

PHILIPPINE BIDDING DOCUMENTS

Supply and Delivery of Mobile Clinic for the Project TABANG

**Government of the Republic of the
Philippines**

**Sixth Edition
July 2020**

Preface

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

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

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

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

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

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

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Glossary of Acronyms, Terms, and Abbreviations

ABC – Approved Budget for the Contract.

BAC – Bids and Awards Committee.

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

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

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

BIR – Bureau of Internal Revenue.

BSP – Bangko Sentral ng Pilipinas.

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

CDA - Cooperative Development Authority.

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

CIF – Cost Insurance and Freight.

CIP – Carriage and Insurance Paid.

CPI – Consumer Price Index.

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

DTI – Department of Trade and Industry.

EXW – Ex works.

FCA – “Free Carrier” shipping point.

FOB – “Free on Board” shipping point.

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

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

GFI – Government Financial Institution.

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

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

GOP – Government of the Philippines.

GPPB – Government Procurement Policy Board.

INCOTERMS – International Commercial Terms.

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

LGUs – Local Government Units.

NFCC – Net Financial Contracting Capacity.

NGA – National Government Agency.

PhilGEPS - Philippine Government Electronic Procurement System.

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

PSA – Philippine Statistics Authority.

SEC – Securities and Exchange Commission.

SLCC – Single Largest Completed Contract.

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

UN – United Nations.

Section I. Invitation to Bid



Republic of the Philippines
BANGSAMORO AUTONOMOUS REGION IN MUSLIM MINDANAO
BIDS AND AWARDS COMMITTEE
OFFICE OF THE CHIEF MINISTER

Bangsamoro Government Center, Governor Gutierrez Avenue, Rosary Heights VII, Cotabato City 9600

INVITATION TO BID
Supply and Delivery of Mobile Clinic for the Project
TABANG

IB No.:

1. The Office of the Chief Minister, Bangsamoro Autonomous Region in Muslim Mindanao (OCM-BARMM), through the General Appropriations Act for the Bangsamoro 2021 intends to apply the sum of **Twenty-One Million Pesos (PHP 21,000,000.00)** being the Approved Budget for the Contract (ABC) to payments under the contract for the Supply and Delivery of Mobile Clinic of Project-TABANG.

Bids received in excess of the ABC shall be automatically rejected at bid opening.

2. The OCM-BARMM now invites bids for the **Supply and Delivery of Mobile Clinic for the Project-TABANG**. Delivery of the Services is specified in Section VI. Schedule of Requirements. Bidders should have completed, within three years from the date of submission and receipt of bids, a contract similar to the Project. The description of an eligible bidder is contained in the Bidding Documents, particularly, in Section II (Instructions to Bidders).
3. Bidding will be conducted through open competitive bidding procedures using a non-discretionary "pass/fail" criterion as specified in the 2016 revised Implementing Rules and Regulations (IRR) of Republic Act (RA) No. 9184.

Bidding is restricted to Filipino citizens/sole proprietorships, partnerships, or organizations with at least sixty percent (60%) interest or outstanding capital stock belonging to citizens of the Philippines, and to citizens or organizations of a country the laws or regulations of which grant similar rights or privileges to Filipino citizens, pursuant to RA No. 5183.

4. Prospective Bidders may obtain further information from OCM-BARMM and inspect the Bidding Documents at the address given below during 8:00 a.m.-5:00 p.m. during office hours.
5. A complete set of Bidding Documents may be acquired by interested Bidders on **September 16-October 6, 2021, 8:30 a.m.** from the given address and

website(s) below upon payment of the applicable fee for the Bidding Documents, in the amount of Twenty Thousand Pesos (PHP 20,000.00), pursuant to the latest Guidelines issued by the GPPB. The Procuring Entity shall allow the bidder to present its proof of payment for the fees in person.

6. The OCM-BARMM will hold a **Pre-Bid Conference¹ on September 23, 2021, 9:00 a.m. at Bajau Hall, 2F OCM Building, Bangsamoro Government Center, Cotabato City**, which shall be open to prospective bidders.
7. Bids must be duly received by the BAC Secretariat through manual submission at the office address indicated below, **on or before October 6, 2021, 8:30 a.m.** 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 October 6, 2021, 9:00 a.m.** at the given address below. Bids will be opened in the presence of the bidders' representatives who choose to attend the activity.
10. The OCM-BARMM reserves the right to reject any and all bids, declare a failure of bidding, or not award the contract at any time prior to contract award in accordance with Sections 35.6 and 41 of the 2016 revised IRR of RA No. 9184, without thereby incurring any liability to the affected bidder or bidders.
11. For further information, please refer to:

*Bids and Awards Committee Secretariat
Office of the Chief Minister
2F Office of the Chief Minister, Bangsamoro Government Center,
Bangsamoro Government Center, Gov. Gutierrez Ave.,
Rosary Heights VII, Cotabato City
Tel. No. (064) 552-1053
0917-831-7214*

12. You may visit the following websites:

For downloading of Bidding Documents:

<https://bangsamoro.gov.ph/transparency/bids-and-awards-committee/#ITB>

September 15, 2021

Sgd.
SHA ELIJAH B. DUMAMA-ALBA
Chairperson, Bids and Awards Committee

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

Section II. Instructions to Bidders

Notes on the Instructions to Bidders

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

1. Scope of Bid

The Procuring Entity, OCM-BARMM, wishes to receive Bids for the Supply and Delivery of Mobile Clinic for the Project-TABANG with identification number _____.

The Procurement Project (referred to herein as “Project”) is composed of one 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 GAAB 2021 in the amount of PHP 21,000,000.00.

2.2. The source of funding is:

a. NGA, the General Appropriations Act or Special Appropriations.

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 or Bidders found to be legally, technically, and financially capable will be evaluated.
- 5.2. Foreign ownership limited to those allowed under the rules may participate in this Project.
- 5.3. Pursuant to Section 23.4.1.3 of the 2016 revised IRR of RA No.9184, the Bidder shall have an SLCC that is at least one (1) contract similar to the Project the value of which, adjusted to current prices using the PSA's CPI, must be at least equivalent to:
 - a. For the procurement of 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.

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 as indicated in paragraph 6 of the **IB**.

9. Clarification and Amendment of Bidding Documents

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

10. Documents comprising the Bid: Eligibility and Technical Components

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

11. Documents comprising the Bid: Financial Component

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

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 Declaration² or any form of Bid Security in the amount indicated in the **BDS**, which shall be not less than the percentage of the ABC in accordance with the schedule in the **BDS**.

² In the case of Framework Agreement, the undertaking shall refer to entering into contract with the Procuring Entity and furnishing of the performance security or the performance securing declaration within ten (10) calendar days from receipt of Notice to Execute Framework Agreement.

- 14.2. The Bid and bid security shall be valid until *120 Calendar days from submission*. 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, *{[Include if Framework Agreement will be used:]}* or in the case of multi-year Framework Agreement, that it is one of the eligible bidders who have submitted bids that are found to be technically and financially compliant,}the Bidder shall submit its latest income and business tax returns filed and paid through the BIR Electronic Filing and Payment System (eFPS) and other appropriate licenses and permits required by law and stated in the **BDS**. *{[Include if Framework Agreement will be used:]}* For every mini-competition in Framework Agreement, the LCB shall likewise submit the required documents for final Post Qualification.}

21. Signing of the Contract

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

Section III. Bid Data Sheet

Notes on the Bid Data Sheet

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

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

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

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

Bid Data Sheet

ITB Clause	
3	<p>Bidders should comply with the prescribed Bidding forms specified in GPPB Circular 04-2020, GPPB Resolution 16-2020, and the Bidding Documents.</p> <p>Bids not addressing or providing all the required items in the above documents shall be considered non-responsive and, thus, automatically disqualified.</p>
5.3	<p>For this purpose, contracts similar to the Project shall be:</p> <ol style="list-style-type: none"> a. Contract for the supply and delivery of mobile clinic or any other related motor vehicles; and b. completed within three years prior to the deadline for the submission and receipt of bids.
7.1	<i>Not applicable.</i>
10.1	The first envelope shall contain the eligibility and technical documents of the Bid as specified in Section IX. Checklist of Technical and Financial Documents arranged and tabbed. Failure of the bidder to do so shall be a ground for the rejection of its bid.
11.1	The second bid envelope shall contain the financial documents for the Bid as specified in Section IX. Checklist of Technical and Financial Documents arranged and tabbed. Failure of the bidder to do so shall be a ground for the rejection of its bid.
12	The price of the Goods shall be quoted in Philippine Peso.
14.1	<p>The bid security shall be in the form of a Bid Securing Declaration, or any of the following forms and amounts:</p> <ol style="list-style-type: none"> a. The amount of not less than _____ <i>[Indicate the amount equivalent to two percent (2%) of ABC]</i>, if bid security is in cash, cashier's/manager's check, bank draft/guarantee or irrevocable letter of credit; or b. The amount of not less than _____ <i>[Indicate the amount equivalent to five percent (5%) of ABC]</i> if bid security is in Surety Bond.
15	Each Bidder shall submit six (6) certified true copies of its Technical and Financial documents certified by the owner or its duly authorized representative whose full name and designation should be indicated below the signature.

	<p>With respect to the documents that are required by the PBD 6th edition to be original should be originally signed by the bidder or its duly authorized representative.</p> <p>Each bidder shall submit its bid proposal to a one mother envelope that shall contain 6 more envelopes containing six copies of its technical and financial documents. Each of the six envelopes shall contain two more envelopes labeled as technical and financial component. The envelopes must be properly and separately marked and sealed.</p>
19.3	<i>Not applicable.</i>
20.2	<i>Not applicable.</i>

Section IV. General Conditions of Contract

Notes on the General Conditions of Contract

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

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

Any complementary information, which may be needed, shall be introduced only through the Special Conditions of Contract.

1. Scope of Contract

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

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

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

2. Advance Payment and Terms of Payment

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

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

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

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

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

3. Performance Security

Within ten (10) calendar days from receipt of the Notice of Award by the Bidder from the Procuring Entity but in no case later than prior to the signing of the Contract by both parties, the successful Bidder shall furnish the performance security in any of the forms prescribed in Section 39 of the 2016 revised IRR of RA No. 9184. *[Include if Framework Agreement will be used:] In the case of Framework Agreement, the Bidder may opt to furnish the performance security or a*

Performance Securing Declaration as defined under the Guidelines on the Use of Framework Agreement.}

4. Inspection and Tests

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

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

5. Warranty

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

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

6. Liability of the Supplier

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

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

Section V. Special Conditions of Contract

Notes on the Special Conditions of Contract

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

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

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

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

Special Conditions of Contract

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

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

Spare Parts -

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

Select appropriate requirements and delete the rest.

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

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

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

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

Packaging -

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

	<p>destination and the absence of heavy handling facilities at all points in transit.</p> <p>The packaging, marking, and documentation within and outside the packages shall comply strictly with such special requirements as shall be expressly provided for in the Contract, including additional requirements, if any, specified below, and in any subsequent instructions ordered by the Procuring Entity.</p> <p>The outer packaging must be clearly marked on at least four (4) sides as follows:</p> <p>Name of the Procuring Entity Name of the Supplier Contract Description Final Destination Gross weight Any special lifting instructions Any special handling instructions Any relevant HAZCHEM classifications</p>
	<p>A packaging list identifying the contents and quantities of the package is to be placed on an accessible point of the outer packaging if practical. If not practical the packaging list is to be placed inside the outer packaging but outside the secondary packaging.</p> <p>Transportation –</p> <p>Where the Supplier is required under Contract to deliver the Goods CIF, CIP, or DDP, transport of the Goods to the port of destination or such other named place of destination in the Philippines, as shall be specified in this Contract, shall be arranged and paid for by the Supplier, and the cost thereof shall be included in the Contract Price.</p> <p>Where the Supplier is required under this Contract to transport the Goods to a specified place of destination within the Philippines, defined as the Project Site, transport to such place of destination in the Philippines, including insurance and storage, as shall be specified in this Contract, shall be arranged by the Supplier, and related costs shall be included in the contract price.</p>

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

Section VI. Schedule of Requirements

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

Lot 1. Supply and Delivery of Mobile Clinic

<i>Item No.</i>	<i>Description</i>	<i>Quantity</i>	<i>Unit</i>	<i>Delivered Weeks/Days</i>
1	<p>One (1) unit Mobile Clinic</p> <p>Engine: 4Hk1-TCN</p> <ul style="list-style-type: none"> • Type: 4-Cylinder, Turbo-Intercooler, Common-Rail Direct injection, blue power Diesel Engine. • Bore and stroke: 0115 x 125 • Displacement: 5,193 • Max Output KW (PS)/rpm: 114(155.0) / 2600 • Max Torque N-m (kg-m) rpm: 419(42.0) / 1,600-2,600 <p>Fuel Tank Capacity: 100 liters</p> <p>Transmission</p> <ul style="list-style-type: none"> • Manual: MYY6S • Final Gear Ratio: 5.571 <p>Tire and Wheel</p> <ul style="list-style-type: none"> • Tire: 7.50-16-14PR • Number of tires: 7 (seven) Including Spare Tire <p>Brake</p> <ul style="list-style-type: none"> • Service: Drum Type, Hydraulic • Auxiliary: Exhaust Brake • Parking: Center Brake <p>Suspension</p> <ul style="list-style-type: none"> • Front and Rear: Multi-Leaf Spring <p>Electrical System</p> <ul style="list-style-type: none"> • Battery: 80d26L x 2 <p>Convenience</p> <ul style="list-style-type: none"> • Audio: Tuner Radio with USB, 2 Speakers (Optional) • Air-Conditioning System: Equipped (Optional) 			<p>Within 90 calendar days upon receipt of NTP</p>

- Cab Window: Power Window
- Cab Door: Auto Door Lock

20 ft Customized Mobile Clinic

Cab & Chassis: (18 – footer; 6 – Wheeler Truck Specification)

Customization description:

Dimension: 20 feet length x 7 feet height. Composed og tubular galvanize Iron, and aluminum composite panel board with canopy.

Package includes the following:

- Customized Clinics/Rooms
- 1 split type air condition
- 1 window type air condition
- Comfort room
- Personal refrigerator
- 20 – meters royal cable wire
- Doors and window
- Electrical paintings and design
- 1 piece’s emergency light
- 1 unit canister type fire distinguisher for all kind of fire
- LED TV
- Upholstery chair with cabinet
- Clearance light
- Wind breaker
- Balancer
- Negative pressure exhaust system with heap – filter
- Installation of medical equipment
- 8KVA Diesel Generator

Electrical wiring:

- Lay out for X- ray 220 volts, lighting and receptacles power outlets
- Main power box for breaker distribution
- Connecting power cable, 20 meters for AC line and sub-meter

	<ul style="list-style-type: none"> ➤ Walling and partition - ¼ mm thick aluminum composite with galvanized frame ➤ Working table ➤ Finishing: <ul style="list-style-type: none"> • All ceiling and walls are finished aluminum composite • Flooring finished with vinyl <p>Working tabletop finished cabinets finished with paint.</p>		
	<p>Clinical Centrifuge:</p> <ul style="list-style-type: none"> • Maximum RPM: Fixed Angle 5000 rpm : Swing Out 5000 rpm • Maximum RCP : Fixed Angle 3983xg : Swing out 4218xg • Maximum Capacity : Fixed Angle 10x50ml/c50ml,24x15ml : Swing out 4x100ml,4x2c50ml,4x8 vacutainer tubes, 2x2 MTPs • ACC/DEC Ramps: 9/10 ramps • Temp. Range Degree Celsius: - 10 Degrees Celsius to 40 Degree Celsius • Time control: time<10hr, pulse or continues • Time counting: Selectable at set speed or from starting • Program memory: 100 • Imbalance cutoff/tracking: Yes • Rotor Identification: Automatic • Dimension WxD Xh,mm: 585x551x317 • Height with open lead (Inc. a wheel): 705 • Weight without a rotor: 65kg • Power requirement: 900VA <p>Power input (V, H2): 210v – 240v,50/60hz (110v optional)</p>		
	<p>Biological Microscope</p> <ul style="list-style-type: none"> • Optical system CFI optical system • Magnification 40-1500x • Illumination 6V – 20W halogen lamp, FL (field lens) unit, lamp changeable by removing the field lens unit 		

- Coarse and fine focusing coaxial coarse/fine focusing with cross roller guide incorporated, 22mm coarse /fine focusing range,
Coarse motion: 37.7mm/rotation, Fine motion; 0.2 mm/rotation with 2µm scale increments, coarse motion torque adjustable.

Eyepiece tube: E2 – TB binocular tube (inclination: 30°,360° rotatable Siedentop – type, interpupillary distance: 47- 75) E2 – TF trinocular tube F (2 – way inclination: 30°, 360°

Automated Chemistry Analyzer

- Test throughout (Theoretical Max): 65 test/hour for photometry test only 180 test/hour for ISE test only up to 100 test/hour for mixed requests
- Number of Channels (Reagents Slots): 27 slots (or approximately 14 assays) per reagent disk, up to 8 disks 3 channels on ISE module
- Programmable Parameters: Maximum 25 photometric with software ver 1.0 3 ISE tests, 10 profiles
- Sample Types: Serum, plasma, urine, whole blood (Hba1c)
- Sample Input (Sample Disk):
 - Load capacity: 8 positions, continuous loading
 - STAT: Real Stat interrupt is available operation
 - Continuous operation: Additional sample setting during
 - Sample cooling: Not available
- Sample volume: 2.0 – 16.5 µL in 0.25 µL steps
- Sample Dilution: 1.5 – 100 times
- Sample Clot Detection: Not available
- Minimum Sample:
 - Primary tubes: 500 µL
 - Sample cup: 40µL
 - Micro cup: 40µL
- System Interfaces: RS 232 serial interface, bi – directional
- Sample Data Base: 300 test results
- QC Analysis: QC history provides QC results of previous 60 days Graphic analysis of results over time
- Rerun: Manual rerun with predefined dilution
- Electrical Requirements: Power requirements: 100 - 125V and 200 – 240V (-15% to + 10 %) 250 VA (320 VA with ISE)

- Frequency: 50 Hz or 60 Hz±0.5%
- Water/Waste Requirements:
 - Minimum Reagent: Reagent grade NCCLS Type II
 - Recommended: Reagent Grade NCCLS Type 1
 - Water consumption: 2.5 – 3.0 L/day
 - Water temperature: 15°- 32°C
 - Biohazard's waste: Separate container
 - Operating conditions:
 - Ambient temperature: 15°- 32° C
 - Ambient humidity: 30 – 80% (RH, without condensation)
 - Heat output: Maximum 320 W/hr. or 270 Kcal/hr.
 - Noise output: <60 dB
 - Physical Dimensions:
 - Width: 28.4 in (720 mm)
 - Depth: 21.7 in (550 mm)
 - Height: 18.9 in (480 mm)
 - Weight: 85.1 lbs. (38.6 kg)

REAGENTS TO BE INCLUDED:

- GLUCOSE - 5 kits
- SGPT -5 kits
- SGOT - 5 kits
- CHOLESTEROL - 5 kits
- TRIGLYCERIDE - 5 kits
- HDL - 5 kits
- CREATININE - 5 kits
- URIC ACID - 5 kits
- UREA - 5 kits

HEMATOLOGY REAGENTS:

- HEMAQUICK/WRIGHTS STAIN (3 boxes)
- URINE STRIPS (5 PARAMETERS) (10 boxes)
- URINE STRIPS (10 PARAMETERS) (10 boxes)
- WBC PIPETTE (20 pcs)
- TOURNIQUET (20 pcs)
- RUBBER TUBBING (10 meters)
- SLIDES (100 boxes)
- PLAIN TUBES (3000 pcs)
- RED TOP (3000 pcs)
- EDTA ADULT (3000 pcs)
- MICROTAINIER (3000 pcs)

	<ul style="list-style-type: none"> ➤ METHANOL (5 bottles) ➤ HEMACYTOMETER (3 pcs) ➤ COUNTING CHAMBER (2 pcs) ➤ TEST TUBE RACK (3 pcs) ➤ COVER SLIPS (3 boxes) ➤ VIALS (6000 pcs) ➤ DILUENT (CHEM ANALYSIS) (10 boxes) ➤ DILUENT (HEMA ANALYSIS) (10 boxes) ➤ LYSE (CHEM ANALYSIS) (10 boxes) ➤ LYSE (HEMA ANALYSIS) (10 boxes) ➤ CLEANER (CHEM ANALYSIS) (10 boxes) ➤ NORMAL AND PATHO CONTROL (CHEM ANALYSIS) (3 sets per control) ➤ NORMAL AND PATHO CONTROL (HEMA ANALYSIS) (3 sets per control) ➤ CLEANER (HEMA ANALYSIS) (10 boxes) ➤ CAPILLARY TUBES (20 boxes) ➤ OIL IMMERSION (2 bottles) ➤ ANTI A/B 2X 10 ml anti sera (5 per anti sera) ➤ ANTI D 1x 10ml (5 per anti sera) ➤ YELLOW TIPS (10 packs) ➤ BLUE TIPS (10 packs) ➤ SYRINGE 5CC (100 boxes per cc) ➤ SYRINGE 10 CC (100 boxes per cc) ➤ LANCETS (50 boxes) 			
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	<p>HEMATOLOGY/CBC ANALYZER:</p> <ul style="list-style-type: none"> • Mode of Operation: Open vial sampling • Throughput: 60 samples per hour • Menu/Test Parameters: <ul style="list-style-type: none"> ➤ WBC, RBC, HGB, HCT, MCV, MCH, MCHC, RDW-SD, RDW-CV, PLT, MPV, LY%, LY#, MO%, MO#, NE%, N E#, EO#, EO%, BA%, BA#, 21 PARAMETERS • Sample Volume: 12µL of venous or micro – collected whole blood 20µL of whole blood for pre- dilute analysis. • User interface: <ul style="list-style-type: none"> ➤ Touch screen handheld barcode reader with software update via USB QA. With Repeatability, Carryover, Calibration, XB, XM. LIS Capable/Ready • Power Requirements: 			
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	<ul style="list-style-type: none"> ➤ 100 – 240 VAC,50/60 Hz, Single phase with ground • Methodology: Impedance method • WBC Differential Count using optical/impedance AND LIGHT Absorbance • Power consumption: Less than 120W • Noise Specifications: Less than 80 dBa • Atmospheric pressure: 700 – 1,060mbar • Operational Ambient Temperature: 18 - 32°C (64.4 – 89.6 °F) humidity 80% relative humidity (non – condensing) at 32°C (89.6 °F) Altitude Up to 3000 meters (9842.5 feet) • REAGENTS: <ul style="list-style-type: none"> ➤ DxH 500 Lyse 500mL ➤ DxH 500 Cleaner 500ML ➤ DXh 500 Diluent 10 L • External Storage – USB: USB 2.0 compatible • LIS: Supports Serial (RS – 232) and Ethernet communication • Printer: Optional USB PCL 6 – compatible printer • Data storage: 30,000 patient results including graphics, flags, codes, and messages 12 control files, each with a maximum of 100 runs. • Languages (coming soon): English, French, German, Italian, Japanese, Polish, Portuguese, Slovak, Spanish • Weight and Dimensions: <ul style="list-style-type: none"> ➤ Depth: 430mm (17 in.) ➤ Width: 270 mm (11 in.) ➤ Height: 406 mm (16 in) ➤ Weight: 11.4 kg (25.1 lbs.) 		
	<p>ECG MACHINE</p> <ul style="list-style-type: none"> • AC Main power supply: AC mains with external battery charger 230V±10% 50/60 Hz (optional) • Battery: Rechargeable battery pack NiMH 8x1.2 Vdc: 1500 mAh • Applied part: CF type • Defibrillation protection: Internal • Input dynamic: ±Mv @ 0 Hz. ±5mV in pass band • Input impedance: 100 M on each electrode • Common mode rejection: 100 dB • Frequency response: 0.05 150 Hz (- 3 dB) 		

	<ul style="list-style-type: none"> • Time constant: 3.3s • Leads: 12 leads standard or Cabrera • Signal Memory: 10 s for each lead in auto isochronous • Recording sensitivity: Manual: 2.5-5-10-20mm/mV±5% Automatic: depending on number of printed leads • Wiring system: Thermal printer at 8 dot/mm • Print channels: 1,2,2+R,3and 6*(*only in manual mode) • Paper speed: 10-12.5-25-50 mm/s • Thermal paper: roll: length 18m, page 60x 75mm, gridded Z-fold: length 18m, page 60x 75 mm, gridded. • Pacemaker detection: Detects pulse in accordance with current IEC standards, • Filters: Main's interference: modified digital notch filter 50-60 Hz • Serial interface: Bluetooth class 1, USB (service) • Keyboard: Soft touch with 15 function keys. • Displays: Visualization of the 12 ECG channels, functional parameters, HR (30 - 300), inc signal check, graphic color LCD TFT, 3.5" resolution 320 (RGB) X 240, color depth 24bit, technology type a-Si, actual area (mm) 70.08 x 52.56, 6 LED backlight • Interpretation program: Parameter calculation, ECG interpretation • Operating modes: <ul style="list-style-type: none"> ➢ Manual: acquisition and printing in real time ➢ Automatic: Simultaneous acquisition ➢ Autotimer: Simultaneous acquisition at programmable intervals ➢ Paper Saving: acquisition and automatic (optional) ➢ Archiving without printing (optional) • Autonomy: Internal battery: 3 hours in 1 channel mode • Recharging time: Internal battery: 14 hours to 100% • Dimensions: 250X60X185 mm (length X height X depth) • Weight: 1000 grams without paper 		
	<p>Dental Chair</p> <ul style="list-style-type: none"> • <u>1 Set Dental Chair</u> • Portable Dental Clinic Folding Chair with Led Light Turbine System, water system Supply Tray Dental Equipment 		

- 1h compressor
- Dental Surgery Instruments
 - Extraction Forceps #16
 - Extraction Forceps #17
 - Extraction Forceps #18L
 - Extraction Forceps #18R
 - Extraction Forceps #44
 - Extraction Forceps #69
 - Extraction Forceps #150
 - Extraction Forceps #115
 - Aspirating Syringe
 - Minnesota retractor
 - Bone File
 - Bone Curette
 - Gum Separator
 - Seldin Retractor
 - Root Tip Pick STR
 - Root Tip Pick Left
 - Root Tip Pick right
 - Blade handle #3
 - Elevator #301
 - Elevator #304
 - Surgical Mallet
 - Iris Scissors Str
 - Tissue Forceps
 - Molt
 - Hemostat Cvd
 - Hemostat Str
 - Chisel
 - Periosteal Elevator
 - Bone Ronguer
 - Allis Tissue
 - Needle Holder
 - Elevator Left #302
 - Elevator Right #303
 - Crossbar Left
 - Crossbar Right

500 mA Digital X- ray Machine

Power source: single/three phase

Rating: 40kW or higher

Line Power: 230V 480V3, ±10 % (Frequency: 50/60 Hz)

- kV Range/tube voltage: 40-150 kVp
- mA range /tube current: 500 mA
- mAs range: 0.1 to 500 mAs
- Timer Range: 0.001 to 10 sec, 38 steps

- Anatomical programs: User programmable max 1280 programs with APR utility software (including Bucky & AEC selection)
- Rotor supply: Low/Dual speed
- Technique selection: 4 point display (kV, mA, Time, mAs)
x-ray ripple frequency: 30k Hz
Image receptors: 2 Bucky + 1 Non – Bucky
- Auxiliary power supply: External system – 110/230VAC, 1A,110/230W; Magnetic Lock – 28 VDC, 5A, 140W; Collimator Lamp – 24 VAC
- Reproducibility: Coefficient of Variation – kV < 0.005, time < 0.005, mAs < 0.01
Accuracy: kV<±(1%+1kV), mA <±(3% + 1 mA), Time < ±(1 % + 0.5ms), mAs < ±(3% + 0.1 mAs)
Linearity: Coefficient of Linearity < 0.01: CL = (X1 - X2)/(X1+ X2), where X is mR/mAs

X – ray tube:

- Focal Spot Size: 0.6/1.5mm
- Rating (0.1s): 22.5/47kW@60Hz
- Max. anode HU: 140Khu (100k)
- Target Angle: 12°
- Max Kv: 125 kV
- Weight: 16kg (35.3/55.1lbs)
- Inherent Filtration: 0.6 – 1.3 mmAl/75kV
- Additional Filtration: 0.5 mmAl
- Half Value Layer: More than 2.9 mmAl eq. at 80kVp
- Leakage Radiation: Less than 100 mR/hr

Collimation

- Control: Manual with 30sec. lamp timer
- Field Shape: Rectangular
- Max. Field Size: More than 43x43cm (17x17inch) at 100cm SID
- Leakage Radiation: Less than 100mR/hr
- Max. kVp shield: 150kV
- Inherent Filtration Min. 2.0mmAl eq.
- Luminosity: Over 160LUX at 100cm SID
- Light Source: Single LED
- Standard: Tape measure, rotating flange; Auto collimation/Auto filter selection
- Option: Line laser, near port shutters; Tape measure, line laser, rotating flange
- Electrical Rating: 20-30VaC, 30VA,50/6Hz; 24Vac, 6.3A, 50/60Hz

X- ray Tube support Assembly

Floor Mounting

- Tube stroke: Vertical: 2185mm (342~1,974mm from floor to focus)
- Lock (Brake): EM Lock, Switch on/off
- Balance: Counterweight
- Electrical Rating: 24VDC, 3A; 100-240VAC, 160 VAC, 50/60 Hz
- Dimension Weight: 1565 (H) x 740(W) mm x 775(D)/115kg (253lbs)
- Vertical Movement: Manual and Motorized

Automatic Exposure Control

AEC ION CHAMBER

- Field: 3
- X – ray Energy Range: 40-150kV
- Dose Rate Range: 0.2 mV/mR-8kVmR
- Exposure Dose Range: 0.4-600mAs
- Inherent Filtration: 0.4 mm Al eq.
- Weight: 2kg (4.4lb)

VERTICAL WALLS STAND SPECIFICATIONS

- Cassette stroke: Vertical 1118mm (420~1960mm from floor to Bucky Center)
- Bucky Type: fixed Grid type/Oscillating
- Grid type; Removable Grid
- Tray type: Standard tray for;
- Tray size: 17"x17" (for 8"x10" to 17"x17" cassette)
- Rotating: Center reference
- Automatic connection for flat panel detector
- Fail safe function
- Grid: FD 150cm, 103 lpi, ratio 10:1
- Inherent Filtration: 0.5 mmAl at 100Kv
- Lock (Brake): EM Lock, Switch on/off
- Balance: Counter Weight
- Electrical Rating: 100-240VAC, `160VA50/60hz
- Dimension/Weight:1750 (H) x 740 (W) x 455 (D) mm/ 145kg (319lbs)

1 unit DR Flat Detector

- Wired/Wireless Capability
- Detector Material: GoS
- Light Weight: Not more than 2.6kg including battery
- Image size: Automatic sizing up to 14 "x17" (35cm x 43cm)
- Detector Matrix Size: 6 Megapixels
- Image Preview: less than 2 sec
- Pixel Pitch: 150um
- Acquisition depth: 16 bits
- TFT sensor on the front side of the scintillation layer
- Magnesium – alloy shell – type frame
- 2 units Rechargeable Battery
- DR cable at least 10 meters

- Battery Charger with at least 2 slots
- With internal memory allows detector – only image storage of up to 100 images
- IPX6 Waterproof rating including battery
- Up to 310kg load capacity
- Anti – bacterial coated

Acquisition Workstation

- At least 17-inch monitor
- Minimum i5 Processor (CPU)
- HDD: 500GB or more
- Memory: 4GB or more
- Image Storage of up to 4000 images (14 x 17 chest X- ray)
- Software for Patient Id entry, viewing processing of images and documentation
- Display of exposure, Target and Deviation indices
- Display of patient data and actual exposure technique factors used
- Image analysis tools (Distance Measurement, ROI Mean, Pixels Value (MPV) and PVSD measurement, Contrast adjustment
- Image processing Functionality (window/level adjustment, Reverse Contrast Mapping, Edge Enhancement)
- UPS

Section VII. Technical Specifications

Notes for Preparing the Technical Specifications

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

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

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

Sample Clause: Equivalency of Standards and Codes

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

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

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

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

Technical Specifications

Lot 1. Supply and Delivery of Mobile Clinic

<i>Item No.</i>	<i>Description</i>	<i>Quantity</i>	<i>Unit</i>	<i>State of Compliance</i>
1	<p>Mobile Vehicle / Clinic</p> <p>Engine: 4Hk1-TCN</p> <ul style="list-style-type: none"> • Type: 4-Cylinder, Turbo-Intercooler, Common-Rail Direct injection, blue power Diesel Engine. • Bore and stroke: 0115 x 125 • Displacement: 5,193 • Max Output KW (PS)/rpm: 114(155.0) / 2600 • Max Torque N-m (kg-m) rpm: 419(42.0) / 1,600-2,600 <p>Fuel Tank Capacity: 100 liters</p> <p>Transmission</p> <ul style="list-style-type: none"> • Manual: MYY6S • Final Gear Ratio: 5.571 <p>Tire and Wheel</p> <ul style="list-style-type: none"> • Tire: 7.50-16-14PR • Number of tires: 7 (seven) Including Spare Tire <p>Brake</p> <ul style="list-style-type: none"> • Service: Drum Type, Hydraulic • Auxiliary: Exhaust Brake • Parking: Center Brake <p>Suspension</p> <ul style="list-style-type: none"> • Front and Rear: Multi-Leaf Spring <p>Electrical System</p> <ul style="list-style-type: none"> • Battery: 80d26L x 2 <p>Convenience</p> <ul style="list-style-type: none"> • Audio: Tuner Radio with USB, 2 Speakers (Optional) • Air-Conditioning System: Equipped (Optional) • Cab Window: Power Window • Cab Door: Auto Door Lock 	1		

20 ft Customized Mobile Clinic

Cab & Chassis: (18 – footer; 6 – Wheeler Truck Specification)

Customization description:

Dimension: 20 feet length x 7 feet height. Composed of tubular galvanized Iron, and aluminum composite panel board with canopy.

Package includes the following:

- Customized Clinics/Rooms
- 1 split type air condition
- 1 window type air condition
- Comfort room
- Personal refrigerator
- 20 – meters royal cable wire
- Doors and window
- Electrical paintings and design
- 1 piece's emergency light
- 1 unit canister type fire distinguisher for all kind of fire
- LED TV
- Upholstery chair with cabinet
- Clearance light
- Wind breaker
- Balancer
- Negative pressure exhaust system with heap – filter
- Installation of medical equipment
- 8KVA Diesel Generator

Electrical wiring:

- Lay out for X- ray 220 volts, lighting and receptacles power outlets
- Main power box for breaker distribution
- Connecting power cable, 20 meters for AC line and sub- meter
- Walling and partition – ¼ mm thick aluminum composite with galvanized frame
- Working table
- Finishing:
 - All ceiling and walls are finished aluminum composite
 - Flooring finished with vinyl

	Working tabletop finished cabinets finished with paint.		
	<p>Clinical Centrifuge:</p> <ul style="list-style-type: none"> • Maximum RPM: Fixed Angle 5000 rpm : Swing Out 5000 rpm • Maximum RCP : Fixed Angle 3983xg : Swing out 4218xg • Maximum Capacity : Fixed Angle 10x50ml/c50ml,24x15ml : Swing out 4x100ml,4x2c50ml,4x8 vacutainer tubes, 2x2 MTPs • ACC/DEC Ramps: 9/10 ramps • Temp. Range Degree Celsius: - 10 Degrees Celsius to 40 Degree Celsius • Time control: time<10hr, pulse or continues • Time counting: Selectable at set speed or from starting • Program memory: 100 • Imbalance cutoff/tracking: Yes • Rotor Identification: Automatic • Dimension WxD Xh,mm: 585x551x317 • Height with open lead (Inc. a wheel): 705 • Weight without a rotor: 65kg • Power requirement: 900VA <p>Power input (V, H2): 210v – 240v,50/60hz (110v optional)</p>		
	<p>Biological Microscope</p> <ul style="list-style-type: none"> • Optical system CFI optical system • Magnification 40-1500x • Illumination 6V – 20W halogen lamp, FL (field lens) unit, lamp changeable by removing the field lens unit • Coarse and fine focusing coaxial coarse/fine focusing with cross roller guide incorporated, 22mm coarse /fine focusing range, Coarse motion: 37.7mm/rotation, Fine motion; 0.2 mm/rotation with 2µm scale increments, coarse motion torque adjustable. <p>Eyepiece tube: E2 – TB binocular tube (inclination: 30º,360º rotatable Siedentop – type, interpupillary distance: 47- 75) E2 – TF trinocular tube F (2 – way inclination: 30º, 360º</p>		

Automated Chemistry Analyzer

- Test throughout (Theoretical Max): 65 test/hour for photometry test only 180 test/hour for ISE test only up to 100 test/hour for mixed requests
- Number of Channels (Reagents Slots): 27 slots (or approximately 14 assays) per reagent disk, up to 8 disks 3 channels on ISE module
- Programmable Parameters: Maximum 25 photometric with software ver 1.0 3 ISE tests, 10 profiles
- Sample Types: Serum, plasma, urine, whole blood (Hba1c)
- Sample Input (Sample Disk):
 - Load capacity: 8 positions, continuous loading
 - STAT: Real Stat interrupt is available operation
 - Continuous operation: Additional sample setting during
 - Sample cooling: Not available
- Sample volume: 2.0 – 16.5 μL in 0.25 μL steps
- Sample Dilution: 1.5 – 100 times
- Sample Clot Detection: Not available
- Minimum Sample:
 - Primary tubes: 500 μL
 - Sample cup: 40 μL
 - Micro cup: 40 μL
- System Interfaces: RS 232 serial interface, bi – directional
- Sample Data Base: 300 test results
- QC Analysis: QC history provides QC results of previous 60 days Graphic analysis of results over time
- Rerun: Manual rerun with predefined dilution
- Electrical Requirements: Power requirements: 100 -125V and 200 – 240V (-15% to + 10 %) 250 VA (320 VA with ISE) Frequency: 50 Hz or 60 Hz \pm 0.5%
- Water/Waste Requirements:
 - Minimum Reagent: Reagent grade NCCLS Type II
 - Recommended: Reagent Grade NCCLS Type 1
 - Water consumption: 2.5 – 3.0 L/day
 - Water temperature: 15 $^{\circ}$ - 32 $^{\circ}$ C
 - Biohazard's waste: Separate container
- Operating conditions:
 - Ambient temperature: 15 $^{\circ}$ - 32 $^{\circ}$ C
 - Ambient humidity: 30 – 80% (RH, without condensation)
 - Heat output: Maximum 320 W/hr. or 270 Kcal/hr.
 - Noise output: <60 dB
- Physical Dimensions:
 - Width: 28.4 in (720 mm)
 - Depth: 21.7 in (550 mm)
 - Height: 18.9 in (480 mm)

- Weight: 85.1 lbs. (38.6 kg)

REAGENTS TO BE INCLUDED:

- GLUCOSE - 5 kits
- SGPT -5 kits
- SGOT - 5 kits
- CHOLESTEROL - 5 kits
- TRIGLYCERIDE - 5 kits
- HDL - 5 kits
- CREATININE - 5 kits
- URIC ACID - 5 kits
- UREA - 5 kits

HEMATOLOGY REAGENTS:

- HEMAQUICK/WRIGHTS STAIN (3 boxes)
- URINE STRIPS (5 PARAMETERS) (10 boxes)
- URINE STRIPS (10 PARAMETERS) (10 boxes)
- WBC PIPETTE (20 pcs)
- TOURNIQUET (20 pcs)
- RUBBER TUBBING (10 meters)
- SLIDES (100 boxes)
- PLAIN TUBES (3000 pcs)
- RED TOP (3000 pcs)
- EDTA ADULT (3000 pcs)
- MICROTAINIER (3000 pcs)
- METHANOL (5 bottles)
- HEMACYTOMETER (3 pcs)
- COUNTING CHAMBER (2 pcs)
- TEST TUBE RACK (3 pcs)
- COVER SLIPS (3 boxes)
- VIALS (6000 pcs)
- DILUENT (CHEM ANALYSIS) (10 boxes)
- DILUENT (HEMA ANALYSIS) (10 boxes)
- LYSE (CHEM ANALYSIS) (10 boxes)
- LYSE (HEMA ANALYSIS) (10 boxes)
- CLEANER (CHEM ANALYSIS) (10 boxes)
- NORMAL AND PATHO CONTROL (CHEM ANALYSIS) (3 sets per control)
- NORMAL AND PATHO CONTROL (HEMA ANALYSIS) (3 sets per control)
- CLEANER (HEMA ANALYSIS) (10 boxes)
- CAPILLARY TUBES (20 boxes)
- OIL IMMERSION (2 bottles)
- ANTI A/B 2X 10 ml anti sera (5 per anti sera)

- ANTI D 1x 10ml (5 per anti sera)
- YELLOW TIPS (10 packs)
- BLUE TIPS (10 packs)
- SYRINGE 5CC (100 boxes per cc)
- SYRINGE 10 CC (100 boxes per cc)
- LANCETS (50 boxes)

HEMATOLOGY/CBC ANALYZER:

- Mode of Operation: Open vial sampling
- Throughput: 60 samples per hour
- Menu/Test Parameters:
 - WBC,RBC,HGB,HCT,MCV,MCH,MCHC,RDW-SD,RDW-CV,PLT,MPV,LY%,LY#,MO%,MO#,NE%,NE#,EO#,EO%,BA%,BA#, 21 PARAMETERS
- Sample Volume: 12µL of venous or micro – collected whole blood 20µL of whole blood for pre- dilute analysis.
- User interface:
 - Touch screen handheld barcode reader with software update via USB QA. With Repeatability, Carryover, Calibration, XB, XM. LIS Capable/Ready
- Power Requirements:
 - 100 – 240 VAC,50/60 Hz, Single phase with ground
- Methodology: Impedance method
- WBC Differential Count using optical/impedance AND LIGHT Absorbance
- Power consumption: Less than 120W
- Noise Specifications: Less than 80 dBa
- Atmospheric pressure: 700 – 1,060mbar
- Operational Ambient Temperature: 18 - 32°C (64.4 – 89.6 °F) humidity 80% relative humidity (non – condensing) at 32°C (89.6 °F) Altitude Up to 3000 meters (9842.5 feet)
- **REAGENTS:**
 - DxH 500 Lyse 500mL
 - DxH 500 Cleaner 500ML
 - DXh 500 Diluent 10 L
- External Storage – USB: USB 2.0 compatible
- LIS: Supports Serial (RS – 232) and Ethernet communication
- Printer: Optional USB PCL 6 – compatible printer
- Data storage: 30,000 patient results including graphics, flags, codes, and messages 12 control files, each with a maximum of 100 runs.

- Languages (coming soon): English, French, German, Italian, Japanese, Polish, Portuguese, Slovak, Spanish
- Weight and Dimensions:
 - Depth: 430mm (17 in.)
 - Width: 270 mm (11 in.)
 - Height: 406 mm (16 in)
 - Weight: 11.4 kg (25.1 lbs.)

ECG MACHINE

- AC Main power supply: AC mains with external battery charger 230V±10% 50/60 Hz (optional)
- Battery: Rechargeable battery pack NiMH 8x1.2 Vdc: 1500 mAh
- Applied part: CF type
- Defibrillation protection: Internal
- Input dynamic: ±Mv @ 0 Hz. ±5mV in pass band
- Input impedance: 100 M on each electrode
- Common mode rejection: 100 dB
- Frequency response: 0.05 150 Hz (- 3 dB)
- Time constant: 3.3s
- Leads: 12 leads standard or Cabrera
- Signal Memory: 10 s for each lead in auto isochronous
- Recording sensitivity: Manual: 2.5-5-10-20mm/mV±5%
Automatic: depending on number of printed leads
- Wiring system: Thermal printer at 8 dot/mm
- Print channels: 1,2,2+R,3and 6>(*only in manual mode)
- Paper speed: 10-12.5-25-50 mm/s
- Thermal paper: roll: length 18m, page 60x 75mm, gridded Z-fold: length 18m, page 60x 75 mm, gridded.
- Pacemaker detection: Detects pulse in accordance with current IEC standards,
- Filters: Main's interference: modified digital notch filter 50-60 Hz
- Serial interface: Bluetooth class 1, USB (service)
- Keyboard: Soft touch with 15 function keys.
- Displays: Visualization of the 12 ECG channels, functional parameters, HR (30 – 300), inc signal check, graphic colour LCD TFT, 3.5" resolution 320 (RGB) X 240, colour depth 24bit, technology type a-Si, actual area (mm) 70.08 x 52.56, 6 LED backlight
- Interpretation program: Parameter calculation, ECG interpretation
- Operating modes:
 - Manual: acquisition and printing in real time
 - Automatic: Simultaneous acquisition

- Autotimer: Simultaneous acquisition at programmable intervals
- Paper Saving: acquisition and automatic (optional)
- Archiving without printing (optional)
- Autonomy: Internal battery: 3 hours in 1 channel mode
- Recharging time: Internal battery: 14 hours to 100%
- Dimensions: 250X60X185 mm (length X height X depth)
- Weight: 1000 grams without paper

Dental Chair

• **1 Set Dental Chair**

- Portable Dental Clinic Folding Chair with Led Light Turbine System, water system Supply Tray Dental Equipment
- 1h compressor
- Dental Surgery Instruments
 - Extraction Forceps #16
 - Extraction Forceps #17
 - Extraction Forceps #18L
 - Extraction Forceps #18R
 - Extraction Forceps #44
 - Extraction Forceps #69
 - Extraction Forceps #150
 - Extraction Forceps #115
 - Aspirating Syringe
 - Minnesota retractor
 - Bone File
 - Bone Curette
 - Gum Separator
 - Seldin Retractor
 - Root Tip Pick STR
 - Root Tip Pick Left
 - Root Tip Pick right
 - Blade handle #3
 - Elevator #301
 - Elevator #304
 - Surgical Mallet
 - Iris Scissors Str
 - Tissue Forcep
 - Molt
 - Hemostat Cvd
 - Hemostat Str
 - Chisel
 - Periosteal Elevator

- Bone Ronguer
- Allis Tissue
- Needle Holder
- Elevator Left #302
- Elevator Right #303
- Crossbar Left
- Crossbar Right

500 mA Digital X- ray Machine

Power source: single/three phase

Rating: 40kW or higher

Line Power: 230V 480V3, ±10 % (Frequency : 50/60 Hz)

- kV Range/tube voltage: 40-150 kVp
 - mA range /tube current: 500 mA
 - mAs range: 0.1 to 500 mAs
 - Timer Range: 0.001 to 10 sec, 38 steps
 - Anatomical programs: User programmable max 1280 programs with APR utility software (including Bucky & AEC selection)
 - Rotor supply: Low/Dual speed
 - Technique selection: 4 point display (kV, mA, Time, mAs)
- x-ray ripple frequency: 30k Hz
 Image receptors: 2 Bucky + 1 Non – Bucky
- Auxilliary power supply: External system – 110/230VAC, 1A,110/230W; Magnetic Lock – 28 VDC, 5A, 140W; Collimator Lamp – 24 VAC
 - Reproducibility: Coefficient of Variation – kV < 0.005, time < 0.005, mAs < 0.01
- Accuracy: kV<±(1%+1kV), mA <±(3% + 1 mA), Time < ±(1 % + 0.5ms), mAs < ±(3% + 0.1 mAs)
 Linearity: Coefficient of Linearity < 0.01: CL = (X1 - X2)/(X1+ X2), where X is mR/mAs

X – ray tube:

- Focal Spot Size: 0.6/1.5mm
- Rating (0.1s): 22.5/47kW@60Hz
- Max. anode HU: 140Khu (100kJ)
- Target Angle: 12°
- Max Kv: 125 kV
- Weight: 16kg (35.3/55.1lbs)
- Inherent Filtration: 0.6 – 1.3 mmAl/75kV
- Additional Filtration: 0.5 mmAl
- Half Value Layer: More than 2.9 mmAl eq. at 80kVp
- Leakage Radiation: Less than 100 mR/hr

Collimation

- Control: Manual with 30sec. lamp timer
- Field Shape: Rectangular
- Max. Field Size: More than 43x43cm (17x17inch) at 100cm SID
- Leakage Radiation: Less than 100mR/hr

- Max. kVp shield: 150kV
- Inherent Filtration Min. 2.0mmAl eq.
- Luminosity: Over 160LUX at 100cm SID
- Light Source: Single LED
- Standard: Tape measure, rotating flange; Auto collimation/Auto filter selection
- Option: Line laser, near port shutters; Tape measure, line laser, rotating flange
- Electrical Rating: 20-30VaC, 30VA,50/6Hz; 24Vac, 6.3A, 50/60Hz

X- ray Tube support Assembly

Floor Mounting

- Tube stroke: Vertical: 2185mm (342~1,974mm from floor to focus
- Lock (Brake): EM Lock, Switch on/off
- Balance: Counterweight
- Electrical Rating: 24VDC, 3A; 100-240VAC, 160 VAC, 50/60 Hz
- Dimension Weight: 1565 (H) x 740(W) mm x 775(D)/115kg (253lbs)
- Vertical Movement: Manual and Motorized

Automatic Exposure Control

AEC ION CHAMBER

- Field: 3
- X - ray Energy Range: 40-150kV
- Dose Rate Range: 0.2 mV/mR-8kVmR
- Exposure Dose Range: 0.4-600mAs
- Inherent Filtration: 0.4 mm Al eq.
- Weight: 2kg (4.4lb)

VERTICAL WALLS STAND SPECIFICATIONS

- Cassette stroke: Vertical 1118mm (420~1960mm from floor to Bucky Center)
- Bucky Type: fixed Grid type/Oscillating
- Grid type; Removable Grid
- Tray type: Standard tray for;
- Tray size: 17"x17" (for 8"x10" to 17"x17" cassette)
- Rotating: Center reference
- Automatic connection for flat panel detector
- Fail safe function
- Grid: FD 150cm, 103 lpi, ratio 10:1
- Inherent Filtration: 0.5 mmAl at 100Kv
- Lock (Brake): EM Lock, Switch on/off
- Balance: Counter Weight
- Electrical Rating: 100-240 VAC, `160VA50/60hz
- Dimension/Weight:1750 (H) x 740 (W) x 455 (D) mm/ 145kg (319lbs)

1 unit DR Flat Detector

- Wired/Wireless Capability

- Detector Material: GoS
- Light Weight: Not more than 2.6kg including battery
- Image size: Automatic sizing up to 14 "x17" (35cm x 43cm)
- Detector Matrix Size: 6 Megapixels
- Image Preview: less than 2 sec
- Pixel Pitch: 150um
- Acquisition depth: 16 bits
- TFT sensor on the front side of the scintillation layer
- Magnesium – alloy shell – type frame
- 2 units Rechargeable Battery
- DR cable at least 10 meters
- Battery Charger with at least 2 slots
- With internal memory allows detector – only image storage of up to 100 images
- IPX6 Waterproof rating including battery
- Up to 310kg load capacity
- Anti – bacterial coated

Acquisition Workstation

- At least 17 inch monitor
- Minimum i5 Processor (CPU)
- HDD: 500GB or more
- Memory: 4GB or more
- Image Storage of up to 4000 images (14 x 17 chest X- ray)
- Software fore Patient Id entry, viewing processing of images and documentation
- Display of exposure, Target and Deviation indices
- Display of patient data and actual exposure technique factors used
- Image analysis tools (Distance Measurement, ROI Mean, Pixels Value (MPV) and PVSD measurement, Contrast adjustment
- Image processing Functionality (window/level adjustment, Reverse Contrast Mapping, Edge Enhancement)
- UPS

Section VIII. Checklist of Technical and Financial Documents

Checklist of Technical and Financial Documents

I. TECHNICAL COMPONENT ENVELOPE

Class "A" Documents

Legal Documents

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

Technical Documents

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

Attorney of all members of the joint venture giving full power and authority to its officer to sign the OSS and do acts to represent the Bidder.

Financial Documents

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

Class "B" Documents

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

II. FINANCIAL COMPONENT ENVELOPE

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

Name of the Company: _____
 Address: _____

STATEMENT OF ALL ONGOING GOVERNMENT AND PRIVATE CONTRACTS, INCLUDING AWARDED BUT NOT YET STARTED

a. Name of the Contract b. Name of the Procuring Entity	a. Date of Contract		a. Kinds of Goods/Nature of Works b. Contract Amount or value		a. Value of outstanding contract b. Estimated completion delivery	
	a.	b.	a.	b.	a.	b.
GOVERNMENT						
a.		a.		a.		a.
b.		b.		b.		b.
PRIVATE						
a.		a.		a.		a.
b.		b.		b.		b.

This statement shall be supported by:

1. Notice of Award;
2. Contract, if applicable; and
3. Notice to Proceed, if applicable.

Submitted by:

NAME OF THE BIDDER OR ITS AUTHORIZED REPRESENTATIVE AND ITS SIGNATURE

Designation

Name of the Company: _____
 Address: _____

STATEMENT OF SINGLE LARGEST COMPLETED CONTRACT

a. Name of the Contract b. Name of the Procuring Entity	a. Date of Contract b. Contract Duration (No. of days or months)	a. Kinds of Goods/Nature of Works b. Contract Amount or value/Adjusted Contract amount, if applicable	a. Date of completion or delivery
a. b.	a. b.	a. b.	a.

This statement shall be supported by:

1. Notice of Award;
2. Contract;
3. Notice to Proceed; and
4. Certificate of Completion and Final Acceptance.

Submitted by:

NAME OF THE BIDDER OR ITS AUTHORIZED REPRESENTATIVE AND ITS SIGNATURE

Designation