

REPUBLIC OF THE PHILIPPINES QUEZON CITY GOVERNMENT BIDS AND AWARDS COMMITTEE – GOODS AND SERVICES



**PHILIPPINE BIDDING DOCUMENTS** 

(As Harmonized with Development Partners)

# PROCUREMENT OF VARIOUS HOSPITAL EQUIPMENT

## PROJECT NO. QCGH-22-HME-1714

LINE 1: PORTABLE ULTRASOUND MACHINE AND ULTRASOUND CONSOLE MACHINE WITH ELASTOGRAPHY

LINE 2: VIRAL LOAD MACHINE

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.

### Notes on the Invitation to Bid

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

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

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

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



#### QUEZON CITY GOVERNMENT BAC – GOODS AND SERVICES



#### **INVITATION TO BID**

April 24, 2023

	DDOTECTIVE					April 2	4, 2023
i	PROJECT NO.	OFFICE		PROJECT NAME	AMOUNT	SOURCE OF FUND	DELIVERY
1.	DBO-23-IT-0265	DEPARTMENT OF BUILT OFFICIAL	DING	SUPPLY, INSTALLATION, TESTING AND COMMISSIONING OF THE QUEZON CITY DEPARTMENT OF BUILDING OFFICIAL BUILD EASY INSPECTION SYSTEM	P 5,700,000.00	GENERAL	60 CD
2.	DBO-23-JS2-0634	DEPARTMENT OF BUILI OFFICIAL	DING	AIR SANITIZER AND OTHERS	P 1,015,332.20	TRUST FUND	30 CD
3.	CPDD-23-PS2-0691	CITY PLANNING AN DEVELOPMENT DEPARTMENT	D	PRINTING OF COMPREHENSIVE DEVELOPMENT PLAN (CDP) AND LOCAL DEVELOPMENT INVESTEMENT PLAN (LDIP)	P 1,800,00.00	GENERAL FUND	30 CD
4.	PDAD-23-CS1-0701	PARKS DEVELOPMENT ADMINISTRATION DEPARTMENT	AND	FOOD AND DRINKS AND OTHERS	P 2,116,000.00	GENERAL FUND	7 MONTH
5.	PDAD-23- VEHICLES-0242	PARKS DEVELOPMENT ADMINISTRATION DEPARTMENT	AND	6-WHEELER TRUCK WITH MANLIFTER	P 15,511,500.00	GENERAL FUND	90 CD
6.	QCGH-22-HME- 1714	QUEZON CITY GENER HOSPITAL	AL	LINE 1: PORTABLE ULTRASOUND MACHINE AND ULTRASOUND CONSOLE MACHINE WITH ELASTOGRAPHY	P 4, 300,000.00	GENERAL FUND	45 CD
				LINE 2: VIRAL LOAD MACHINE	P 2,500,000.00	GENERAL FUND	45 CD
7.	SDO-23-HCS-0532	SCHOOLS DIVISION OFF	ICE	PAINTS FOR BRIGADA ESKWELA	P 1,432,400.00	GENERAL FUND	30 CD
8.	SDO-23-TA-0530	SCHOOLS DIVISION OFF	ICE	MEDALS AND TROPHIES	P 2,850,930.00	GENERAL FUND	30 CD
9.	QCDTRC(TAHAN AN)-23-OE-0629	QUEZON CITY DRUC TREATMENT AND REHABILITATION CEN (TAHANAN)		DESKTOP COMPUTER AND OTHERS	P 1,009,742.00	GENERAL FUND	30 CD
10.	HEALTH-23- FOODSTUFF-0455	QUEZON CITY HEALT DEPARTMENT	H	ADULT MILK FOR GERIATRIC PATIENTS	P 6,900,000.00	GENERAL FUND	30 CD
11.	HEALTH-23-HME- 0461	QUEZON CITY HEALT DEPARTMENT	H	ECG MACHINE AND OTHERS	P 1,056,000.00	GENERAL FUND	30 CD
12,	HEALTH-23- FOODSTUFF-0456	QUEZON CITY HEALT DEPARTMENT	H	SUPPLEMENTARY FOOD FOR MOTHERS	P 4,928,000.00	GENERAL FUND	7 MONTHS
13.	BCRD-23-HLMF- 0728	BARANGAY AND COMMUNITY RELATIO DEPARTMENT	NS	HOTEL ACCOMMODATION, FOOD AND OTHERS	P 1,998,000.00	GENERAL FUND	7 MONTHS
14.	OCM(OSCA)-23- PS2-0409B	OFFICE OF THE CITY MAY (OSCA)	'OR -	PRINTING OF PURCHASE SLIP BOOKLETS	P 7,700,000.00	GENERAL FUND	30 CD
15.	OCM-23-EMS-0685	OFFICE OF THE CITY MAY	YOR	STARTER KIT (VARIOUS SCHOOL SUPPLIES)	P 4,999,813.00	GENERAL FUND	30 CD
16.	OCM-23-GI2-0611	OFFICE OF THE CITY MAY	YOR	CANNED MEAT AND OTHERS	P 33,797,524.00	GENERAL FUND	60 CD
17.	OCM-23-PCP1- 0684	OFFICE OF THE CITY MAY	YOR	HYGIENE KIT	P 4,394,659.20	GENERAL FUND	30 CD
18.	OCM-23-AP1-0615	OFFICE OF THE CITY MAY	YOR	VARIOUS AGRICULTURAL PRODUCTS	P 37,660,000.00	GENERAL FUND	30 CD
19.	OCM-23-HCS-0743	OFFICE OF THE CITY MAY	OR	HAND SHOVEL AND OTHERS	P 6,658,500.00	GENERAL FUND	30 CD
20.	SA-0660	OFFICE OF THE CITY MAY POPS PLAN		SUPPLY AND INSTALLATION OF TRAFFIC SIGNAGES	P 9,999,332.00	GENERAL FUND	45 CD
21.	OCM(POPS)-23- HLMF-0744	OFFICE OF THE CITY MAY POPS PLAN	OR –	HOTEL ACCOMMODATION AND OTHERS	P 1,454,711.00	GENERAL FUND	30 CD

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22.	CONSO-23-HLMF- 0679B	OFFICE OF THE CITY MAYO POPS PLAN (QCADAAC)		HOTEL ACCOMMODATION AND OTHERS	P 13,450,800.00	GEN FUND	7 MONTHS
23.	QCDRRMO-23- FFRSE-0466	QUEZON CITY DISASTER RI REDUCTION AND MANAGEMENT OFFICE		DROWNING VICTIM DETECTION AND RECOVERY EQUIPMENT	P 18,160,856.00	GENERAL FUND	60 CD
24.	QCDRRMO-23-IT- 0731	QUEZON CITY DISASTER RI REDUCTION AND MANAGEMENT OFFICE	ISK	CLIMATE ACTION AWARENESS SYSTEM	P 19,100,000.00	TRUST FUND	45 CD
25.	CONSO-23-HCS- 0797	NOVALICHES DISTRICT HOSPITAL		VARIOUS HARDWARE SUPPLIES	P 2,311,214.00	GENERAL FUND	30 CD
26.	NDH-22-HME- 1572	NOVALICHES DISTRICT HOSPITAL		AUTOMATED BLOOD GAS ANALYZER AND OTHERS	P 7,700,000.00	GENERAL FUND	60 CD
27.	PESO-23-IT-0618	PUBLIC EMPLOYMENT SERVICE OFFICE		SUPPLY, DELIVERY, INSTALLATION AND CONFIGURATION OF ONE (1) COMPUTER SERVER FOR QCPESO	P 3,000,000.00	GENERAL FUND	60 CD
28.	QCU-23-HCS- 0276B	QUEZON CITY UNIVERSIT		SUPPLY, DELIVERY AND INSTALLATION OF VERTICAL HYDROPONIC MODEL AND OTHERS	P 10,624,989.10	TRUST FUND	150 CD
29.	QCU-22-OE-1592B	QUEZON CITY UNIVERSIT	TY .	3D PRINTER AND SCANNER FOR THE ENGINEERING LABORATORY ROOMS	P 3,200,000.00	TRUST FUND	90 CD
30.	RMBGH-23-MSLI- 0323	ROSARIO MACLANG BAUTISTA GENERAL HOSPITAL		VARIOUS RADIOLOGY SUPPLIES (DISPOSABLE SYRINGE KIT AND OTHERS)	P 3,791,646.50	GENERAL FUND	30 CD
31.	RMBGH-23-HCS- 0260	ROSARIO MACLANG BAUTISTA GENERAL HOSPITAL		VARIOUS HARDWARE SUPPLIES (LED TUBE LIGHT, PUSH CART AND OTHERS)	P 1,306,576.60	GENERAL FUND	30 CD
32.	QCPI -23-BMOP- 0704	QUEZON CITY PUBLIC LIBRARY		WORLD BOOK ENCYCLOPEDIA AND OTHERS	P 1,046,000.00	GENERAL FUND	30 CD
33.	QCTD-23-CS1-0593	QUEZON CITY TOURISM DEPARTMENT	[	FOOD AND DRINKS AND OTHERS	P 1,755,000.00	GENERAL FUND	7 MONTHS
34.	CAO-23-OE-0165	CITY ADMINISTRATOR'S OFFICE	;	CARD PRINTER (SINGLE-SIDED)	P 3,648,000.00	GENERAL FUND	30 CD
35.	CAO(TFS)-23-HCS-	CITY ADMINISTRATOR'S OFFICE (TASK FORCE		LINE 1: VARIOUS HARDWARE AND CONSTRUCTION SUPPLIES (CEMENT AND OTHERS)	P 31,683,246.00	GENERAL	00.05
	0793	STREETLIGHTS)		LINE 2: REPAIR AND MAINTENANCE OF STREETLIGHTS (VARIOUS CONSTRUCTION SUPPLIES)	P 38,501,957.00	FUND	90 CD

- 1. The *QUEZON CITY LOCAL GOVERNMENT*, through the *General Fund, and Trust Fund of various years* intends to apply the sums stated above being the ABC to payments under the contract for *the above stated projects of contract for each lot/item*. Bids received in excess of the ABC shall be automatically rejected at bid opening.
- 2. The QUEZON CITY LOCAL GOVERNMENT now invites bids for various Projects. Delivery of the Goods is required as stated above. Bidders should have completed, within the last three (3) years from the date of submission and receipt of bids, a contract similar to the Project. The description of an eligible bidder is contained in the Bidding Documents, particularly, in Section II. Instructions to Bidders.
- 3. Bidding will be conducted through open competitive bidding procedures using a non-discretionary "pass/fail" criterion as specified in the 2016 revised Implementing Rules and Regulations (IRR) of Republic Act (RA) No. 9184.
  - a. Bidding is restricted to Filipino citizens/sole proprietorships, partnerships, or organizations with at least sixty percent (60%) interest or outstanding capital stock belonging to citizens of the Philippines, and to citizens or organizations of a country the laws or regulations of which grant similar rights or privileges to Filipino citizens, pursuant to RA No. 5183.
- 4. Prospective Bidders may obtain further information from *QUEZON CITY GOVERNMENT Bids and Awards Committee (BAC) Secretariat* and inspect the Bidding Documents at the address given below during *weekdays from* 8:00 a.m. - 5:00 p.m.
- 5. A complete set of Bidding Documents may be acquired by interested Bidders on **Tuesday**, April 25, 2023 from the given address and website(s) below and upon payment of the applicable fee for the Bidding Documents, pursuant to the latest Guidelines issued by the GPPB. The Procuring Entity shall allow the bidder to present its proof of payment for the fees in person.

IB FOR MAY 15, 2023 - ABOVE

#### **STANDARD RATES:**

Approved Budget for the Contract	Maximum Cost of Bidding Documents (in Philippine Peso)
500,000 and below	500.00
More than 500,000 up to 1 Million	1,000.00
More than 1 Million up to 5 Million	5,000,00
More than 5 Million up to 10 Million	10,000,00
More than 10 Million up to 50 Million	25,000.00
More than 50 Million up to 500 Million	50,000.00
More than 500 Million	75,000.00

The following are the requirements for purchase of Bidding Documents;

- 1. PhilGEPS Registration Certificate (Platinum 3 pages)
- Document Request List (DRL)
   Authorization to Purchase Bidd
  - Authorization to Purchase Bidding Documents
    - 3.1 Corporate Secretary Certificate for corporation (specific for the project)
    - 3.2 Special Power of Attorney for single proprietorship (specific for the project)
- 4. Notarized Joint Venture Agreement (as applicable)
- 6. The Quezon City Local Government will hold a Pre-Bid Conference on 10:30 A.M. of Tuesday, May 2, 2023 at 2<sup>nd</sup> Floor, Procurement Department-Bidding Room, Finance Building, Quezon City Hall Compound, and/or through video conferencing via Zoom which shall be open to prospective bidders.

Topic: BAC-GOODS Pre-Bid Conference Meeting Join Zoom Meeting https://us02web.zoom.us/j/84835002246?pwd=OVRuVE0weXZMNXYwZG5LaWd1dXk1QT09

Meeting ID: 848 3500 2246 Passcode: 154733

- 7. Bids must be duly received by the BAC Secretariat through manual submission at the 2<sup>nd</sup> Floor, Procurement Department, Finance Building, Quezon City Hall Compound on or before <u>9:00 A.M. of Monday, May 15, 2023</u>. 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.

https://us02web.zoom.us/j/85850855933?pwd=R2dZUUp4Z3lyU29iZGV1WmdKRjZCdz09

Meeting ID: 858 5085 5933 Passcode: 118682

- 10. The *Quezon City Local Government* 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:

ATTY. DOMINIC B. GARCIA OIC, Procurement Department 2<sup>nd</sup> Floor, Procurement Department, Finance Building, Quezon City Hall Compound Elliptical Road, Barangay Central Diliman, Quezon City. Email Add: <u>bacgoods.procurement@quezoncity.gov.ph</u> Tel. No. (02)8988-4242 loc. 8506/8710 Website: <u>www.quezoncity.gov.ph</u>

12. You may visit the following websites:

For downloading of Bidding Documents: <u>www.quezoncity.gov.ph</u>

By: MA MARCARITAT. SANTOS

Chairperson, QC-BAC-Goods and Services

IB FOR MAY 15, 2023 - ABOVE

#### 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, **Quezon City Local Government** *wishes* to receive Bids for the **PROCUREMENT OF VARIOUS HOSPITAL EQUIPMENT** with identification number **QCGH-22-HME-1714.** 

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

The Procurement Project (referred to herein as "Project") is composed of **Two (2)** *Line Items*, the details of which are described in Section VII (Technical Specifications).

#### 2. Funding Information

- 2.1. The GOP through the source of funding as indicated below for **2022** in the amount of SIX MILLION EIGHT HUNDRED THOUSAND PESOS 00/100 ONLY (PHP 6,800,000.00).
- 2.2. The source of funding is:
  - *a.* LGUs, the Annual or Supplemental Budget, as approved by the Sanggunian.

#### **3.** Bidding Requirements

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

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

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

#### 4. Corrupt, Fraudulent, Collusive, and Coercive Practices

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

#### 5. Eligible Bidders

- 5.1. Only Bids of Bidders found to be legally, technically, and financially capable will be evaluated.
- 5.2. 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: 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 and/or through videoconferencing as indicated in paragraph 7 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 *the last three (3) years* prior to the deadline for the submission and receipt of bids.
- 10.3. If the eligibility requirements or statements, the bids, and all other documents for submission to the BAC are in foreign language other than English, it must be accompanied by a translation in English, which shall be authenticated by the appropriate Philippine foreign service establishment, post, or the equivalent office having jurisdiction over the foreign bidder's affairs in the Philippines. Similar to the required authentication above, for Contracting Parties to the Apostille Convention, only the translated documents shall be authenticated through an apostille pursuant to GPPB Resolution No. 13-2019 dated 23 May 2019. The English translation shall govern, for purposes of interpretation of the bid.

#### 11. Documents comprising the Bid: Financial Component

- 11.1. The second bid envelope shall contain the financial documents for the Bid as specified in Section VIII (Checklist of Technical and Financial Documents).
- 11.2. If the Bidder claims preference as a Domestic Bidder or Domestic Entity, a certification issued by DTI shall be provided by the Bidder in accordance with Section 43.1.3 of the 2016 revised IRR of RA No. 9184.
- 11.3. Any bid exceeding the ABC indicated in paragraph 1 of the **IB** shall not be accepted.
- 11.4. For Foreign-funded Procurement, a ceiling may be applied to bid prices provided the conditions are met under Section 31.2 of the 2016 revised IRR of RA No. 9184.

#### 12. Bid Prices

- 12.1. Prices indicated on the Price Schedule shall be entered separately in the following manner:
  - a. For Goods offered from within the Procuring Entity's country:
    - i. The price of the Goods quoted EXW (ex-works, ex-factory, exwarehouse, 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<sup>1</sup> 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 in no case shall exceed One Hundred Twenty (120) calendar days from the date of opening of bids, unless duly extended by the bidder upon the request of the Head of the Procuring Entity (HoPE) of the Quezon City Local Government. 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.

<sup>&</sup>lt;sup>1</sup> 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.

#### **16. Deadline for Submission of Bids**

16.1. The Bidders shall submit on the specified date and time through manual submission as indicated in paragraph 8 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 10 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:
- 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**.

#### Notes on the Bid Data Sheet

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

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

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

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

## **Bid Data Sheet**

ITB Clause					
5.3	For this purpose, contracts similar to the Project shall be:				
	<ul> <li>a. A single contract similar to the items to be bid and must be at least fifty percent (50%) of the ABC.</li> <li>b. Completed within the last three (3) years prior to the deadline for the submission and receipt of bids substantially in a FORM prescribed by the QC-BAC-GOODS AND SERVICES, must be accompanied by a copy</li> </ul>				
	of Certificate of Acceptance by the end-user or Of or Sales Invoice (S.I.) issued for the Contract.	1 0 10			
7.1	Subcontracting is not allowed.				
12	The price of the Goods shall be quoted DDP <i>within Quezon</i> (International Commercial Terms (INCOTERMS) for this P.				
14.1	The bid security shall be in the form of a Bid Securing Deck following forms and amounts:	aration, or any of the			
	LINE 1: PROCUREMENT OF PORTABLE ULTRASOUND MACHINE AND ULTRASOUND CONSOLE MACHINE WITH ELASTOGRAPHY				
	a. The amount of not less than Php <b>86,000.00</b> [or equivalent to two percent (2%) of ABC], 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 Php <b>215,000.00</b> [or equivalent to five percent (5%) of ABC] if bid security is in Surety Bond				
	LINE 2: PROCUREMENT OF VIRAL LOAD MACHINE				
	a. The amount of not less than Php <b>50,000.00</b> [or equivalent to two percent (2%) of ABC], if bid security is in cash, cashier's/manager's check, bank draft/guarantee or irrevocable letter of credit; or				
	<ul> <li>b. The amount of not less than Php 125,000.00 [or equivalent to five percent (5%) of ABC] if bid security is in Surety Bond</li> </ul>				
19.3					
	DESCRIPTION	ABC			
	LINE1:PROCUREMENTOFPORTABLEP 4,300,000.00ULTRASOUNDMACHINEANDULTRASOUNDCONSOLEMACHINE WITH ELASTOGRAPHY				
	LINE 2: PROCUREMENT OF VIRAL LOAD MACHINE P 2,500,000.00				
	TOTAL:	P6,800,000.00			
20.2	[List here any licenses and permits relevant to the Project an law requiring it.]	nd the corresponding			
	No Additional Requirements				
21.2	Additional required documents relevant to the Project that are required by existin Entity.'	g laws and/or the Procuring			
	LINE 1: PROCUREMENT OF PORTABLE ULTRASOUND MACHINE CONSOLE MACHINE WITH ELASTOGRAPHY	E AND ULTRASOUND			

<ul> <li>i. Copy of valid, current License to Operate from DOH Accreditation as Supplier, Distributor or Manufacturer for Medical or Hospital Equipment or Devices</li> <li>ii. Authority to Sell from the Manufacturer or Exclusive/Authorized Distributor of the medical equipment being offered</li> <li>iii. Warranty: Three (3) years Warranty <ul> <li>At least Three (3) years on parts and service for the console, with quarterly preventive maintenance service.</li> <li>iv. Certificate of availability of parts shall be available for a period of five (5) years the warranty period.</li> </ul> </li> </ul>
<ul> <li>NOTARIZED AFFIDAVIT OF UNDERTAKING STATING COMPLIANCE FOR THE FOLLOWING:         <ol> <li>Provision of User/Technical/maintenance manuals</li> <li>Training of technicians with company ultrasound specialist</li> </ol> </li> </ul>
LINE 2: PROCUREMENT OF VIRAL LOAD MACHINE
i. Copy of valid, current License to Operate from DOH Accreditation as Supplier, Distributor or Manufacturer for Medical or Hospital Equipment or Devices
<ul> <li>Authority to Sell from the Manufacturer or Exclusive/Authorized Distributor of the medical equipment being offered</li> </ul>
iii. Statement of Warranty: Two (2) years comprehensive warranty for parts and Service.
<ul> <li>iv. Certificate of availability of parts shall be available for a period of five (5) years the warranty period</li> </ul>

### 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**.

#### **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

6.1. 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.

6.2. 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.

#### GCC Clause 1 [List here any additional requirements for the completion of this Contract. The following requirements and the corresponding provisions may be deleted, amended, or retained depending on its applicability to this Contract: ] **Delivery and Documents –** For purposes of the Contract, "EXW," "FOB," "FCA," "CIF," "CIP," "DDP" and other trade terms used to describe the obligations of the parties shall have the meanings assigned to them by the current edition of INCOTERMS published by the International Chamber of Commerce, Paris. The Delivery terms of this Contract shall be as follows: [For Goods supplied from abroad, state:] "The delivery terms applicable to the Contract are DDP delivered [indicate place of destination]. In accordance with INCOTERMS." [For Goods supplied from within the Philippines, state:] "The delivery terms applicable to this Contract are delivered *[indicate place of destination]*. Risk and title will pass from the Supplier to the Procuring Entity upon receipt and final acceptance of the Goods at their final destination." Delivery of the Goods shall be made by the Supplier in accordance with the terms specified in Section VI (Schedule of Requirements). For purposes of this Clause the Procuring Entity's Representative at the Project Site is [indicate name(s)]. **Incidental Services –** The Supplier is required to provide all of the following services, including additional services, if any, specified in Section VI. Schedule of Requirements: Select appropriate requirements and delete the rest. performance or supervision of on-site assembly and/or start-up of a. the supplied Goods; furnishing of tools required for assembly and/or maintenance of the b. supplied Goods; furnishing of a detailed operations and maintenance manual for each c. appropriate unit of the supplied Goods; performance or supervision or maintenance and/or repair of the d. 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 training of the Procuring Entity's personnel, at the Supplier's plant e. and/or on-site, in assembly, start-up, operation, maintenance, and/or repair of the supplied Goods. f. [Specify additional incidental service requirements, as needed.] The Contract price for the Goods shall include the prices charged by the Supplier for incidental services and shall not exceed the prevailing rates charged to other parties by the Supplier for similar services.

## **Special Conditions of Contract**

S]	pare Parts –						
ar	he Supplier is required to provide all of the following materials, notifications, nd information pertaining to spare parts manufactured or distributed by the upplier:						
Se	elect 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						
	<b>ii.</b> following such termination, furnishing at no cost to the Procuring Entity, the blueprints, drawings, and specifications of the spare parts, if requested.						
(S	The spare parts and other components required are listed in <b>Section VI</b> Schedule of <b>Requirements</b> ) and the cost thereof are included in the contract rice.						
co he	The Supplier shall carry sufficient inventories to assure ex-stock supply of onsumable spare parts or components for the Goods for a period of [ <i>indicate ere the time period specified. If not used indicate a time period of three times ne warranty period</i> ].						
-	pare parts or components shall be supplied as promptly as possible, but in any ase, within [ <i>insert appropriate time period</i> ] months of placing the order.						
P:	ackaging –						
th in w te ca re	The Supplier shall provide such packaging of the Goods as is required to prevent heir 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 emperatures, salt and precipitation during transit, and open storage. Packaging ase size and weights shall take into consideration, where appropriate, the emoteness of the Goods' final destination and the absence of heavy handling acilities at all points in transit.						
sh pr	he packaging, marking, and documentation within and outside the packages hall comply strictly with such special requirements as shall be expressly rovided for in the Contract, including additional requirements, if any, specified elow, and in any subsequent instructions ordered by the Procuring Entity.						
T	he outer packaging must be clearly marked on at least four (4) sides as follows:						
	Tame of the Procuring Entity Tame of the Supplier						
C	Contract Description						
Fi	inal Destination						

	Gross weight
	Any special lifting instructions
	Any special handling instructions
	Any relevant HAZCHEM classifications
	A packaging list identifying the contents and quantities of the package is to be placed on an accessible point of the outer packaging if practical. If not practical the packaging list is to be placed inside the outer packaging but outside the secondary packaging.
	Transportation –
	Where the Supplier is required under Contract to deliver the Goods CIF, CIP, or DDP, transport of the Goods to the port of destination or such other named place of destination in the Philippines, as shall be specified in this Contract, shall be arranged and paid for by the Supplier, and the cost thereof shall be included in the Contract Price.
	Where the Supplier is required under this Contract to transport the Goods to a specified place of destination within the Philippines, defined as the Project Site, transport to such place of destination in the Philippines, including insurance and storage, as shall be specified in this Contract, shall be arranged by the Supplier, and related costs shall be included in the contract price.
	Where the Supplier is required under Contract to deliver the Goods CIF, CIP or DDP, Goods are to be transported on carriers of Philippine registry. In the event that no carrier of Philippine registry is available, Goods may be shipped by a carrier which is not of Philippine registry provided that the Supplier obtains and presents to the Procuring Entity certification to this effect from the nearest Philippine 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	[If partial payment is allowed, state]
4	The inspections and tests that will be conducted are: <i>Product Presentation/Demonstration/Site Inspection, if applicable.</i>

## Section VI. Schedule of Requirements

#### PROJECT NAME: LINE 1: PROCUREMENT OF PORTABLE ULTRASOUND MACHINE AND ULTRASOUND CONSOLE MACHINE WITH ELASTOGRAPHY PROJECT NO. QCGH-22-HME-1714

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

Item Number	Description	Unit of Issue	Quantity	Delivered, Weeks / Months
	With Minimum Technical Specifications:			
1	ULTRASOUND CONSOLE MACHINE WITH ELASTROGRAPHY	unit	1	
	4 Active Probe ports 4 Swivel wheel Cart based type Articulated Monitor Arm Built in Printer Storages Ergonomic Operation Panel Touch Screen Alpha-Numeric Keyboard Trackball Probe Holder/Gel Holder Front Handles Integrated PC Module Window 10 lot Enterprise Integrated SSD Gel Warmer (Optional) Main Monitor 21.5 inches High Resolution LED Monitor Resolution: 1.920 x 1.08 (16.9) Number of Color: 16.7 M Brightness Adjustment Interactive Dynamic Software Menu Articulated Monitor Arm Proves CONVEX PROVE (2-8mHZ) Application: Abdomen, OB GYN Band Width: 2~8 Mhz Radius of Curvature : 60.365 mm Field of view : 58" ENDOCAVITARY PROBE (4-9mHZ) Application: OB,GYN, Urology Band Width: 4~9 MHz Radius of curvature : 10.073 mm Field of view : 148.092° Number of elements : 128 LINEAR PROBE (3-16 Mhz) Application: Abdomen, MSK, Small Parts, Vascular, OB, GYN, Pediatric Band Width: 3~16 MHz Radius of curvature : Flat Field of View: 38.4 mm Number of elements : 192 PC Main Processor: Intel I3 -8100H Main Memory : 8 GB Built-in SSD: 512GB			Within One Hundred Twenty Forty-Five (45) Calendar Days Upon Issuance of Notice to Proceed

Note and White Thermal Printer           Online UPS           Wireless Lan           NES Web Browser           F-Strin           S-Detect for Breast           ElastScan Mode - shear wave           Electrical Specification           Frequency: 50/00 Hz           Voltage: 100 ~ 240 VAC           Power: Consumption: 2729.7 [BTU/h]           System Noise: under 40.08A [MAX.]           Prequency: 50/00 Hz           Voltage 100 ~ 240 VAC           Power: Consumption: Max, 620 VA with Peripherals           Heat Dissipation: 2729.7 [BTU/h]           System Noise: under 40.08A [MAX.]           Power: Consumption: Max, 620 VA with Peripherals           Hat Dissipation: 2729.7 [BTU/h]           System Noise: under 40.08D [MAX.]           Operation           B' - Mode (2D)           Color Doppler Mode (C)           Prese Wave Doppler (PWD)           S-Thow TM Mode           M-Mode (M)           Anatomical M Mode           Single/ Dual/Quad Mode           Elastofcan Mode - Shear Wave           Cone           Preventive maintenance service.           Provision of User/ Tochnical / maintenance manuals           Training of Technicians with company ultrasound			1		
Online UTS         Wireless Lan         RIS Web Browser         P-Strain         S-Detet for Breast         FlastoScan Mode - shear wave         Electrical Specification         Frequency: S0/60 Hz         Voltage: 100 - 240 VAC         Power Consumption: Max, 620 VA with Peripherals         Heat Dissipation: 272-97 [BIU/h]         System Noise: under 40dBA [MAX.]         Frequency: S0/60 Hz         Voltage: 100 - 240 VAC         Power Consumption: Max, 620 VA with Peripherals         Heat Dissipation: 272-97 [BIU/h]         System Noise: under 40dBA [MAX.]         Operation         B - Mode (2D)         Color Doppler Mode (C)         Power Wave Doppler (PWD)         S-Flow TM Mode         M-Mode (M)         Anatomical M Mode         Single/ Dual /Quad Mode         ElastoScan Mode - Shear Wave         Cine         Cone loop: Max. 14,000 Frames / 60 Sec.         Built-in Faqipotential Circuit         Utrasound         3 years on parts and service for the console.         With quarterly preventive maintenance errice.         Provision of User/Technical / maintenance manuals         Training of Techniclar / maintenance manuals		Standard			
Wireless Lan       Ris Wob Browser         F-Strain       S-Detect for Breast         ElastoScan Mode - shear wave       Electrical Specification         Prover Consumption: Max, 620 VA with Peripherals         Heat Dissipation: 2,729/1 [BTU/h]         System Noise: under 40dBA [MAX.]         Frequency: 50/60 Hz         Voltage: 100 - 240 VAC         Power Consumption: Max, 620 VA with Peripherals         Heat Dissipation: 2,729/1 [BTU/h]         System Noise: under 40dBA [MAX.]         Operation         B - Mode (2D)         Color Doppler Mode (C)         Puse Wave Doppler (PWD)         S-Filew TM Mode         M-Mode (M)         Anatomical M Mode         Single/Dual/Quad Mode         ElastoScan Mode - Shear Wave         Cine         • Capacity : 500 MB         • Cine loop: Max, 14,000 Lines         • Image storage: Max, 45,000 Frames / 60 Sec.         Built-in Equipotential Circuit         Ultrasound         3 years on parts and service for the console,         With quarterly preventive maintenance service.         Provision of User, Technical, maintenance manuals         Training of Technicians with company ultrasound         specialalst.         128 physical ch					
RIS Web Browser         F-Strain         S-Detect for Breast         ElastoScan Mode - shear wave <b>Heat Circla Specification</b> Frequency: S0/60 Hz         Voltage: 100 - 240 VAC         Power Consumption: Max, 620 VA with Peripherals         Heat Dissipation: 2729/7 [BTU/h]         System Noise: under 400BA [MAX.]         Volage: 100 - 240 VAC         Power Consumption: Max, 620 VA with Peripherals         Hat Dissipation: 2729/7 [BTU/h]         System Noise: under 400BA [MAX.] <b>Operation</b> B- Mode (2D)         Color Doppler Mode (C)         Puse Wave Doppler (PWD)         S-Flow TM Mode         M-Mode (M)         Anatomized M Mode         Single/Dual/Quad Mode         ElastoScan Mode - Shear Wave         Cine         Operating Storage: Max, 45,000 Frames / 60 Sec.         Built-in Equipotential Circuit         Ultrasound         3 years on parts and service for the console,         With upartely preventive maintenance service.         Provision of User/Technical / maintenance manuals         Training of Technicans with company ultrasound         represitiat:       Color-coded overlay for real-time blood flow         maging <td></td> <td>Online UPS</td> <td></td> <td></td> <td></td>		Online UPS			
E-Strain       S-Detect for Breast         HastoScan Mode - shear wave       Hectrical Specification         Prover Consumption: Max, 620 VA with Peripherals         Heat Dissipation: 2.729-7 [BTU/h]         System Noise: under 40dBA [MAX.]         Prequency: S0/60 Hz         Voltage: 100 ~ 240 VAC         Power Consumption: Max, 620 VA with Peripherals         Heat Dissipation: 2.729-7 [BTU/h]         System Noise: under 40dBA [MAX.]         Power Consumption: Max, 620 VA with Peripherals         Heat Dissipation: 2.729-7 [BTU/h]         System Noise: under 40dBA [MAX.]         Operation         B - Mode (2D)         Color Doppler Mode (C)         Pase Wave Doppler (PWD)         S-Flow TM Mode         M-Mode (M)         Anatomical M Mode         Single/ Dual/Quad Mode         FlastoScan Mode - Shear Wave         Cine         Color Copplex maintenance service.         Provision of User/Technicians with company ultrasound         specialist.         Training of Technicians with company ultrasound         specialist.         Tarditacts         Tom side lobes, grating lobes and reverberations, resulting in superior         HastoScand Anmel beamforming         Black-and-white		Wireless Lan			
S-Detect for Breast         ElastoScan Mode - shear wave         Electrical Specification         Prequency: 50/60 Hz         Voltage: 100 - 240 VAC         Power Consumption: Max, 620 VA with Peripherals         Heat Dissipation: 27297 [BTU/h]         System Noise: under 40dBA [MAX.]         Frequency: 50/60 Hz         Voltage: 100 - 240 VAC         Power Consumption: Max, 620 VA with Peripherals         Heat Dissipation: 27297. [BTU/h]         System Noise: under 40dBA [MAX.]         Operation         B- Mode (2D)         Color Doppler Mode (C)         Power Consumption: Max, 620 VA with Peripherals         Heat Dissipation: 27297. [BTU/h]         System Noise: under 40dBA [MAX.]         Operation         B- Mode (2D)         Color Doppler Mode (C)         Prover Consumption: Max, 620 VA with Peripherals         Haat Dissipation: 2729.7 [BTU/h]         System Node:         M-Mode (M)         Anatomical Mode         Single/Dual/Quad Mode         ElastoScan Mode - Shear Wave         Cine         • Cine loop: Max. 14,000 Lines         • Image storage: Max. 45,000 Frames / 60 Sec.         Buit-in Equipotential Cincuit         Utrasound		RIS Web Browser			
S-Detect for Breast         ElastoScan Mode - shear wave         Electrical Specification         Prequency: 50/60 Hz         Voltage: 100 - 240 VAC         Power Consumption: Max, 620 VA with Peripherals         Heat Dissipation: 27297 [BTU/h]         System Noise: under 40dBA [MAX.]         Frequency: 50/60 Hz         Voltage: 100 - 240 VAC         Power Consumption: Max, 620 VA with Peripherals         Heat Dissipation: 27297. [BTU/h]         System Noise: under 40dBA [MAX.]         Operation         B- Mode (2D)         Color Doppler Mode (C)         Power Consumption: Max, 620 VA with Peripherals         Heat Dissipation: 27297. [BTU/h]         System Noise: under 40dBA [MAX.]         Operation         B- Mode (2D)         Color Doppler Mode (C)         Prover Consumption: Max, 620 VA with Peripherals         Haat Dissipation: 2729.7 [BTU/h]         System Node:         M-Mode (M)         Anatomical Mode         Single/Dual/Quad Mode         ElastoScan Mode - Shear Wave         Cine         • Cine loop: Max. 14,000 Lines         • Image storage: Max. 45,000 Frames / 60 Sec.         Buit-in Equipotential Cincuit         Utrasound		E-Strain			
ElastoScan Mode - shear wave         Electrical Specification         Frequency: 50/60 Hz         Voltage: 100 ~ 240 VAC         Power Consumption: Max, 620 VA with Peripherals         Heat Dissipation: 2,729.7 [BTU/h]         System Noise: under 40dBA [MAX.]         Frequency: 50/60 Hz         Voltage: 100 ~ 240 VAC         Power Consumption: Max, 620 VA with Peripherals         Heat Dissipation: 2,729.7 [BTU/h]         System Noise: under 40dBA [MAX.]         Operation         B - Mode (2D)         Color Doppler Mode (C)         Puse Wave Doppler (PWD)         S-Flow TM Mode         M-Mode (M)         Antomical M Mode         Single/Dual/Quad Mode         FloatoScan Mode - Shear Wave         Cine         Cone Loop: Max. 14,000 Lines         - Image storage: Max. 45,000 Frames / 60 Sec.         Built-in Equipotential Circuit         Utrasound         3 years on parts and service for the console,         With quarterly preventive maintenance service.         Provision of User/Technicial /maintenance manuals         Training of Technicians with company ultrasound         specialist.         2       UtrasOUND MACHINE         [Portable] <tr< th=""><th></th><th></th><th></th><th></th><th></th></tr<>					
Electrical Specification         Frequency: 50/60 Hz         Voltage: 100 ~ 240 VAC         Power Consumption: Max, 620 VA with Peripherals         Heat Dissipation: 2729.7 [BTU/h]         System Noise: under 40dBA [MAX.]         Prever Consumption: Max, 620 VA with Peripherals         Heat Dissipation: 2729.7 [BTU/h]         System Noise: under 40dBA [MAX.]         Operation         B - Mode (2D)         Color Doppler Mode (C)         Puer Ware Doppler (PWD)         S.Flow TM Mode         M-Mode (M)         Anatomical M Mode         ElastoScan Mode         B - Mode (2D)         Color Doppler Mode (C)         Puer Ware Doppler (PWD)         S.Flow TM Mode         M-Mode (M)         Anatomical M Mode         Single / Dual / Quad Mode         ElastoScan Mode - Shear Wave         Cine         - Capacity: 300 MB         - Cine loop: Max, 14,000 Lines         - Cine loop: Max, 14,000 Lines         - Timing of Technicians with company ultrasound specialist.         UITRASOUND MACHINE       Unit         2       ULTRASOUND MACHINE       Unit         128 physical channel beamforming       Black-and-white mode for displaying anatomy in rea					
Frequency: 50/60 Hz         Voltage: 100 ~ 240 VAC         Power Consumption: Max, 620 VA with Peripherals         Heat Dissipation: 2.729.7 [BTU/h]         System Noise: under 40dBA [MAX]         Prequency: 50/60 Hz         Voltage: 100 ~ 240 VAC         Power Consumption: Max, 620 VA with Peripherals         Heat Dissipation: 2.729.7 [BTU/h]         System Noise: under 40dBA [MAX]         Operation         B - Mode (2D)         Color Doppler Mode (C)         Puse Wave Doppler (PWD)         S-Flow TM Mode         M-Mode (M)         Anatomical M Mode         Single/Dual/Quad Mode         ElastoScan Mode - Shear Wave         Cine         - Capacity : 500 MB         - Capacity : 500 MB         - Capacity : 500 MB         - Cinc loop: Max. 14,000 Lines         - Image storage: Max. 45,000 Prames / 60 Sec.         Built-in Equipotential Circuit         Ultrasound         3 years on parts and service for the console,         3 years on parts and service for the console,         Provision of User/Technical / maintenance manuals         Training of Technictars with company ultrasound         specialist.         2       ULTRASOUND MACHINE       Unit					
Voltage: 100 ~ 240 VAC         Power Consumption: Max, 620 VA with Peripherals         Heat Dissipation: 2,729.7 [BTU/h]         System Noise: under 40dBA [MAX.]         Prequency: 50/60 Hz         Voltage: 100 ~ 240 VAC         Power Consumption: Max, 620 VA with Peripherals         Heat Dissipation: 2,729.7 [BTU/h]         System Noise: under 40dBA [MAX.]         Operation         B - Mode (2D)         Color Doppler Mode (C)         Puwer Wave Doppler (PWD)         S-Flow TM Mode         M-Mode (M)         Anatomical M Mode         Single/Dual/Quad Mode         ElastoScan Mode - Shear Wave         Cine         Cine loop: Max 14,000 Lines         - Image storage: Max, 45,000 Frames / 60 Sec.         Built in Equipotential Circuit         Ultrasound         3 years on parts and service for the console,         Wilt h quarterly preventive maintenance service.         Provision of User/Technical / maintenance manuals         Training of Technicalars with company ultrasound         specialist.         2       ULTRASOUND MACHINE         Color-coded overlay for real-time blood flow         inaging         Harmonic imaging for increased signal-to-noise ratio					
Power Consumption: Max, 620 VA with Peripherals         Heat Dissipation: 27297 [BTU/h]         System Noise: under 40dBA [MAX.]         Frequency: 50/60 Hz         Voltage 100 - 240 VAC         Power Consumption: Max, 620 VA with Peripherals         Heat Dissipation: 27297 [BTU/h]         System Noise: under 40dBA [MAX.]         Operation         B - Mode (2D)         Color Doppler Mode (C)         Puse Wave Doppler (PWD)         S-Flow TM Mode         M-Mode (M)         Anatomical M Mode         Single/ Dual/Quad Mode         ElastoScan Mode - Shear Wave         Cine         - Capacity : 500 MB         - Caracity : 500 MB         - Capacity : 500 MB		Frequency: 50/60 Hz			
Power Consumption: Max, 620 VA with Peripherals         Heat Dissipation: 27297 [BTU/h]         System Noise: under 40dBA [MAX.]         Frequency: 50/60 Hz         Voltage 100 - 240 VAC         Power Consumption: Max, 620 VA with Peripherals         Heat Dissipation: 27297 [BTU/h]         System Noise: under 40dBA [MAX.]         Operation         B - Mode (2D)         Color Doppler Mode (C)         Puse Wave Doppler (PWD)         S-Flow TM Mode         M-Mode (M)         Anatomical M Mode         Single/ Dual/Quad Mode         ElastoScan Mode - Shear Wave         Cine         - Capacity : 500 MB         - Caracity : 500 MB         - Capacity : 500 MB		Voltage : 100 ~ 240 VAC			
Heat Dissipation: 27:297 [BTU/h]         System Noise: under 40dBA [MAX.]         Frequency: 50/60 Hz         Voltage 100 ~ 240 VAC         Power Consumption: Max, 620 VA with Peripherals         Heat Dissipation: 27:297 [BTU/h]         System Noise: under 40dBA [MAX.]         Operation         B - Mode (2D)         Color Doppler Mode (C.)         Puse Wave Doppler (PWD)         S-Flow TM Mode         M-Mode (M)         Anatomical M Mode         Single/Dual/Quad Mode         ElastoScan Mode - Shear Wave         Cine         Cone loop: Max. 14,000 Lines         - Image storage: Max. 45,000 Frames / 60 Sec.         Built-in Fquipotential Circuit         Ultrasound         3 years on parts and service for the console,         With quarterly preventive maintenance service.         Provision of User/Technical / maintenance manuals         Training of Technicatars with company ultrasound         specialist.         2       UltrasOUND MACHINE         Color-coded overlay for real-time blood flow         imaging       Harmonic imaging for increased signal-to-noise ratio         and reduced artifacts       from side lobes, grating lobes and reverberations, resulting in superior         tissue defini		0			
System Noise: under 40dBA [MAX.]         Frequency: 50/60 Hz         Voltage 100 - 240 VAC         Power Consumption: Max, 620 VA with Peripherals         Heat Dissipation: 2:729 / IBTU/h]         System Noise: under 40dBA [MAX.] <b>Operation</b> B - Mode (2D)         Color Doppler Mode (C)         Puse Wave Doppler (PWD)         S-Flow TM Mode         M-Mode (M)         Anatomical M Mode         Single/Dual/Quad Mode         ElastoScan Mode - Shear Wave         Cine         - Capacity : 500 MB         - Cine toop: Max. 14,000 Lines         - Image storage: Max. 45,000 Frames / 60 Sec.         Built-in Equipotential Circuit         Ultrasound         3 years on parts and service for the console,         With quarterly preventive maintenance service.         Provision of User/Technical /maintenance manuals         Training of Technicians with company ultrasound         specialist.         2       ULTRASOUND MACHINE         (Portable)       Unit         128 physical channel beamforming         Black-and-white mode for displaying anatomy in         real-time         Color-coded overlay for real-time blood flow         imaging <th></th> <th></th> <th></th> <th></th> <th></th>					
Frequency: 50/60 Hz         Voltage 100 ~ 240 VAC         Power Consumption: Max, 620 VA with Peripherals         Heat Dissipation: 27/29 / [BTU/h]         System Noise: under 40dBA [MAX.]         Operation         B - Mode (2D)         Color Doppler Mode (C)         Puse Wave Doppler (PWD)         S-How TM Mode         M-Mode (M)         Anatomical M Mode         Single/Dual/Quad Mode         ElastoScan Mode - Shear Wave         Cine         - Capacity: 500 MB         - Cine loop: Max. 14,000 Lines         - Image storage: Max 45,000 Frames / 60 Sec.         Built-in Equipotential Circuit         Ultrasound         3 years on parts and service for the console,         With quarterly preventive maintenance service.         Provision of User/Technical /maintenance manuals         Training of Technicans with company ultrasound         specialist.         2       ULTRASOUND MACHINE         (Portable)       Use for code overlay for real-time blood flow imaging         Image in superior       tissue definition and reduced speckle artifacts.         from side lobes, grating lobes and reverberations, resulting in superior       tissue definition and reduced speckle artifacts.         With the greater penetration		•			
Voltage 100 ~ 240 VAC         Power Consumption: Max, 620 VA with Peripherals         Heat Dissipation: 2:729.7 [BTU/h]         System Noise: under 40dBA [MAX.]         Operation         B - Mode (2D)         Color Doppler Mode (C)         Puse Wave Doppler (PWD)         S-Flow TM Mode         M-Mode (M)         Anatomical M Mode         Single/Dual/Quad Mode         ElastoScan Mode - Shear Wave         Cine         - Capacity : 500 MB         - Cine Ioop: Max. 14,000 Lines         - Image storage: Max. 45,000 Frames / 60 Sec.         Built-in Equipotential Circuit         Ultrasound         3 years on parts and service for the console,         With quarterly preventive maintenance service.         Provision of User/Technical /maintenance manuals         Training of Technicians with company ultrasound         specialist.         2       ULTRASOUND MACHINE         (Portable)       Unit         128 physical channel beamforming         Black-and-white mode for displaying anatomy in real-time         Color-coded overlay for real-time blood flow imaging         Harmonic imaging of increased signal-to-noise ratio and reduced artifacts         With the greater penetration of lower ultrasound frequencies,					
Power Consumption: Max, 620 VA with Peripherals         Heat Dissipation: 2,729.7 [BTU/h]         System Noise: under 404BA [MAX.]         Operation         B - Mode (2D)         Color Doppler Mode (C)         Puse Wave Doppler (PWD)         S-Flow TM Mode         M-Mode (M)         Anatomical M Mode         Single/Dual/Quad Mode         FlastoScan Mode - Shear Wave         Cine         - Capacity : 500 MB         - Cine loop: Max. 14,000 Fines         - Image storage: Max. 45,000 Frames / 60 Sec.         Built-in Equipotential Circuit         Ultrasound         3 years on parts and service for the console,         With quarterly preventive maintenance service.         Provision of User/Technical /maintenance manuals         Training of Technicians with company ultrasound         specialist.         2       ULTRASOUND MACHINE         (Portable)       Unit         128 physical channel beamforming         Black-and-white mode for displaying anatomy in         real-time       Color-coded overlay for real-time blood flow         imaging       Harmonic imaging for increased signal-to-noise ratio         and reduced attfacts       From side lobes, grating lobes and reverberations, <tr< th=""><th></th><th></th><th></th><th></th><th></th></tr<>					
Heat Dissipation: 279:7 [BTU/h]         System Noise: under 40dBA [MAX.]         Operation         B - Mode (2D)         Color Doppler Mode (C)         Puse Wave Doppler (PWD)         S-Flow TM Mode         M-Mode (M)         Anatomical M Mode         Single/Dual/Quad Mode         ElastoScan Mode - Shear Wave         Cine         - Capacity: 500 MB         - Cine loop: Max: 14,000 Lines         - Image storage: Max. 45,000 Frames / 60 Sec.         Built-in Equipotential Circuit         Ultrasound         3 years on parts and service for the console,         With quarterly preventive maintenance service.         Provision of User/Technical / maintenance manuals         Training of Technicians with company ultrasound         specialist.         Particians         2       ULTRASOUND MACHINE         (Portable)         128 physical channel beamforming         Black-and-white mode for displaying anatomy in real-time         Color-coded overlay for real-time blood flow imaging         Harmonic imaging for increased signal-to-noise ratio and reduced artifacts         from side lobes, grating lobes and reverberations, resulting in superior         tissue definitition and reduced speckle artifacts.		0			
System Noise: under 40dBA [MAX.]         Operation         B - Mode (2D)         Color Doppler Mode (C)         Puse Wave Doppler (PWD)         S-Flow TM Mode         M-Mode (M)         Anatomical M Mode         Single/Dual/Quad Mode         ElastoScan Mode - Shear Wave         Cine         - Capacity : 500 MB         - Cine loop: Max. 14,000 Lines         - Image storage: Max. 45,000 Frames / 60 Sec.         Built-in Equipotential Circuit         Ultrasound         3 years on parts and service for the console,         With quarterly preventive maintenance service.         Provision of User/Technical / maintenance manuals         Training of Technicians with company ultrasound         specialist.         2       ULTRASOUND MACHINE         (Portable)       Unit         128 physical channel beamforming         Black-and-white mode for displaying anatomy in real-time         Color-coded overlay for real-time blood flow imaging         Harmonic imaging for increased signal-to-noise ratio and reduced artifacts.         With the greater pnetration of lower ultrasound frequencies, high-quality         harmonic imaging at greater depth can be performed.         Selectable centerline marker         Selectab		Power Consumption: Max, 620 VA with Peripherals			
System Noise: under 40dBA [MAX.]         Operation         B - Mode (2D)         Color Doppler Mode (C)         Puse Wave Doppler (PWD)         S-Flow TM Mode         M-Mode (M)         Anatomical M Mode         Single/Dual/Quad Mode         ElastoScan Mode - Shear Wave         Cine         - Capacity : 500 MB         - Cine loop: Max. 14,000 Lines         - Image storage: Max. 45,000 Frames / 60 Sec.         Built-in Equipotential Circuit         Ultrasound         3 years on parts and service for the console,         With quarterly preventive maintenance service.         Provision of User/Technical / maintenance manuals         Training of Technicians with company ultrasound         specialist.         2       ULTRASOUND MACHINE         (Portable)       Unit         128 physical channel beamforming         Black-and-white mode for displaying anatomy in real-time         Color-coded overlay for real-time blood flow imaging         Harmonic imaging for increased signal-to-noise ratio and reduced artifacts.         With the greater pnetration of lower ultrasound frequencies, high-quality         harmonic imaging at greater depth can be performed.         Selectable centerline marker         Selectab		Heat Dissipation: 2,729.7 [BTU/h]			
Operation       B - Mode (2D)         Color Doppler Mode (C)       Puse Wave Doppler (PWD)         S-Flow TM Mode       M-Mode (M)         Anatomical M Mode       Single/Dual/Quad Mode         ElastoScan Mode - Shear Wave       Cine         - Capacity : 500 MB       - Cine toop: Max. 14,000 Lines         - Image storage: Max. 45,000 Frames / 60 Sec.       Built-in Equipotential Circuit         Ultrasound       3 years on parts and service for the console,         With quarterly preventive maintenance service.       Provision of User/Technical / maintenance manuals         Training of Technicians with company ultrasound specialist.       Unit       2         2       ULTRASOUND MACHINE (Portable)       Unit       2         128 physical channel beamforming       Black-and-white mode for displaying anatomy in real-time       Color-coded overlay for real-time blood flow imaging         Harmonic imaging for increased signal-to-noise ratio and reduced artifacts       from side lobes, grating lobes and reverberations, resulting in superior         tissue definition and reduced speckle artifacts.       With the greater pnetration of lower ultrasound frequencies, high-quality         harmonic imaging at greater depth can be performed.       Selectable conterline marker         Selectable conterline marker       Selectable focal zone marker         Selectable focal zone marker       Selectable foca		•			
B- Mode (2D)         Color Doppler Mode (C)         Puse Wave Doppler (PWD)         S-Flow TM Mode         M-Mode (M)         Anatomical M Mode         Single/Dual/Quad Mode         ElastoScan Mode - Shear Wave         Cine         Cine loop: Max. 14.000 Lines         - Image storage: Max. 45.000 Frames / 60 Sec.         Built-in Equipotential Circuit         Ultrasound         3 years on parts and service for the console,         With quarterly preventive maintenance service.         Provision of User/Technical / maintenance manuals         Training of Technicians with company ultrasound         specialist.         2       ULTRASOUND MACHINE         (Portable)       Unit         128 physical channel beamforming         Black-and-white mode for displaying anatomy in         real-time       Color-coded overlay for real-time blood flow         imaging       Harmonic imaging for increased signal-to-noise ratio         and reduced artifacts       from side lobes, grating lobes and reverberations,         resulting in superior       tissue definition and reduced speckle artifacts.         With the greater penetration of lower ultrasound       frequencies, high-quality         harmonic imaging at greater depth can be       perf		System (Volse, under foubri [imbi.]			
B- Mode (2D)         Color Doppler Mode (C)         Puse Wave Doppler (PWD)         S-Flow TM Mode         M-Mode (M)         Anatomical M Mode         Single/Dual/Quad Mode         ElastoScan Mode - Shear Wave         Cine         Cine loop: Max. 14.000 Lines         - Image storage: Max. 45.000 Frames / 60 Sec.         Built-in Equipotential Circuit         Ultrasound         3 years on parts and service for the console,         With quarterly preventive maintenance service.         Provision of User/Technical / maintenance manuals         Training of Technicians with company ultrasound         specialist.         2       ULTRASOUND MACHINE         (Portable)       Unit         128 physical channel beamforming         Black-and-white mode for displaying anatomy in         real-time       Color-coded overlay for real-time blood flow         imaging       Harmonic imaging for increased signal-to-noise ratio         and reduced artifacts       from side lobes, grating lobes and reverberations,         resulting in superior       tissue definition and reduced speckle artifacts.         With the greater penetration of lower ultrasound       frequencies, high-quality         harmonic imaging at greater depth can be       perf		Operation			
Color Doppler Mode (C)         Puse Wave Doppler (PWD)         S-Flow TM Mode         M-Mode (M)         Anatomical M Mode         Single /Dual/Quad Mode         ElastoScan Mode - Shear Wave         Cine         - Capacity : 500 MB         - Cine loop: Max. 14,000 Lines         - Image storage: Max. 45,000 Frames / 60 Sec.         Built-in Equipotential Circuit         Ultrasound         3 years on parts and service for the console,         With quarterly preventive maintenance service.         Provision of User/Technical / maintenance manuals         Training of Technicians with company ultrasound         specialist.         2       ULTRASOUND MACHINE         (Portable)       Unit         128 physical channel beamforming         Black-and-white mode for displaying anatomy in real-time         Color-coded overlay for real-time blood flow imaging         Harmonic imaging for increased signal-to-noise ratio and reduced artifacts         from side lobes, grating lobes and reverberations, resulting in superior         tissue definition and reduced speckle artifacts.         With the greater penetration of lower ultrasound frequencies, high-quality         harmonic imaging at greater depth can be performed.         Selectable focal zone marker					
Puse Wa've Doppler (PWD)         S-Flow TM Mode         M-Mode (M)         Anatomical M Mode         Single/Dual/Quad Mode         ElastoScan Mode - Shear Wave         Cine         Cine loop: Max. 14,000 Lines         - Image storage: Max. 45,000 Frames / 60 Sec.         Built-in Equipotential Circuit         Ultrasound         3 years on parts and service for the console,         With quarterly preventive maintenance service.         Provision of User/Technical /maintenance manuals         Training of Technicians with company ultrasound         specialist.         2       ULTRASOUND MACHINE         (Portable)       Unit         128 physical channel beamforming         Black-and-white mode for displaying anatomy in real-time         Color-coded overlay for real-time blood flow imaging         Harmonic imaging for increased signal-to-noise ratio and reduced artifacts         from side lobes, grating lobes and reverberations, resulting in superior         tissue definition and reduced speckle artifacts.         With the greater penetration of lower ultrasound frequencies, high-quality         harmonic imaging at greater depth can be performed.         Selectable focal zone marker         Selectable focal zone marker         Selectable Tack contol with					
Puse Wa've Doppler (PWD)         S-Flow TM Mode         M-Mode (M)         Anatomical M Mode         Single/Dual/Quad Mode         ElastoScan Mode - Shear Wave         Cine         Cine loop: Max. 14,000 Lines         - Image storage: Max. 45,000 Frames / 60 Sec.         Built-in Equipotential Circuit         Ultrasound         3 years on parts and service for the console,         With quarterly preventive maintenance service.         Provision of User/Technical /maintenance manuals         Training of Technicians with company ultrasound         specialist.         2       ULTRASOUND MACHINE         (Portable)       Unit         128 physical channel beamforming         Black-and-white mode for displaying anatomy in real-time         Color-coded overlay for real-time blood flow imaging         Harmonic imaging for increased signal-to-noise ratio and reduced artifacts         from side lobes, grating lobes and reverberations, resulting in superior         tissue definition and reduced speckle artifacts.         With the greater penetration of lower ultrasound frequencies, high-quality         harmonic imaging at greater depth can be performed.         Selectable focal zone marker         Selectable focal zone marker         Selectable Tack contol with		Color Doppler Mode (C)			
S-Flow TM Mode         M-Mode (M)         Anatomical M Mode         Single/Dual/Quad Mode         ElastoScan Mode - Shear Wave         Cine         - Capacity : 500 MB         - Cine loop: Max. 14,000 Lines         - Image storage: Max. 45,000 Frames / 60 Sec.         Built-in Equipotential Circuit         Ultrasound         3 years on parts and service for the console,         With quarterly preventive maintenance manuals         Training of Technicial maintenance manuals         Training of Technicians with company ultrasound         specialist.         2       ULTRASOUND MACHINE         (Portable)         128 physical channel beamforming         Black-and-white mode for displaying anatomy in         real-time         Color-coded overlay for real-time blood flow         imaging         Harmonic imaging for increased signal-to-noise ratio         and reduced artifacts         from side lobes, grating lobes and reverberations,         resulting in superior         tissue definition and reduced speckle artifacts.         With the greater penetration of lower ultrasound         frequencies, high-quality         harmonic imaging at greater depth can be         performed. <td></td> <td></td> <td></td> <td></td> <td></td>					
M-Mode (M)         Anatomical M Mode         Single/Dual/Quad Mode         ElastoScan Mode - Shear Wave         Cine         - Capacity : 500 MB         - Cine loop: Max, 14,000 Lines         - Image storage: Max, 45,000 Frames / 60 Sec.         Built-in Equipotential Circuit         Ultrasound         3 years on parts and service for the console,         With quarterly preventive maintenance service.         Provision of User/Technical / maintenance manuals         Training of Technicians with company ultrasound         specialist.         ULTRASOUND MACHINE         ULTRASOUND MACHINE         VLTRASOUND MACHINE         Color-coded overlay for real-time blood flow imaging         Harmonic imaging for increased signal-to-noise ratio and reduced artifacts         from side lobes, grating lobes and reverberations, resulting in superior         tissue definition and reduced speckle artifacts.         With the greater penetration of lower ultrasound frequencies, high-quality         harmonic imaging at greater depth can be performed.         Selectable Control with 6 depth-dependent gain controls         Selectable ToGZ control with 6 depth-dependent gain controls         Total scan time of 50 minutes with fully charged battery (with 80% black and white, 20% color imaging)					
Anatomical M Mode         Single/Dual/Quad Mode         ElastoScan Mode - Shear Wave         Cine         - Capacity: 500 MB         - Cine loop: Max. 14,000 Lines         - Image storage: Max. 45,000 Frames / 60 Sec.         Built-in Equipotential Circuit         Ultrasound         3 years on parts and service for the console,         With quarterly preventive maintenance service.         Provision of User/Technical / maintenance manuals         Training of Technicians with company ultrasound         specialist.         2       ULTRASOUND MACHINE         (Portable)       Unit         128 physical channel beamforming         Black-and-white mode for displaying anatomy in real-time         Color-coded overlay for real-time blood flow imaging         Harmonic imaging for increased signal-to-noise ratio and reduced artifacts         from side lobes, grating lobes and reverberations, resulting in superior         tissue definition and reduced speckle artifacts.         With the greater penetration of lower ultrasound frequencies, high-quality         harmonic imaging at greater depth can be performed.         Selectable conterline marker         Selectable TGC control with 6 depth-dependent gain controls         Total scan time of 50 minutes with fully charged battery (with 80% black and white, 20% color					
Single/Dual/Quad Mode         EllastoScan Mode - Shear Wave         Cine         - Capacity : 500 MB         - Cine loop: Max. 14,000 Lines         - Image storage: Max. 45,000 Frames / 60 Sec.         Built-in Equipotential Circuit         Ultrasound         3 years on parts and service for the console,         With quarterly preventive maintenance service.         Provision of User/Technical / maintenance manuals         Training of Technicians with company ultrasound         specialist.         2       ULTRASOUND MACHINE         (Portable)       Unit         128 physical channel beamforming         Black-and-white mode for displaying anatomy in real-time         Color-coded overlay for real-time blood flow imaging         Harmonic imaging for increased signal-to-noise ratio and reduced artifacts         from side lobes, grating lobes and reverberations, resulting in superior         tissue definition and reduced speckle artifacts.         With the greater penetration of lower ultrasound frequencies, high-quality         harmonic imaging at greater depth can be performed.         Selectable Cocours with 6 depth-dependent gain controls         Total scan time of 50 minutes with fully charged battery (with 80% black and white, 20% color imaging)					
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charge probe	
Recharge battery in 75 minutes from 10% to 90%	
battery capacity	
Dimensions: 131 x 64 x 31 mm	
Weight: 205 +/- 3 grams	
IP67 rated	
Curved array transducer for deep scanning	
Specific clinical applications and exam types include	
abdominal, fetal/obstetrics, gynecologica	l,
urology, thoracic/lung, cardiac (adult and	
pediatric, 40 kg and above), vascular/periphera	al
vascular, musculoskeletal	
(conventional), pediatrics, interventional guidance	re l
(includes free hand	
needle/catheter placement, fluid drainage, nerv	70
	e
block and biopsy)	
Broad-bandwidth curved array: from 2 - 5 MHz wit	h
center frequency of 3.3 MHz	
Number of elements: 128	
Footprint: 64 mm x 16 mm (lens)	
Viewing angle: 60°	
Depth: up to 24 cm	
"Linear array transducer for shallow scanning"	
Specific clinical applications and exam types include	
vascular/peripheral vascular, musculoskeletal	
(conventional and superficial), small organs	S,
thoracic/lung, ophthalmic, pediatrics, neonatal	
cephalic, interventional guidance (includes fre	e
hand needle/catheter placement, fluid drainage,	
nerve block, vascular access and biopsy)	
Broad-bandwidth linear array: from 3 - 12 MHz wit	h
center frequency of 7.7 MHz	
1 5	
Number of elements: 192	
Footprint: 40 mm x 7 mm (lens)	
Depth: up to 8 cm	
Data Storage	
Patient data identification:	
Manual data entry of patient information for a	n
exam	
Select from DICOM Modality Worklist on request.	
Such worklist supports consistent labeling of images	
video clips and exams before export to DICOM	VI I
PACS.	
Exam data on device	
Data for up to 500 exams can be stored on mobil	e
device	
Data is stored in generic formats: jpg for still frame	s,
mpg for videos	
Complementing storage of binary image data can b	
selected. Such data could be useful for	
further image analytics in collaboration with GE.	
Data is organized as individual examinations wit	n
collection of images and can be linked with	
"patient identification"	
All stored data can be recalled for review	
Data export	
Anonymized images and videos can be shared wit	h l l l
other apps available on smart device	
	, t
Images, video clips or exams with or without patier	u
information can be wirelessly exported in	
generic formats (jpg, mp4) to shared network folder	
Images, video clips or exams with patier	nt
information can be wirelessly exported in DICOM	
format	
	· · · · · ·

to DICOM PACS		
Supported DICOM services		
"Verify"		
Modality Worklist		
Store		
Storage Commitment		
Secure DICOM (TLS)		
Supported Mobile Platform		
Operating system options		
Operating system options		
Android phones and tablets with OS version 9, 10 or		
11, device with 0x64 ARM based CPU		
architecture and 64-bit Kernel, Android open GL ES		
3.0, and compatibility with Google Play <sup>™</sup> store		
iPad and iPhone devices with iOS 13 or 14		
Screen requirements		
Size: from 5 to 20 inches		
960 x 640 (or 640 x 960) pixel or more		
Internal memory requirements		
8GB or more		
Connectivity requirements		
IEEE 802.11n		
Peer-to-peer connectivity (Android only)		
Bluetooth BLE 4.0		
Security requirements		
WPA2 <sup>TM</sup>		
Data on device must be encrypted and		
authentication enabled		
***		

I hereby certify to comply and deliver all the above requirements.

Name: \_\_\_\_\_

Legal Capacity: \_\_\_\_\_

Signature: \_\_\_\_\_

Duly authorized to sign the Bid for and behalf of: \_\_\_\_\_

Schedule of Requirements Page 4 of 4 Line 1

## Section VI. Schedule of Requirements

#### PROJECT NAME: *LINE 2: PROCUREMENT OF VIRAL LOAD MACHINE* PROJECT NO. *QCGH-22-HME-1714*

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

Item Number	Description	Unit of Issue	Quantity	Delivered, Weeks / Months
	With minimum technical specifications:			
1	VIRAL LOAD MACHINE	Unit	1	
	<ul> <li>Single-use cartridge-based Nucleic-Acid Amplification Test (NAAT)</li> <li>Real-time PCR technology with 6-channel excitation and detection optic integrating sample prep, amplification and detection</li> <li>Small foot-print and can be used as Point-of-Care equipment</li> <li>With Desktop/Computer System (Brand and specification of the Computer system is subject to change without prior notice, therefore the brand and specification of the Computer is based on Manufacturer's recommendation)</li> <li>With barcode scanner for cartridge and/or sample ID (included in the GeneXpert System)</li> <li>Capable of detecting Mycobacterium Tuberculosis and rifampicin resistance as well as testing for HIV and HCV Viral Load and other co-infectious diseases</li> <li>Physical Dimension of the Main Processing Unit: • Not more than: 30cm width, 32cm height, 30cm depth</li> <li>Optics: • Dye detection limit: 1<mm Reaction Site Thermal Controls: • Solid state heater and forced-sir cooling at each site • Reaction chamber thermistors calibrated to + 1.0 0C using National Institute of Standards and Technology (NIST)- traceable standards, • 4 independently-controlled reaction sites</mm </li> <li>Performance Parameters: • Heating Ramp Rates (max): 10 0C/sec from 50 0C to 95 0C, • Cooling Ramp Rates (max): 2.5 0C/sec from 95 0C to 50 0C</li> <li>• Temperature Duration Accuracy: + 1.0 sec from programmed time, • Temperature Accuracy: + 1.0 sec from 60 0C to 95 0C</li> <li>• Melt Curve Programmable Ramp Rates: 0.01 0C/sec to 1.0 0C/sec</li> <li>Power Requirement: • 100 - 240 V (Auto-Volt) ; 50 - 60 Hz; Single Phase</li> </ul>			Within One Hundred Forty-Five (45) Calendar Days Upon Issuance of Notice to Proceed

I hereby certify to comply and deliver all the above requirements.

Name: \_\_\_\_\_

Legal Capacity: \_\_\_\_\_

Signature: \_\_\_\_\_

Duly authorized to sign the Bid for and behalf of: \_\_\_\_\_

Schedule of Requirements Page 2 of 2 Line 2

#### 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** PROJECT NAME: *LINE 1: PROCUREMENT OF PORTABLE ULTRASOUND* MACHINE AND ULTRASOUND CONSOLE MACHINE WITH ELASTOGRAPHY PROJECT NO. QCGH-22-HME-1714

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.]
А	With Minimum Technical Specifications:	
1.	ULTRASOUND CONSOLE MACHINE WITH ELASTROGRAPHY	
	4 Active Probe ports 4 Swivel wheel Cart based type Articulated Monitor Arm Built in Printer Storages Ergonomic Operation Panel Touch Screen Alpha-Numeric Keyboard Trackball Probe Holder/Gel Holder Front Handles Integrated PC Module Window 10 lot Enterprise Integrated SSD Gel Warmer (Optional) <b>Main Monitor</b> 21.5 inches High Resolution LED Monitor Resolution: 1.920 x 1.08 (16.9) Number of Color: 16.7 M Brightness Adjustment Interactive Dynamic Software Menu Articulated Monitor Arm <b>Proves</b> <b>CONVEX PROVE (2-8mHZ) Application: Abdomen,</b> <b>OB GYN</b> Band Width: 2~8 Mhz Radius of Curvature : 60.365 mm Field of view : 58" <b>ENDOCAVITARY PROBE (4-9mHZ) Application:</b>	

	Band Width: 4 ~ 9 MHz	
	Radius of curvature : 10.073 mm	
	Field of view : 148.092°	
	Number of elements : 128	
	LINEAR PROBE (3-16 Mhz) Application:	
	Abdomen, MSK, Small Parts, Vascular, OB, GYN,	
	Pediatric	
	Band Width: 3 ~ 16 MHz	
	Radius of curvature : Flat	
	Field of View: 38.4 mm	
	Number of elements : 192	
	PC	
	Main Processor: Intel I3 -8100H	
	Main Memory : 8 GB	
	Built-in SSD: 512GB	
	Standard	
	Black and White Thermal Printer	
	Online UPS	
	Wireless Lan	
	RIS Web Browser	
	E-Strain	
	S-Detect for Breast	
	ElastoScan Mode – shear wave	
	Electrical Specification	
	Frequency: 50/60 Hz	
	Voltage : 100 ~ 240 VAC	
	Power Consumption: Max, 620 VA with Peripherals	
	Heat Dissipation: 2,729.7 [BTU/h]	
	· · · ·	
	System Noise: under 40dBA [MAX.]	
	Frequency: 50/60 Hz	
	Voltage 100 ~ 240 VAC	
	Power Consumption: Max, 620 VA with Peripherals	
	Heat Dissipation: 2,729.7 [BTU/h]	
	System Noise: under 40dBA [MAX.]	
	Operation	
	B - Mode (2D)	
	Color Doppler Mode (C)	
	Puse Wave Doppler (PWD)	
	S-Flow TM Mode	
	M-Mode (M)	
	Anatomical M Mode	
	Single/Dual/Quad Mode	
	ElastoScan Mode - Shear Wave	
	Cine	
	- Capacity : 500 MB	
	- Cine loop: Max. 14,000 Lines	
	- Image storage: Max. 45,000 Frames / 60 Sec.	
	Built-in Equipotential Circuit	
	Ultrasound	
	3 years on parts and service for the console,	
	With quarterly preventive maintenance service.	
	1 / 1	
	Provision of User/Technical / maintenance manuals	
	Training of Technicians with company ultrasound	
	specialist.	
2	ULTRASOUND MACHINE	
	(Portable)	
	128 physical channel beamforming	
	Black-and-white mode for displaying anatomy in real-	
	1,0,0,1	
	time	
	Color-coded overlay for real-time blood flow imaging	
	Harmonic imaging for increased signal-to-noise ratio	
	and reduced artifacts	

	from side lobes, grating lobes and reverberations,
	resulting in superior
	tissue definition and reduced speckle artifacts.
	With the greater penetration of lower ultrasound
	frequencies, high-quality
	harmonic imaging at greater depth can be performed.
	Selectable centerline marker
	Selectable focal zone marker
	Selectable TGC control with 6 depth-dependent gain
	controls
	Total scan time of 50 minutes with fully charged
	battery (with 80% black and
	white, 20% color imaging)
	Any Qi-compliant wireless charger can be used to
	charge probe
	Recharge battery in 75 minutes from 10% to 90%
	battery capacity
	Dimensions: 131 x 64 x 31 mm
	Weight: 205 +/- 3 grams
	IP67 rated
	Curved array transducer for deep scanning
	Specific clinical applications and exam types include:
	abdominal, fetal/obstetrics, gynecological, urology,
	thoracic/lung, cardiac (adult and
	pediatric, 40 kg and above), vascular/peripheral
	vascular, musculoskeletal
	(conventional), pediatrics, interventional guidance
	(includes free hand
	needle/catheter placement, fluid drainage, nerve
	block and biopsy)
	Broad-bandwidth curved array: from 2 - 5 MHz with
	center frequency of 3.3 MHz
	Number of elements: 128
	Footprint: 64 mm x 16 mm (lens)
	Viewing angle: 60°
	Depth: up to 24 cm
	"Linear array transducer for shallow scanning"
	Specific clinical applications and exam types include:
	vascular/peripheral vascular, musculoskeletal
	(conventional and superficial), small organs,
	thoracic/lung, ophthalmic, pediatrics, neonatal
	cephalic, interventional guidance (includes free hand
	needle/catheter placement, fluid drainage,
	nerve block, vascular access and biopsy)
	Broad-bandwidth linear array: from 3 - 12 MHz with
	center frequency of 7.7 MHz
	Number of elements: 192
	Footprint: 40 mm x 7 mm (lens)
	-
	Depth: up to 8 cm
	Data Storage Patient data identification:
	Manual data entry of patient information for an exam
	Select from DICOM Modality Worklist on request.
	Such worklist supports consistent labeling of images,
	video clips and exams before export to DICOM PACS.
1	Exam data on device
1	
	Data for up to 500 exams can be stored on mobile
	device
	device Data is stored in generic formats: jpg for still frames,
	device Data is stored in generic formats: jpg for still frames, mpg for videos
	device Data is stored in generic formats: jpg for still frames, mpg for videos Complementing storage of binary image data can be
	device Data is stored in generic formats: jpg for still frames, mpg for videos

	Data is superiord as indicitient constructions (1)	
	Data is organized as individual examinations with	
	collection of images and can be linked with	
	"patient identification"	
	All stored data can be recalled for review	
	Data export	
	Anonymized images and videos can be shared with	
	other apps available on smart device	
	Images, video clips or exams with or without patient	
	information can be wirelessly exported in	
	generic formats (jpg, mp4) to shared network folders	
	Images, video clips or exams with patient information	
	can be wirelessly exported in DICOM format	
	to DICOM PACS	
	Supported DICOM services	
	"Verify"	
	Modality Worklist	
	Store	
	Storage Commitment	
	Secure DICOM (TLS)	
	Supported Mobile Platform	
	Operating system options	
	Operating system options	
	Android phones and tablets with OS version 9, 10 or	
	11, device with 0x64 ARM based CPU	
	architecture and 64-bit Kernel, Android open GL ES	
	3.0, and compatibility with Google Play <sup>™</sup> store	
	iPad and iPhone devices with iOS 13 or 14	
	Screen requirements	
	Size: from 5 to 20 inches	
	960 x 640 (or 640 x 960) pixel or more	
	Internal memory requirements	
	8GB or more	
	Connectivity requirements	
	IEEE 802.11n	
	Peer-to-peer connectivity (Android only)	
	Bluetooth BLE 4.0	
	Security requirements WPA2 <sup>™</sup>	
	Data on device must be encrypted and authentication	
	enabled	
В.	Compliance to the Schedule of Requirements	
	(Section VI)	
ι		

I hereby certify to comply and deliver all the above requirements.

Name: \_\_\_\_\_

Legal Capacity: \_\_\_\_\_

Signature: \_\_\_\_

Duly authorized to sign the Bid for and behalf of: \_\_\_\_\_

Technical Specifications Page 4 of 4 Line 1

# **Technical Specifications** PROJECT NAME: *LINE 2: PROCUREMENT OF VIRAL LOAD MACHINE* PROJECT NO. *QCGH-22-HME-1714*

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.]
A	With minimum technical specifications:	
1	<ul> <li>VIRAL LOAD MACHINE Single-use cartridge-based Nucleic-Acid Amplification Test (NAAT) <ul> <li>Real-time PCR technology with 6-channel excitation and detection optic integrating sample prep, amplification and detection</li> <li>Small foot-print and can be used as Point-of-Care equipment <ul> <li>With Desktop/Computer System (Brand and specification of the Computer system is subject to change without prior notice, therefore the brand and specification of the Computer is based on Manufacturer's recommendation)</li> </ul> </li> <li>With barcode scanner for cartridge and/or sample ID (included in the GeneXpert System)</li> <li>Capable of detecting Mycobacterium Tuberculosis and rifampicin resistance as well as testing for HIV and HCV Viral Load and other co-infectious diseases</li> </ul> </li> <li>Physical Dimension of the Main Processing Unit:  <ul> <li>Not more than: 30cm width, 32cm height, 30cm depth</li> </ul> </li> <li>Optics:  <ul> <li>Dye detection limit: 1<mm< li=""> </mm<></li></ul> </li> <li>Reaction Site Thermal Controls: <ul> <li>Solid state heater and forced-sir cooling at each site</li> <li>Reaction chamber thermistors calibrated to + 1.0 OC using National Institute of Standards and Technology (NIST)- traceable standards, <ul> <li>4 independently-controlled reaction sites</li> </ul> </li> </ul></li></ul>	

	<ul> <li>Heating Ramp Rates (max): 10 0C/sec from 50 0C to 95 0C, · Cooling Ramp Rates (max): 2.5 0C/sec from 95 0C to 50 0C</li> <li>Temperature Duration Accuracy: + 1.0 sec from programmed time, · Temperature Accuracy: + 1.0 sec from 60 0C to 95 0C</li> <li>Melt Curve Programmable Ramp Rates: 0.01 0C/sec to 1.0 0C/sec</li> <li>Power Requirement: · 100 - 240 V (Auto-Volt); 50 - 60 Hz; Single Phase</li> </ul>	
В.	Compliance to the Schedule of Requirements (Section VI)	

I hereby certify to comply and deliver all the above requirements.

Name: \_\_\_\_\_

Legal Capacity: \_\_\_\_\_

Signature: \_\_\_\_\_

Duly authorized to sign the Bid for and behalf of: \_\_\_\_\_

## Section VIII. Checklist of Technical and Financial Documents

## Notes on the Checklist of Technical and Financial Documents

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

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

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

#### **Checklist of Technical and Financial Documents** I. TECHNICAL COMPONENT ENVELOPE

#### Class "A" Documents

#### Legal Documents

(a) Valid PhilGEPS Registration Certificate (Platinum Membership) (all pages) 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 (in a FORM prescribed by the QC-BAC-GOODS AND SERVICES); and
- (c) Statement of the bidder's Single Largest Completed Contract (SLCC) similar to the contract to be bid, except under conditions provided for in 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 (in a FORM prescribed by the QC-BAC-GOODS AND SERVICES); 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 Section VI. (Schedule of Requirements) and Section VII. (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) (in a FORM prescribed by the QC-BAC-GOODS AND SERVICES);

#### <u>or</u>

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;

<u>or</u>

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.

#### I. FINANCIAL COMPONENT ENVELOPE

- (a) Original of duly signed and accomplished Financial Bid Form; and
- (b) Original of duly signed and accomplished Price Schedule(s).

#### LINE 1: PROCUREMENT OF PORTABLE ULTRASOUND MACHINE AND ULTRASOUND CONSOLE MACHINE WITH ELASTOGRAPHY

i. Copy of valid, current License to Operate from DOH Accreditation as Supplier, Distributor or Manufacturer for Medical or Hospital Equipment

ii. Authority to Sell from the Manufacturer or Exclusive/Authorized Distributor of the medical equipment being offered

iii. Warranty:

Three (3) years Warranty

At least Three (3) years on parts and service for the console, with quarterly preventive maintenance service.

iv. Certificate of availability of parts shall be available for a period of five (5) years the warranty period.

## □ NOTARIZED AFFIDAVIT OF UNDERTAKING STATING COMPLIANCE FOR THE FOLLOWING:

i. Provision of User/Technical/maintenance manuals

ii. Training of technicians with company ultrasound specialist

#### LINE 2: PROCUREMENT OF VIRAL LOAD MACHINE

 Copy of valid, current License to Operate from DOH Accreditation as Supplier, Distributor or Manufacturer for Medical or Hospital Equipment or Devices
 Authority to Sell from the Manufacturer or Exclusive/Authorized Distributor of the medical equipment being offered

iii. Statement of Warranty: Two (2) years comprehensive warranty for parts and Service.

iv. Certificate of availability of parts shall be available for a period of five (5) years the warranty period

#### Note:

1. Please refer to

[https://drive.google.com/file/d/1uiYurh5WrpBL5B\_pqpzAb62yucAblR1p/view?usp= sharing] for the following requirements:

- a. Computation of NFCC;
- b. List of All Ongoing Contracts/List of Contracts already awarded but not yet started;
- c. Statement of Single Largest Completed Contract
- 2. Please refer to GPPB Resolution No. 16-2020 for the following requirements:
  - a. Bid Form;
  - b. Price Schedule (for Goods Offered from Abroad/ Within the Philippines)
  - c. Bid Securing Declaration; and
  - d. Omnibus Sworn Statement

