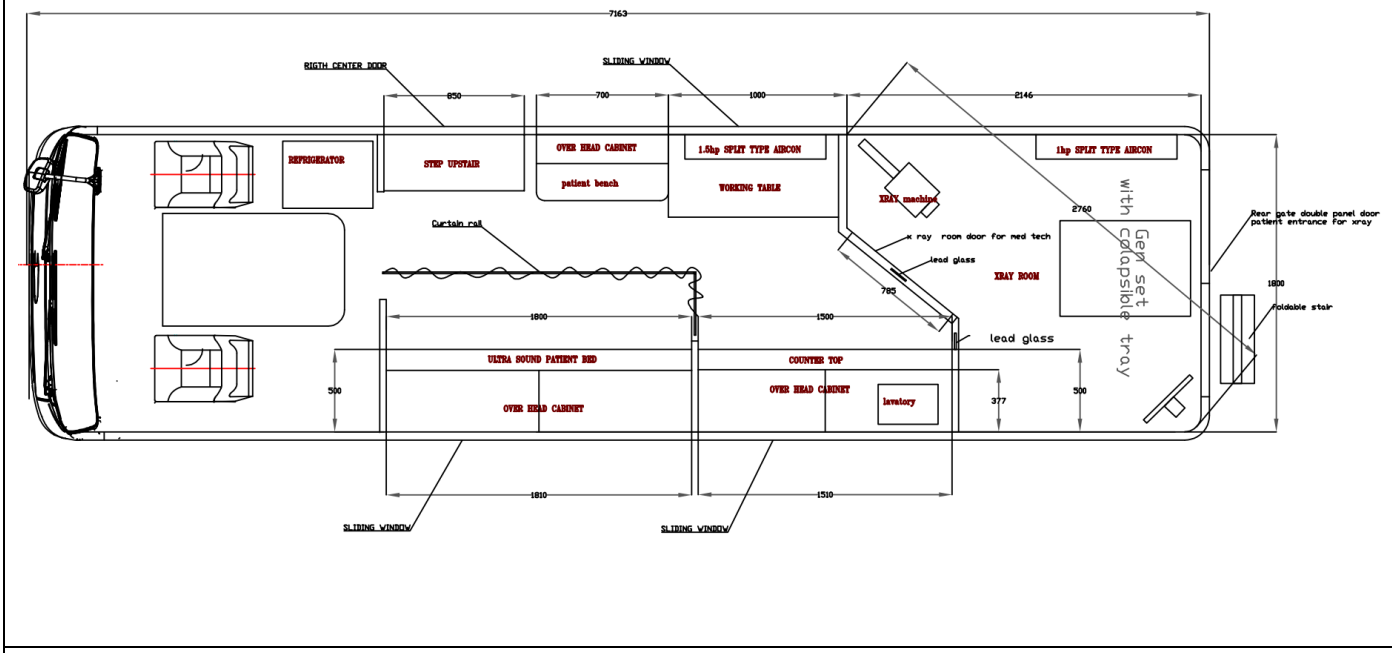
C. <u>Requirement/s if Declared the Single/Lowest Calculated Bid during Post-Qualification:</u>

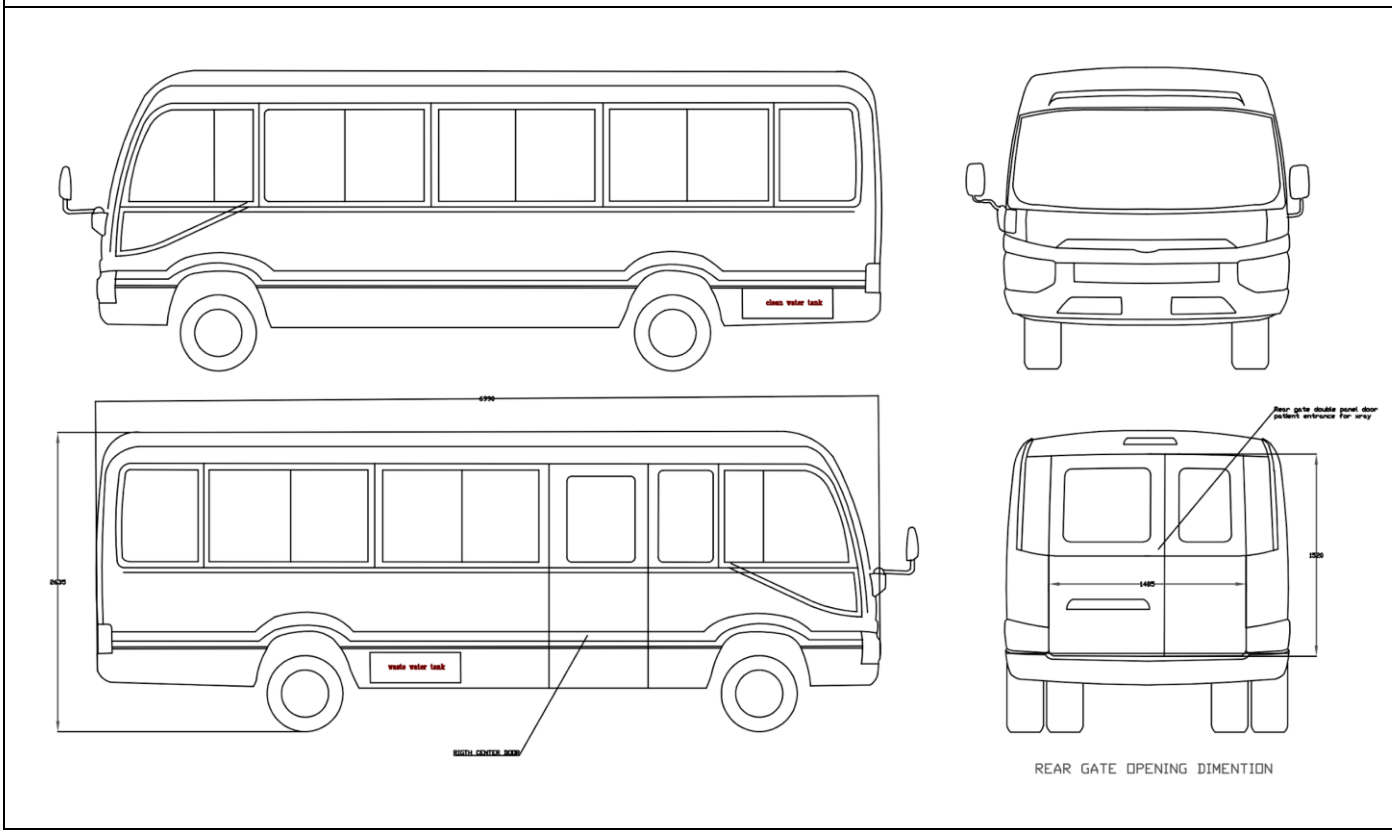
Site inspection in the bidder's facility to verify/validate the capability and capacity of the bidder to fabricate the Mobile Primary Care Facility (PCF). The inspection shall be conducted by the Technical Working Group (TWG). This requirement is not applicable if the facility is located outside the Philippines.

_____
Signature over Printed Name
[date of signing]
In the capacity of: *[title or other appropriate designation]*
Duly authorized to sign bid for and on behalf of: *[Name of Company]*
[Complete office address]
[Contact No.]
[Fax No.]
[Email Address]

ANNEX D-1

DESIGN





ANNEX D-2

MINI BUS STICKER DESIGN & SIZE

FRONT	BAGONG PILIPINAS Size: 155W x 30H (cm)
BACK	BACK  100W x 94H (cm) 30W x 73H (cm) 30W x 73H (cm)
SIDE	SIDES  Side top - 460W x 60H (cm) = 2pcs. Side front - 190W x 110H (cm) = 2pcs. Addl logo (D0H) – 30 x 30cm = 2pcs BAGONG PILIPINAS Body – 410W x 170H (cm) = 2pcs.

Section VIII. Checklist of Technical and Financial Documents

Checklist of Technical and Financial Documents Arranged numbered and tabbed as it appears below:

I. TECHNICAL COMPONENT ENVELOPE

Class "A" Documents

Legal Documents

☐ (a) Valid PhilGEPS Registration Certificate (Platinum Membership) (all pages) in accordance with Section 8.5.2 of the IRR.

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, the amount of which should be equivalent to at least *fifty percent (50%)* of the ABC for this Project, 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**

☐ (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; **and**

☐ (e) Conformity with the Schedule of Requirements and 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);

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

☐ (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.

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

☐ (i) *[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.

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

II. FINANCIAL COMPONENT ENVELOPE

☐ (a) Original of duly signed and accomplished Financial Bid Form; **and**

☐ (b) Original of duly signed and accomplished Price Schedule(s).

III. **ADDITIONAL DOCUMENTARY REQUIREMENTS TO BE ATTACHED IN THE TECHNICAL SPECIFICATIONS FORM:**

☐ (1) Mobile Primary Care Facility (PCF) proposed floor layout with dimensions.

☐ (2) Mobile Primary Care Facility (PCF) layout showing the placing of the equipment, air conditioning units, benches, clean water tank, waste water tank, transfer switch, and generator set.

☐ (3) Product brochure(s) or technical data sheet(s) in Hard and Soft copies showing the technical specifications of the following in English language:

a) Mini Bus
b) Digital X-Ray Machine
c) Ultrasound Machine
d) Hematology Analyzer
e) Chemistry Analyzer
f) Binocular Microscope
g) Clinical Centrifuge
h) Hematocrit Centrifuge
i) Reagent Refrigerator
j) Handheld Electrolyte Analyzer
k) Ophthalmoscope
l) Examination Light
m) Stethoscope
n) Telemedicine
   - 12 Lead ECG
   - NIBP Cuff
   - Fingertip SPO2
   - Infrared forehead TEMP
   - Thermal Printer
   - Spirometer
   - Stethoscope

- Digital Weighing Scale
- Laser Printer
- Urine Analyzer
- White Blood Cell Analyzer
- Hemoglobin Analyzer
- Dry Biochemical Analyzer
- Immunofluorescence Analyzer

o) Air-conditioning unit
p) Generator Set
q) Manual transfer switch

☐ (4) Valid and current Certificate of Compliance with ISO 13485: Quality Management System Requirements for regulatory purposes in the name of the following equipment. The Certificate must be issued by an independent Certifying Body/Agency:

a) Digital X-Ray Machine
b) Ultrasound Machine
c) Hematology Analyzer
d) Chemistry Analyzer
e) Binocular Microscope
f) Clinical Centrifuge
g) Hematocrit Centrifuge
h) Reagent Refrigerator
i) Handheld Electrolyte Analyzer
j) Ophthalmoscope
k) Examination Light
l) Stethoscope
m) Telemedicine

☐ (5) Valid Certificate of Distributorship (as first Tier Distributor) issued by the Manufacturer/s of the x-ray machine, ultrasound machine, hematology analyzer, chemistry analyzer, and telemedicine authorizing the bidder to sell/distribute the offered equipment.

☐ (6) In lieu of FDA, CMDR and CMDN except for Equipment under FDA Circular No. 2021-017 Subject: Reference List of Class A Medical Devices issued on August 12, 2021

a) Distributorship Agreement with foreign manufacturer or Manufacturer's Certificate that the
supplier/bidder is authorized distributor in the Philippines duly authenticated by the Philippine Territorial Consulate from the country of origin; OR in Apostille and
b) Notarized Distributorship Agreement between the local Manufacturer/ Distributor Importer/ Wholesaler and the Bidder, And
c) ISO Certificate -13485 of the Manufacturer (Photocopy of Authenticated copy) or any equivalent ISO Certification

☐ (7) Bidder’s valid and current License to Operate (LTO) as a medical device distributor issued by the Philippine Food and Drug Administration.

☐ (8) Notarized Certificate from the manufacturer or local dealer of the vehicle:

a) That the manufacturer has been manufacturing diesel engines and mini buses and/or medium duty trucks for the past twenty-five (25) years.

b) That the vehicles are brand new, unused, not discontinued models and were not subjected to any product recall.
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b) The bidder shall have the primary responsibility and accountability to ensure that in case of defects, the vehicle, equipment, instruments and/or peripherals are appropriately repaired or replaced and shall be in good working condition thereafter.

☐ (11) Sworn Statement using the prescribed form.

Note:

1) Please refer to **https://doh.gov.ph/sites/default/files/basic-page/COBAC-Sample-Forms.pdf** for the following requirements:
   a) Sworn Statement;
   b) Computation of NFCC;
   c) Manufacturer's Authorization;
   d) Secretary's Certificate;
   e) Special Power of Attorney;
   f) Statement of Ongoing Contracts; and
   g) Statement of SLCC.

2) For the following requirements, please refer to **GPPB Resolution No. 16-2020:**
   a) Bid Form;
   b) Price Schedule;
   c) Bid Securing Declaration; and
   d) Omnibus Sworn Statement


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