

epublic of the Philippines DEPARTMENT OF HEALTH PHILIPPINE CHILDREN'S MEDICAL CENTER

Bids and Awards Committee Quezon Avenue, Quezon City 1100

website: www.pcmc.gov.ph email: bac@pcmc.gov.ph
Trunkline: 8588-9900 local 361/355 Telefax No.: 8924-0870

SECTION I

Invitation to Bid

One (1) Lot Supply, Delivery, Installation, Testing and Commissioning of High-End X-Ray Fluoroscopy Dual Tube, Ceiling Mounted with Workstation with High - End Ultrasound Machine



Republic of the Philippines DEPARTMENT OF HEALTH PHILIPPINE CHILDREN'S MEDICAL CENTER

Quezon Avenue, Quezon City 1100
website: www.pcmc.gov.ph email: officeofthedirector@pcmc.gov.ph
Trunk Line: 8588-9900 to 20 Direct Line: 8924-6601

INVITATION TO BID

 The Philippine Children's Medical Center (PCMC) through the Corporate Operating Budget COB CY 2024 intends to apply the sum of One Hundred Thirty-Two Million Six Hundred Ninety-Five Thousand Pesos (Php 132,695,000.00) being the Approved Budget for the Contract (ABC) to payments under the following Invitation to Bid. Bids received in excess of the ABC shall be automatically rejected at bid opening.

| IB NUMBER | QTY | UNIT | DESCRIPTION | Approved Budget for the Contract (ABC) | Cost of Bidding Docs (PhP) |
|--------------|----------|-----------|---|--|----------------------------------|
| SUPPLY, DELI | VERY, IN | STALLAT | ION, TESTING AND COMMISSIONIN | NG OF: | |
| IB-2024-107 | 1 | lot | Three (3) Set Ceiling Mounted Fan Filter (FFU) System with HEPA Filter System for Perinatal Section | 2,500,000.00 | 5,000.00 |
| IB-2024-108 | 1 | lot | Network Infrastructure Cabling for PCMC Main Building | 11,000,000.00 | 25,000.00 |
| IB-2024-109 | 1 | lot | High-End X-ray Fluoroscopy Dual Tube, Ceiling Mounted with Workstation and High-End Ultrasound Machine | 112,000,000.00 | 50,000.00 |
| DESIGN, SUPP | LY, DELI | VERY, INS | STALLATION, TESTING AND COMM | IISSIONING OF: | |
| IB-2024-110 | 1 | lot | Medical Gas Piping System at Cancer Center Building | 1,900,000.00 | 5,000.00 |
| SUPPLY AND I | DELIVERY | Y OF: | | | |
| IB-2024-111 | 1 | unit | Syringe Infusion Pump | 145,000.00 | 500.00 |
| IB-2024-112 | 1 | unit | Defibrillator with 3 sets of Paddle for Adult, Pedia and Neonate | 1,500,000.00 | 5,000.00 |
| IB-2024-113 | 1 | unit | Laryngoscope All sizes of Blade Straight and Curve | 150,000.00 | 500.00 |
| IB-2024-114 | 1 | unit | Video Laryngoscope | 3,500,000.00 | 5,000.00 |

- 2. The Philippine Children's Medical Center (PCMC) now invites bids for the above-mentioned project. Delivery of the Goods is required as stated in Section VI Schedule of Requirements. Bidders should have completed, within the past 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.
- Bidding will be conducted through open competitive bidding procedures using a nondiscretionary "pass/fail" criterion as specified in the 2016 revised Implementing Rules and Regulations (IRR) of Republic Act (RA) 9184.

PhilHealth Accredited



- 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 PCMC and inspect the Bidding Documents at the address given below during office hours.
- 5. A complete set of Bidding Documents may be acquired by interested Bidders on October 31, 2024 from the given address and websites below upon payment of the applicable fee for the Bidding Documents, pursuant to the latest Guidelines issued by the GPPB, in the amounts stated above (Cost of Bidding Documents). The Procuring Entity shall allow the bidder to present its proof of payment for the fees in person or through electronic means.
- 6. The Philippine Children's Medical Center will hold a Pre-Bid Conference on November 8, 2024, at 10:00 AM through video conferencing via Zoom (Meeting ID: 929 5934 4555 Passcode: 24107114) which shall be open to prospective bidders.
- 7. Bids must be duly received through manual submission on or before November 20, 2024, 1:30 P.M., Guard-on-Duty, 3rd Floor, Procurement Division Area, PCMC Main Building. Late bids shall not be accepted.
- 8. All Bids must be accompanied by a bid security in any of the acceptable forms and in the amount stated in ITB Clause 14.
- 9. Bid opening shall be on November 20, 2024, 2:00 PM, 3rd Floor, Function Hall 2, PCMC Main Building. Bids will be opened in the presence of the Bidders' representatives who choose to attend the activity. In compliance to social distancing and to support the government's effort to mitigate, if not contain transmission of COVID -19, we will strictly allow only one authorized representative per bidder company to enter the venue during opening of bids. Provided further, that said authorized representative shall follow PCMC's safety protocol by wearing a face mask while inside PCMC Premises.
- 10. The Philippine Children's Medical Center (PCMC) 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:

Procurement Division 3rd Floor, PCMC Main Building Quezon Avenue, cor. Sen. Miriam P. Defensor-Santiago Avenue, Ouezon City Trunk line: 8588-9900 Loc 1331 / 1332

Fax Number: 8924-0870 Mobile Number: +63917-8423248

Email: pemebac@gmail.com

12. You may visit the following websites:

For downloading of Bidding Document : www.pcmc.gov.ph www.philgeps.gov.ph

October 31, 2024

tun FRANCIS S. DELA CUESTA, RN, MAN Chairman, Bids & Awards Committee

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Quezon Avenue, Quezon City 1100

website: www.pcmc.gov.ph email: bac@pcmc.gov.ph
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SECTION II

Instructions to Bidders

High-End X-ray Fluoroscopy Dual Tube, Ceiling Mounted with Workstation and High-End Ultrasound Machine

1. Scope of Bid

The Philippine Children's Medical Center (PCMC) wishes to receive Bids for the Project/s per Section I. Invitation to Bid

The above Procurement Projects, 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 per Section I. Invitation to Bid in the amount of **One Hundred Twelve Million Pesos Only (Php 112,000,000.00).**
- 2.2. The source of funding is:
 - b. GOCC and GFIs, the Corporate Operating Budget.

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.
- a. Foreign ownership exceeding those allowed under the rules may participate pursuant to:
 - i. When a Treaty or International or Executive Agreement as provided in Section 4 of the RA No. 9184 and its 2016 revised IRR allow foreign bidders to participate;
 - ii. Citizens, corporations, or associations of a country, included in the list issued by the GPPB, the laws or regulations of which grant reciprocal rights or privileges to citizens, corporations, or associations of the Philippines;
 - iii. When the Goods sought to be procured are not available from local suppliers; or
 - iv. When there is a need to prevent situations that defeat competition or restrain trade.
- 5.3. Pursuant to Section 23.4.1.3 of the 2016 revised IRR of RA No.9184, the Bidder shall have an SLCC that is at least one (1) contract similar to the Project the value of which, adjusted to current prices using the PSA's CPI, must be at least equivalent to:
 - a. For the procurement of Non-expendable Supplies and Services: The Bidder must have completed a single contract that is similar to this Project, equivalent to at least fifty percent (50%) of the ABC.
 - c. For procurement where the Procuring Entity has determined, after the conduct of market research, that imposition of either (a) or (b) will likely result to failure of bidding or monopoly that will defeat the purpose of public bidding: the Bidder should comply with

the following requirements: [Select either failure or monopoly of bidding based on market research conducted]

- i. Completed at least two (2) similar contracts, the aggregate amount of which should be equivalent to at least *fifty percent* (50%) in the case of non-expendable supplies and services or twenty-five percent (25%) in the case of expendable supplies] of the ABC for this Project; and
- ii. The largest of these similar contracts must be equivalent to at least half of the percentage of the ABC as required above.
- 5.4. The Bidders shall comply with the eligibility criteria under Section 23.4.1 of the 2016 IRR of RA No. 9184.

6. Origin of Goods

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

7. Subcontracts

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

The Procuring Entity has prescribed that:

b. Subcontracting is not allowed.

8. Pre-Bid Conference

The Philippine Children's Medical Center will hold a Pre-Bid Conference on July 21, 2023 at 1:30P.M. through video conferencing via zoom (Meeting ID: 965 6753 2827 Passcode: 476252) which shall be open to prospective bidders, as indicated in paragraph 6 of the **IB**.

9. Clarification and Amendment of Bidding Documents

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

10. Documents comprising the Bid: Eligibility and Technical Components

- 10.1. The first envelope shall contain the eligibility and technical documents of the Bid as specified in **Section VIII (Checklist of Technical and Financial Documents)**.
- 10.2. The Bidder's SLCC as indicated in **ITB** Clause 5.3 should have been completed within **the past 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)**.

- If the Bidder claims preference as a Domestic Bidder or Domestic Entity, a certification issued 11.2. 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:
 - For Goods offered from within the Procuring Entity's country:
 - i. The price of the Goods quoted EXW (ex-works, ex-factory, ex-warehouse, exshowroom, or off-the-shelf, as applicable);
 - The cost of all customs duties and sales and other taxes already paid or payable; ii.
 - iii. The cost of transportation, insurance, and other costs incidental to delivery of the Goods to their final destination; and
 - The price of other (incidental) services, if any, listed in e. iv.
 - For Goods offered from abroad:
 - 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.
 - The price of other (incidental) services, if any, as listed in Section VII ii (Technical Specifications).

Bid and Payment Currencies

- 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.

Bid Security 14.

- The Bidder shall submit a Bid Securing Declaration¹ or any form of Bid Security in the amount indicated in the BDS, which shall be not less than the percentage of the ABC in accordance with the schedule in the **BDS**.
- 14.2. The Bid and bid security shall be valid until 120 calendar days. Any Bid not accompanied by an acceptable bid security shall be rejected by the Procuring Entity as non-responsive.

IB 2024-096: One (1) Lot Supply, Delivery, Installation, Testing and Commissioning of Various Radiology Imaging Equipment : One (1) Unit High-End Page 3 of 5 Section II. Instructions to Bidder

Sealing and Marking of Bids

Use of indelible ink color blue shall be used by the authorized signatory in signing the required forms. Strictly NO using of staple wire and thick materials for tab

The First (1st) Envelope, shall contain the following Technical Component accomplished in three (3) sets, each set filed in a folder

The **Second** (2nd) **Envelope** shall contain the **Financial Component** accomplished in three (3) sets, each set filed in a folder, including the USB Flash Drive

All copies should be certified as true copy

| COLOR CODING OF FOLDERS/ENVELOPES | BLUE |
|-----------------------------------|------|
|-----------------------------------|------|

LABEL ON THE ENVELOPE/S:

Name of PROCURING ENTITY Name of CONTRACT TO BE BID IB Number DATE of Bid Opening Name of the Bidder Company Address of the Bidder Company

IDENTIFY THE ENVELOPES:

as: > Technical Component Requirements (original copy, copy 1 and copy 2) > Financial Component Requirement (original, copy 1 and copy 2)

Deadline for Submission of Bids

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

Opening and Preliminary Examination of Bids 17.

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

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

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

Domestic Preference

The Procuring Entity will grant a margin of preference for the purpose of comparison of Bids in 18.1. accordance with Section 43.1.2 of the 2016 revised IRR of RA No. 9184.

Detailed Evaluation and Comparison of Bids

- 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.
- The descriptions of the lots or items shall be indicated in Section VII (Technical 19.3. **Specifications**), although the ABCs of these lots or items are indicated in the **BDS** for purposes of the NFCC computation pursuant to Section 23.4.2.6 of the 2016 revised IRR of RA No. 9184.

- The NFCC must be sufficient for the total of the ABCs for all the lots or items participated in by the prospective Bidder.
- 19.4. The Project shall be awarded as follows:
 - Option 3 One Project having several items, which shall be awarded as separate contracts per item
- Except for bidders submitting a committed Line of Credit from a Universal or Commercial Bank 19.5. 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**

20.2. Within a non-extendible period of five (5) calendar days from receipt by the Bidder of the notice from the BAC that it submitted the Lowest Calculated Bid, 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**.

Signing of the Contract 21.

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.

| CONFORME: | | |
|--|---|-------------------------------|
| Authorized Signatory Signature over printed name | Contact No: | |
| Name of Company/Firm | Company's Official Email Address (where notices will be sent) | Company's Official Contact No |



Bids and Awards Committee

Quezon Avenue, Quezon City 1100 website: www.pcmc.gov.ph email: pcmcbac@gmail.com Trunkline: 8588-9900 local 361/355 Telefax No.: 8924-0870

SECTION III

Bid Data Sheet

High-End X-ray Fluoroscopy Dual Tube, Ceiling Mounted with Workstation and High-End Ultrasound Machine

Bid Data Sheet

| ITB Clause | | | | | |
|------------|--|--|--|--|--|
| 5.3 | For this purpose, contracts similar to the Project shall be: a. Supply, Delivery, Installation, Testing and Commissioning of <i>MEDICAL IMAGING</i> FOURTHMENT | | | | |
| | b. completed within <i>the last three</i> (3) <i>years</i> prior to the deadline for the submission and receipt of bids. | | | | |
| 7.1 | Subcontracting is not allowed. | | | | |
| 12 | The Bid prices for Goods supplied from outside of the Philippines shall be quoted in Philippine Pesos. | | | | |
| 14.1 | The bid security shall be in the form of a Bid Securing Declaration, or any of the following forms and amounts: | | | | |
| | IB No. Qty Unit Item Description Total ABC Bid Security Amount in cash, cashier's/manager's check, bank draft/guarantee or irrevocable letter of credit (2% of ABC) Bid Security Amount in cash, cashier's/manager's check, bank draft/guarantee or irrevocable letter of credit (2% of ABC) | | | | |
| | Supply, Delivery, Installation, Testing and Commissioning of One 1 lot (1) Unit High-End X-ray Fluoroscopy Dual Tube, Ceiling Mounted with Workstation Supply, Delivery, Installation, Testing and Commissioning of One 112,000,000.00 2,240,000.00 5,600,000.00 | | | | |
| 19.3 | Supply, Delivery, Installation, Testing and Commissioning of the Project/s per Section I. Invitation to Bid | | | | |
| 20.2 | The Lowest Calculated Bidder shall submit the following documentary requirements within a non-extendible period of <i>five</i> (5) calendar days from receipt of the notification that contain the following: | | | | |
| | 1. Registration Certificate from the Department of Trade and Industry (DTI) | | | | |
| | <u>OR</u> | | | | |
| | Security and Exchange Commission (SEC), whichever may be appropriate under existing laws of the Philippines | | | | |
| | 2. Mayor's/Business permit issued by the city or municipality where the principal place of business of the prospective bidder is located or the equivalent document for Exclusive Economic Zones or Areas | | | | |
| | 3. CY 2022 Audited Financial Statements and Income Tax Returns filed and taxes paid through the BIR Electronic Filing and Payment System (EFPS) | | | | |
| | 4. Latest Income and Business Tax Returns filed and paid through the BIR Electronic Filing (EFPS) within the last three (3) months | | | | |
| | 5. Certificate of Performance in letterhead of their clients indicating the contact numbers and email addresses signed by the authorized head of the Department from three (3) clients of the bidder issued within the last six (6) months prior to bid opening. | | | | |
| | Note: Certification issued by PCMC – Materials Management Division must | | | | |

be included if bidder had done business with us. Certification of which should be of same category (e.g. equipment/supplies) of project being bided.

6. Valid and current License to Operate (LTO) issued by Food and Drug Administration (FDA). Provided that in case of expired LTO, the application for renewal was made timely as per FDA Circular No. 2011-004.

In case of expired LTO, the following copies may be submitted:

- a. expired LTO;
- b. application for renewal; and
- c. Official Receipt as proof of payment of renewal of LTO
- 7. Exclusive Distributor/Authorized Dealer (as first Tier Distributor to sell/distribute) from the Principal Manufacturer of the equipment duly authenticated by the Philippine Consulate in the country of origin
- 8. Valid and current Certificate of Compliance, issued by an independent certifying body, with ISO 13485: Quality Management System for medical device manufacturing-Requirements for regulatory purposes in the names of the equipment
- 9. Valid Marketing Authorization, Registration Approval or Free Sale Certificate for the equipment issued by the Health Authority in the country of origin
- 10. List and address of the equipment Manufacturer's branch office, sales office and /or distributor's office in Western Europe, USA or Canada and Japan
- 11. Address, contact numbers, e-mail address of the Authorized Service Engineer(s) of the supplier in Metro Manila
- 12. Duly notarized Certificate from Principal Manufacturer/ Distributor that the brand has been present for at least fifteen (15) years in the local/international market and model being bided should not be more than 5 years in local/international market.
- 13. Certificate from the Principal Manufacturer duly notarized from country of origin:
 - a. All the terms and conditions stated in the bidding documents per IRR of RA 9184 and corresponding contract for the project shall be honored by the Principal Manufacturer, including in the event that a change of dealership will occur during the duration of the contract up to the warranty and preventive maintenance period;
 - b. That the offered equipment is brand new, unused and not a discontinued model or was not subjected to product recall;
 - c. The principal must have an existing office in the Philippines for at least fifteen (15) years (attach proof);
 - d. That the manufacturer and the bidder have an ongoing business relationship of a minimum of five (5) years (attach proof)
 - e. The expected useful life of the equipment under normal use (indicate normal capacity, i.e. number of patients, operating hours, other considerations);
 - f. Guarantee on availability of all spare parts, accessories and consumables at least for the next ten (10) years after the expiration of the warranty period.
 - g. That it has the competence in handling and providing technical support as well as capability for corrective and preventive maintenance of the unit:

- h. That it has engineers trained to conduct preventive and corrective maintenance for the offered model; The Manufacturer has local Fluoroscopy application specialist(s) who are factory trained.
- i. That it has a minimum of five (5) factory-trained engineers currently employed;
- j. That it has employed local application specialist to provide support onsite:
- k. That it has local application specialist(s) who are factory trained
- 1. The manufacture can provide corrective maintenance immediately or can provide off site support upon notification of equipment breakdown from the end user.
- m. Consumer guidelines regarding disposal of the equipment (Information about how and where the used and decommissioned products/ parts can be returned for recycling and/ or disposal (e.g. buy-back program of the product after end of useful life).

11. Duly notarized Certificate from Bidder:

- a. That the system is US approved and with Certification from FDA Philippines;
- b. That parts, accessories and consumables are readily available at the authorized Philippine service center/s for a period of <u>ten (10)</u> years after the warranty period;
- c. That it has available competent in-house technical specialists in handling and providing technical support as well as maintenance of the equipment being offered;
- d. Has a team who is always available to provide quick application guidance or advice on troubleshooting remotely;
- e. The principal and the supplier should not have any history of unsatisfactory ratings and contracts and unresolved projects within the institution notably at the PCMC Radiology Division
- f. That all related expenses (such as transportation, installation, requirements for testing and others) at the bidder's expense prior to the acceptance.
- g. That it will conduct applications training on site for proper operation and maintenance of the equipment to users and maintenance personnel upon delivery;
- h. That it will provide replacement/back-up unit while the delivered unit is being repaired.
- i. Will provide comprehensive preventive maintenance (PM) which will automatically bind the said supplier to a PM contract for five (5) years after the warranty period
- j. The principal must have an existing office in the Philippines for at least fifteen (15) years.
- k. The principal must have employed local application specialist to provide support onsite.
- 12. Certificate of Undertaking that during the warranty period the manufacturer can provide corrective maintenance immediately or can provide off-site support upon notification of equipment breakdown from the end user
- 13. The Recurring and Maintenance Costs (use of Form DOBA PCMC RMF8 is required)

| | 14. List of Consumables (PARTS/ACCESSORIES/SUPPLIES) [use of Form DOBA – PCMC – LCF9 is required] |
|------|--|
| | 15. Submit a comprehensive preventive maintenance costing which includes a list of prices of major spare parts and consumables for the next five (5) years after the warranty period . |
| | 16. Section II. Instructions to Bidders with signature (conforme) on all pages |
| | 17. Section III. Bid Data Sheet with signature (conforme) on all pages |
| | 18. Section IV. General Conditions of the Contract with signature (conforme) on all pages |
| | 19. Section V. Special Conditions of the Contract with signature (conforme) on all pages |
| | Failure of the Bidder declared as LCB to duly submit the requirements stated above or a finding against the veracity of such shall be ground for forfeiture of the bid security and disqualify the Bidder for award. |
| 21.2 | No additional contract documents relevant to the Project |

| CONFORME: | | |
|--|---|-------------------------------|
| Authorized Signatory Signature over printed name | Contact No: | |
| Name of Company/Firm | Company's Official Email Address (where notices will be sent) | Company's Official Contact No |



Quezon Avenue, Quezon City 1100 website: www.pcmc.gov.ph email: pcmcbac@gmail.com Trunkline: 8588-9900 local 361/355 Telefax No.: 8924-0870

SECTION IV

General Conditions of Contract

High-End X-ray Fluoroscopy Dual Tube, Ceiling Mounted with Workstation and High-End Ultrasound Machine

1. Scope of Contract

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

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

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

2. Advance Payment and Terms of Payment

- 2.1. Advance payment of the contract amount is provided under Annex "D" of the revised 2016 IRR of RA No. 9184.
- 2.2. The Procuring Entity is allowed to determine the terms of payment on the partial or staggered delivery of the Goods procured, provided such partial payment shall correspond to the value of the goods delivered and accepted in accordance with prevailing accounting and auditing rules and regulations. The terms of payment are indicated in the **SCC**.

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

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

3. Performance Security

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

4. Inspection and Tests

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

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

5. Warranty

- 5.1. In order to assure that manufacturing defects shall be corrected by the Supplier, a warranty shall be required from the Supplier as provided under Section 62.1 of the 2016 Revised IRR of RA No. 9184.
- 5.2. The Procuring Entity shall promptly notify the Supplier in writing of any claims arising under this warranty. Upon receipt of such notice, the Supplier shall, repair or replace the defective Goods or parts thereof without cost to the Procuring Entity, pursuant to the Generic Procurement Manual.

6. Liability of the Supplier

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

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

| CONFORME: | | |
|--|---|-------------------------------|
| Authorized Signatory Signature over printed name | Contact No: | |
| Name of Company/Firm | Company's Official Email Address (where notices will be sent) | Company's Official Contact No |



Quezon Avenue, Quezon City 1100 website: www.pcmc.gov.ph email: pcmcbac@gmail.com Trunkline: 8588-9900 local 361/355 Telefax No.: 8924-0870

SECTION V

Special Conditions of Contract

High-End X-ray Fluoroscopy Dual Tube, Ceiling Mounted with Workstation and High-End Ultrasound Machine

Special Conditions of Contract

| GCC Clause | | | |
|------------|--|--|--|
| 1 | Delivery and Documents – | | |
| | For purposes of the Contract, "EXW," "FOB," "FCA," "CIF," "CIP," "DDP" and other trade terms us to describe the obligations of the parties shall have the meanings assigned to them by the current editi of INCOTERMS published by the International Chamber of Commerce, Paris. The Delivery terms this Contract shall be as follows: | | |
| | For Goods Supplied from Abroad "The delivery terms applicable to the Contract are DDP delivered to PCMC. In accordance with INCOTERMS." | | |
| | For Goods Supplied from Within the Philippines, "The delivery terms applicable to this Contract are delivered to PCMC. Risk and title will pass from the Supplier to PCMC 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). | | |
| | The details of shipping and/or other documents to be furnished by the Supplier are as follows: | | |
| | For Goods supplied from within the Philippines: | | |
| | Upon delivery of the Goods to the Project Site, the Supplier shall notify the Procuring Entity and present the following documents to the Procuring Entity: | | |
| | (i) Original copy of the Supplier's invoice showing Goods' description, quantity, unit price, and total amount; | | |
| | (ii) Original copy of the Manufacturer's and/or Supplier's warranty certificate on parts and services, including accessories starting from final acceptance; | | |
| | (iii) Original copy of Certification of Availability of Replacement/ Back-up unit while the provided unit/s is/are being repaired. | | |
| | (iv) Original copy of Certificate of Calibration, Testing and Adjustment | | |
| | (v) Original copy of certificate of preventive maintenance during the warranty period. | | |
| | (vi) Original copy of certificate of attendance on conducted training to end-users and Engineering Personnel for proper operation and maintenance of the equipment. | | |
| | (vii) Original and two (2) copies in English Language: | | |
| | a. Operation and Instruction Manual | | |
| | b. Service and Instruction Manual | | |
| | c. Wiring and Schematic Diagrams | | |
| | d. Parts Listing | | |
| | (viii) Original Copy of Certification as locally manufactured | | |
| | For Goods supplied from abroad: | | |
| | Upon shipment, the Supplier shall notify the Procuring Entity and the insurance company by cable the full details of the shipment, including Contract Number, description of the Goods, quantity, vessel, bill of | | |

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lading number and date, port of loading, date of shipment, port of discharge etc. Upon delivery to the Project Site, the Supplier shall notify the Procuring Entity and present the following documents as applicable with the documentary requirements of any letter of credit issued taking precedence:

- (i) Original copy of the Supplier's invoice showing Goods' description, quantity, unit price, and total amount;
- (ii) Original copy of the Manufacturer's and/or Supplier's warranty certificate on parts and services, including accessories starting from final acceptance
- (iv) Original copy of Certification of Availability of Replacement/ Back-up unit while the provided unit/s is/are being repaired.
- (v) Original copy of Certificate of Calibration, Testing and Adjustment
- (vi) Original copy of certificate of preventive maintenance during the warranty period.
- (vii) Original copy of certificate of attendance on conducted training to end-users and Engineering Personnel for proper operation and maintenance of the equipment.
- (viii) Original and two (2) copies of:
 - a. Operation and Instruction Manual
 - b. Service and Instruction Manual
 - c. Wiring and Schematic Diagrams
 - d. Parts Listing
- (ix) Copy of Proof of Payment of Import Duties from Bureau of Customs / Bill of Lading.

For purposes of this Clause the Procuring Entity's Representative at the Project Site is the Property and Supply Section / Procurement Section.

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.

- a. performance or supervision of on-site assembly and/or start-up of the supplied Goods;
- b. furnishing of tools required for assembly and/or maintenance of the supplied Goods;
- c. furnishing of a detailed operations and maintenance manual for each appropriate unit of the supplied Goods;
- d. performance or supervision or maintenance and/or repair of the supplied Goods, for a period of time agreed by the parties, provided that this service shall not relieve the Supplier of any warranty obligations under this Contract; and
- e. training of the Procuring Entity's personnel, at the Supplier's plant and/or on-site, in assembly, start-up, operation, maintenance, and/or repair of the supplied Goods.
- f. Close coordination with PCMC Engineering Section and Winning Contractor to ensure compliance to DOH and FDA guidelines and provide as built plan for the equipment package to be delivered
- g. Winning bidder must provide all the necessary works/support/systems/documentations and others including the needed requirements in obtaining permits and licenses for the normal/standard operation of these equipment.
- h. Secure License to Operate from DOH-FDA

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

Spare Parts -

The Supplier is required to provide all of the following materials, notifications, and information

pertaining to spare parts manufactured or distributed by the Supplier:

Select appropriate requirements and delete the rest.

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

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

The Supplier shall carry sufficient inventories to assure ex-stock supply of consumable spare parts or components for the Goods for at least for the next five (5) years from testing, commissioning, acceptance and delivery;

Spare parts or components shall be supplied as promptly as possible, but in any case for a period of five (5) years after the warranty period;

Packaging -

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

The packaging, marking, and documentation within and outside the packages shall comply strictly with such special requirements as shall be expressly provided for in the Contract, including additional requirements, if any, specified below, and in any subsequent instructions ordered by the Procuring Entity.

The outer packaging must be clearly marked on at least four (4) sides as follows:

Name of the Procuring Entity
Name of the Supplier
Contract Description
Final Destination
Gross weight
Any special lifting instructions
Any special handling instructions
Any relevant HAZCHEM classifications

A packaging list identifying the contents and quantities of the package is to be placed on an accessible point of the outer packaging if practical. If not practical the packaging list is to be placed inside the outer packaging but outside the secondary packaging.

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.

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| | Where the Supplier is required under this Contract to transport the Goods to a specified place of destination within the Philippines, defined as the Project Site, transport to such place of destination in the Philippines, including insurance and storage, as shall be specified in this Contract, shall be arranged by the Supplier, and related costs shall be included in the contract price. |
|-------|---|
| | Where the Supplier is required under Contract to deliver the Goods CIF, CIP or DDP, Goods are to be transported on carriers of Philippine registry. In the event that no carrier of Philippine registry is available, Goods may be shipped by a carrier which is not of Philippine registry provided that the Supplier obtains and presents to the Procuring Entity certification to this effect from the nearest Philippine consulate to the port of dispatch. In the event that carriers of Philippine registry are available but their schedule delays the Supplier in its performance of this Contract the period from when the Goods were first ready for shipment and the actual date of shipment the period of delay will be considered force majeure. |
| | The Procuring Entity accepts no liability for the damage of Goods during transit other than those prescribed by INCOTERMS for DDP deliveries. In the case of Goods supplied from within the Philippines or supplied by domestic Suppliers risk and title will not be deemed to have passed to the Procuring Entity until their receipt and final acceptance at the final destination. |
| | Intellectual Property Rights – |
| | The Supplier shall indemnify the Procuring Entity against all third-party claims of infringement of patent, trademark, or industrial design rights arising from use of the Goods or any part thereof. |
| 2.2 | The terms of payment shall be as follows: Thirty to Forty-Five $(30-45)$ calendar days from submission of documentary requirements |
| 3 | 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. |
| 4 | The inspections and tests that will be conducted are: |
| | 1) Upon delivery, the Goods shall undergo preliminary physical inspection by the Inspection Team of the PROCURING ENTITY to ascertain the physical condition and acceptability of the Goods. |
| | 2) The supplier shall promptly replace the equivalent quantity of Goods taken as samples without cost to the PROCURING ENTITY. |
| 5 | Three (3) months after acceptance by the Procuring Entity of the delivered Goods or after the Goods are consumed, whichever is earlier. |
| | The obligation of the winning bidder for the warranty shall be covered by retention money required of under RA 9184 Sec. 62.1. |
| | The said amount shall only be released after the lapse of the warranty period specified in Section VII Technical Specification; provided, however, that the Supplies delivered are free from patent and latent defects and all the conditions imposed under this Contract have been fully met. |
| CONFO | RME: |
| | ed Signatory Contact No: |
| _ | - |

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| Name of Company/Firm | Company's Official Email Address | Company's Official Contact No. |
|----------------------|----------------------------------|--------------------------------|
| | (where notices will be sent) | |

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SECTION VI

Schedule of Requirements

High-End X-ray Fluoroscopy Dual Tube, Ceiling Mounted with Workstation and High-End Ultrasound Machine

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

| IB No. | Qty | Unit | Item Description | ABC per Unit (Php) |
|----------|-----|------|---|--------------------|
| 2024-109 | 1 | lot | One (1) Lot Supply, Delivery, Installation, Testing and Commissioning of High-End X-Ray Fluoroscopy Dual Tube, Ceiling Mounted with Workstation with High - End Ultrasound Machine | 112,000,000.00 |

| Delivery Site | PCMC Requirement DELIVERY PERIOD | Bidder's Offer (within the acceptable period) |
|--|---|---|
| Materials and Management Division G/F PCMC, Quezon Avenue, cor. Agham Road Quezon City | One Hundred Twenty (120) calendar days upon receipt of Purchase Order/Notice to Proceed | |

DELIVERY AND ACCEPTANCE

- ➤ The supplier should deliver the goods called for in the Purchase Order (PO) within the Delivery Period, as offered, upon receipt of approved upon receipt of approved Purchase Order (PO) through faxed or personally received during office hours at the Procurement Section.
- All goods delivered pursuant to the Purchase Order (PO) shall be subject to acceptance and inspection by the end-user as well as by the House Inspector and of the Resident Auditor or their representatives. Goods delivered not in conformity with specifications shall be rejected and the contractor held in default.

| NAME OF COMPANY | ADDRESS |
|---|-----------------|
| | |
| SIGNATURE OVER PRINTED NAME OF AUTHORIZED REPRESENTATIVE | TELEPHONE / FAX |



Quezon Avenue, Quezon City 1100 website: www.pcmc.gov.ph email: pcmcbac@gmail.com Trunkline: 8588-9900 local 361/355 Telefax No.: 8924-0870

SECTION VII

Technical Specifications

High-End X-ray Fluoroscopy Dual Tube, Ceiling Mounted with Workstation and High-End Ultrasound Machine

IB-2024-109

INSTRUCTION:

FILL-OUT this form by including a **CONCISE DESCRIPTION** of your offer. Please write **the SPECIFIC**, **PRECISE and COMPLETE** statement which conforms with the required specifications.

DO NOT write "COMPLY" OR DO NOT write page numbers of the brochure/data sheet, etc.



Quezon Avenue, Quezon City 1100 website: www.pcmc.gov.ph email: pcmcbac@gmail.com Trunkline: 8588-9900 local 361/355 Telefax No.: 8924-0870

SECTION VIII

Checklist of Technical and Financial Documents

High-End X-ray Fluoroscopy Dual Tube, Ceiling Mounted with Workstation and High-End Ultrasound Machine

Checklist of Technical and Financial Documents

The Bidder shall submit the following <u>TECHNICAL COMPONENT ENVELOPE (ARRANGED, NUMBERED AND TABBED)</u> [Strictly NO using of staple wire and thick materials for tabs] as enumerated below:

I. TECHNICAL COMPONENT ENVELOPE

Class "A" Documents

Legal Documents

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

Note: For the purpose of updating the Certificate of Registration and Membership, all Class "A" eligibility documents mentioned in this section supporting the veracity, authenticity and validity of the Certificate shall remain current and updated. The failure by the prospective bidder to update its Certificate with the current and updated Class "A" eligibility documents shall result in the automatic suspension of the validity of its Certificate until such time that all of the expired Class "A" eligibility documents has been updated (per GPPB Resolution No. 15-2021).

Technical Documents

- 2. 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. (*Use of Form No. DOBA-PCMC-SCF3b is required*)
- 3. Single Largest Completed Contract (SLCC) similar to the contract to be bid (*Refer to BDS ITB Clause 5.3*), 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 three (3) years prior to bid opening (*use of Form No. DOBA-PCMC-SCF3a is required*)
- 4. Original copy of Bid Security (**Refer to BDS Clause 14.1**). If in the form of a Surety Bond, submit also a certification issued by the Insurance Commission or Original copy of the Notarized Bid Securing Declaration
- 5. Duly accomplished and signed Production/ Delivery Schedule using the form as provided for in Section VI
- 6. Duly accomplished and signed Technical Specification using the form as provided for in Section VII

- i. Certification of Availability of demo unit (use of Form No. DOBA-PCMC-DUF11 is required)
- ii. Signed conforme on the attached Engineering Clearance
- iii. Brochures/sales literature/s or technical datasheet/s reflecting the specifications:
- iv. Signed Conforme on the Scope of Works
- 7. 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. (*Use of the Form provided is required*)

Financial Documents

8. The prospective bidder's computation of the Net Financial Contracting Capacity (NFCC) must be at least equal to the ABC to be bid (*Use of Form No. DOBA–PCMC–NFF4 is required*)

<u>OR</u>

a committed Line of Credit from a Universal or Commercial Bank in lieu of its NFCC computation, it must be at least equal to 10% of the ABC

Class "B" Documents

9. If applicable, a duly signed joint venture agreement (JVA) in case the joint venture is already in existence (*Use of Form No. DOBA-PCMC-JVF6 is required*).

<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
- ii. Certification from the DTI if the Bidder claims preference as a Domestic Bidder or Domestic Entity

The Bidder shall submit the following **FINANCIAL COMPONENT ENVELOPE** (**ARRANGED**, **NUMBERED AND TABBED**) [Strictly NO using of staple wire and thick materials for tabs] as enumerated below:

II. FINANCIAL COMPONENT ENVELOPE

- 1. Duly accomplished and signed Financial Bid Form
- 2. Duly accomplished and signed Price schedule (use applicable forms)
 - i. Use the form "For Goods offered from within the Philippines" if bidder is offering goods from within the Philippines.
 - ii. Use the form "For Goods offered from abroad" if bidder is offering goods from Abroad.

Note: Bidder shall include the PCMC issued USB Flash Drive in the Financial Component Envelope (Original Folder) containing the FOLLOWING:

- a. soft copy of their accomplished **Technical Specifications** (in **EXCEL format**)
- b. **SCANNED copy** (in **PDF Format**) **of ALL** the required documents under Section VIII. Checklist of Technical and Financial Documents

| CONFORME: | | |
|--|---|-------------------------------|
| Authorized Signatory Signature over printed name | Contact No: | |
| Name of Company/Firm | Company's Official Email Address (where notices will be sent) | Company's Official Contact No |

PHILIPPINE CHILDREN'S MEDIC. Quezon Avenue, Quezon C

SECTION VII: TECHNICAL SPEC IB 2024-109

Instruction:

- **1. FILL-OUT** this form by including a **CONCISE DESCRIPTION** o PRECISE and COMPLETE statement which conforms with the requ
- 2. DO NOT write "COMPLY" OR DO NOT write page numbers

| | | | PCMC REQUIREMENT |
|--------|--------|---------|---|
| QTY U | JNIT | | Item Description |
| One (1 | l) Lot | Suppl | y, Delivery, Installation, Testing and Commissioning Ceiling Mounted with Workstation with High - E |
| | | A. Gei | neral Feature of the System |
| | | 1 | Must be high-end fluoroscopy and radiography system |
| | | 2 | Must be fully integrated 2-in-1 remote-control system |
| | | 3 | Must be able to lift and tilt table to a low minimum table height, a 4-axes movable tabletop, intuitive controls and the innovative joysticks that makes every exam safer and faster. |
| | | 4 | Must have a dynamic flat detector ensures excellent coverage for both radiography and fluoroscopy imaging and provides high resolution images. |
| | | 5 | Digital one-stop workflow from patient registration to image documentation offers fast and easy operation. |
| | | 6 | Built-in intercom System |
| | | 7 | Materials used in the equipment must be both environmentally and economically friendly (green procurement) |
| | | | F |
| | | B. Spe | ecifications: |
| | | | n Equipment Component |
| | | 1.1 | System should be high-resolution, fully digital imaging |
| | | 1.2 | System table must be integrated with detector 17" x 17", with atleast 4 active fields |
| | | 1.3 | Ceiling suspended tube with touch user interface |
| | | 1.4 | Bucky wall stand, with wireless detector 14" x 17" |
| | | 1.5 | Display Ceiling suspension |
| | | | |
| | | 2. Syst | tem X-ray Tube |
| | | 2.1 | Source - Image distance (SID): not more than 150 cm with motorized adjustment |

| OTY | TINITE | 1 | PCMC REQUIREMENT |
|-----|--------|---------|--|
| QIY | UNIT | 2.2 | Tube Rotation : must be +90° to − 180° |
| | | 2.3 | Oblique Projection : at least \pm 45°; motorized adjustment of pivot point height 1 cm (0.4") to 30 cm (11.8") above the tabletop |
| | | 2.4 | Focal spot nominal value (IEC 60336) : at least 0.6/1.0 |
| | | 2.5 | Max. exposure voltage (IEC 60613): at least 150 Kv |
| | | 2.6 | Optical anode angle (IEC 60788) : at least 12° |
| | | 2.7 | Anode heat dissipation rate: at least 170,000 HU/min. |
| | | 2.8 | Total filtration (IEC 60601-1-3) : must be at least ≥ 2.5 mm Aluminum/80 kV |
| | | 3 Syst | tem Table |
| | | 3.1 | Table length: at least 200 cm |
| | | 3.2 | Automatic tube detector tracking for smooth exam preparation |
| | | 3.3 | Table tilt: Motorized: must be + 90°/– 45° or + 90°/– 90°. 1 Tilt speeds of 3°/s and 6°/s Selectable automatic stop in horizontal position (0°) Digital tilt angle display on system and tableside control |
| | | 3.4 | Table height: atleast 50 cm (19.7") to 100 cm (39.4") |
| | | 3.5 | Must be flat, scratch-resistant surface, accessory rails |
| | | 3.6 | Longitudinal travel: 160 cm (63") motorized, 80 cm (31.5") in each direction (head and foot end) |
| | | 3.7 | Transverse travel: 35 cm (13.7") motorized, 17.5 cm (6.9") to the left and right |
| | | 3.8 | Footrest: Attaches to head or foot end, height adjustable (3 attachment heights, stepless height adjustment via longitudinal tabletop movement) Can be lowered to 4 cm (1.5") above floor with table in vertical position. |
| | | 3.9 | Must have a collision control feature |
| | | 4 6 " | |
| | | 4. Ceil | ing suspended tube with touch user interface Complete system operation with control of |
| | | 4.1 | generator, tube and imaging system from a single integrated console |
| | | 4.2 | The examination procedure is controlled via selection of organ programs |

| | | | PCMC REQUIREMENT |
|-----|------|---------|---|
| QTY | UNIT | | Item Description |
| | | 4.3 | Must have a generator parameters and collimator settings, including additional filtration as well as image processing parameters, are preset via the selected organ program |
| | | 4.4 | Horizontal travel range: at least 340 cm |
| | | 4.5 | Source-to-ceiling distance must be: at least 83 cm (32.7") |
| | | 4.6 | Vertical travel range: at least 180 cm (70.8"), manual or motorized |
| | | 4.7 | Vertical travel speed: Up to max. 0.3 m/s |
| | | 4.8 | Rotation range around the vertical axis – 154° to + 182° manual |
| | | 4.9 | Rotation range around the horizontal axis: ± 140° manual. |
| | | 4.10 | Multi-functional display with color touchscreen on the tube housing |
| | | 4.11 | The display adjusts to the orientation of the X-ray tube. |
| | | 4.12 | Must be capable of modifying the sequence of registered organ programs |
| | | 4.13 | Must be capable of modifying kV, mAs and ms |
| | | 4.14 | Must be capable of detecting sensitivity/dose |
| | | 5 Ruc | ky wall stand |
| | | | Bucky wall stand for use with ceiling-suspended |
| | | 5.1 | X-ray tube or system tube. |
| | | 5.2 | X-ray absorption must be ≤ 0.5 mm Al |
| | | 5.3 | Travel range (central beam to floor): at least from 26 cm (10.2") to 173 cm (68.1") Manual or motorized |
| | | 5.4 | Detector unit: Tiltable from – 20° to + 90° |
| | | 5.5 | Center alignment: Central X-ray beam must be at the center of the detector |
| | | 5.6 | Top alignment: Light field is offset to upper border of the detector |
| | | 5.7 | Tube can automatically tracks wall Bucky height adjustments with detector tray at 0°, 90° or intermediate tilt angles |
| | | 5.8 | Able to compose and perform automatically a full-length image of long leg and whole spine both in table and bucky wall stand. |
| | | 6. Svet | em Controls |
| | | 6.1 | Must have joysticks control and should be touch sensitive to prevent unintentional system movements |
| | | 6.2 | must have a foot switch for fluoroscopy and radiography acquisition |

| 0.777 | PCMC REQUIREMENT | | |
|-------|------------------|---------|--|
| QTY | UNIT | | Item Description |
| | | 6.3 | Must have tableside controls for table and tube stand movement and collimator settings |
| | | 7. Disp | lay Ceiling suspension |
| | | | |
| | | 7.1 | Ceiling suspension system with extension and spring arm for one or two monitors with a diagonal flat screen display size of at least 19" |
| | | 7.2 | TFT (Thin Film Transistor) technology (high luminance and extended viewing angle) in the examination room for live and reference image display to save space on the floor. |
| | | 7.3 | The display suspension system includes a radiation indicator, is ceiling-mounted, swiveling rotatable and height-adjustable with longitudinal travel. |
| | | 9 Can | l erators |
| | | o. Gen | |
| | | 8.1 | Generator Output: at least 80 kW (acc. IEC 60601-2-7) |
| | | 8.2 | Radiography setting: must be 40 kV to 150 kV |
| | | 8.3 | Exposure times: must be 0.001 seconds to 5 seconds |
| | | 8.4 | Fluoroscopy 40 kV to 110 kV, 4 mA to 84 mA, 2 ms to 10 ms, pulsed fluoroscopy |
| | | 9. Dete | ectors |
| | | > | |
| | | 9.1 | Detector type: Flat Detector: Cesium Iodide Scintillator, Amorphous silicon technology |
| | | 9.2 | Dimension (active area) at least 34.8 cm x 42.4 cm (13.7" x 16.7") |
| | | 9.3 | Active detector matrix must be 2350 x 2866 |
| | | 9.4 | Pixel size: at least 148 μm |
| | | 9.5 | Delivers exceptionally sharp images with enhanced contrast with high level detail visibility and noise reduction |
| | | 9.6 | Spatial resolution: at least 3.4 lp/mm |
| | | 9.7 | Acquisition bit depth: at least 16 bit |
| | | 9.8 | Data transmission WLAN 2 < 2 s preview; < 5 s full image |
| | | 9.9 | Battery operation time: Up to 1050 images Up to 6.5 hours during regular utilization Up to 11.7 hours in standby mode |

| | | | DOMO DEGLIDEMENT |
|-----|------|--------------|--|
| OTV | UNIT | 1 | PCMC REQUIREMENT Item Description |
| QII | UNII | | Detectors should be (universal) interchangeable |
| | | 9.10 | between multiple xray system in the radiology |
| | | 7.10 | department |
| | | | Must have PIN code access to imaging |
| | | 9.11 | |
| | | | computer system |
| | | 9.12 | Must have the capability of imaging rotation, |
| | | 9.12 | vertical and horizontal image and flip zooming |
| | | 0.12 | Windowing for contract/brightness |
| | | 9.13 9.14 | Windowing for contrast/brightness |
| | | | Black/white image inversion |
| | | 9.15 | In-room monitor size: at least 19" inches |
| | | 9.16 | Control monitor size: at least 19" inches |
| | | 9.17 | Image storage capacity of at least 10,000 image or higher |
| | | | Anti-scatter grid Stationary, Lead (Pb) 15:1, 80 |
| | | 9.18 | lines/cm, $f0 = 125$ cm (49.2"), should be |
| | | | removable |
| | | | |
| | | 10. Im | age Acquisition |
| | | 10.1 | Digital Pulsed Fluoroscopy: 30, 15, 10, 7.5 or 3 |
| | | 10.1 | pulsed per second |
| | | | Image display: must have an aspect ratio 5:4, |
| | | 10.2 | corresponding to 1280 x 1024/14-bit matrix, 1k |
| | | | x 1k image content |
| | | 10.3 | Image Processing: Capable of vertical and horizontal reversal, zoom, electronic magnifying glass, windowing for contrast/brightness, black/white image inversion, harmonization Digital Density Optimization (DDO), edge enhancement filter, electronic shutter. |
| | | | Text functions: Marking, annotation, image |
| | | 10.4 | comments, Right/Left markers |
| | | | Graphic functions: Quantification with |
| | | 10.5 | angle/distance measurement |
| | | | Acquisition memory on hard disk must be at |
| | | 10.6 | least HDD 2TB or can store up to 200,000 |
| | | | images or higher |
| | | | |
| | | 11. W | orkflow |
| | | | Should have Retrieval of patient list and |
| | | 11.1 | examination data from the hospital/ radiology |
| | | | information system (HIS/RIS) |
| | | 11.2 | Should have Emergency patient registration |
| | | | Should have Patient, study and image data |
| | | 11.3 | administration |
| | | | Should have Configurable patient registration |
| | | 11.4 | page |
| | | 11.5 | Should have Password protected access |
| | | 11.5 | process access |

| | PCMC REQUIREMENT | | | |
|-----|--|-------|--|--|
| QTY | UNIT | | Item Description | |
| | | 11.6 | The system must be able to automatically select the next organ program in the chosen exam set as each exam step is completed | |
| | | 11.7 | Organ programs combined of multiple imaging and workflow parameters for particular body parts and imaging exposure and postprocessing | |
| | | 11.8 | Able to store up to 3000 organ programs, can be customized and arranged in exam sets using the advanced organ program and exam set editor | |
| | | 11.9 | Should have automatic X-ray control system for fully automatic calculation and optimization of the exposure data based on fluoroscopic values | |
| | | 11.10 | Should have filter selection via the organ program and automatic monitoring of patient absorption | |
| | | 11.11 | Should have Radiation-free collimation | |
| | | 11.12 | Enables instantaneous snapshot image during fluoro at lower dose than DFR/DR Images | |
| | | 11.13 | Must be able to activate automatic storage of upcoming fluoro sequences instead of acquiring DRF/RF image sequences to avoid additional dose | |
| | | 11.14 | must have an automatic dose regulation for fast and easy patient positioning | |
| | | 11.15 | Digital Live Image zoom without dose increase | |
| | | 11.16 | Capable of digital substraction angiography with pixel shift, remask, roadmap, peak opacification and display of anatomical background (landmark). Frame rates up to 8 frames per second | |
| | | 12 An | nlication and Scanning antimization features must | |
| | 12. Application and Scanning optimization features must be included: | | | |
| | | 12.1 | Captures images with no interruptions | |
| | | 12.2 | Effortlessly saves all sequences | |
| | | 12.3 | Digital zoom- enlarges images with no dose | |
| | | 12.4 | Storage and review of fluoroscopy sequences for documentation. The fluoroscopic sequence can be stored subsequently, after fluoroscopy has been performed | |

| | PCMC REQUIREMENT | | | | | | |
|-----|------------------|-------|---|--|--|--|--|
| QTY | UNIT | | Item Description | | | | |
| | | 12.5 | Online digital substraction angiography with pixel shift, remask, roadmap, peak opacification and display of anatomical background. Frame rates up to 8fps or higher | | | | |
| | | 12.6 | Automated tilting technique for long leg and full spine imaging. Up to 4 single images can be acquired to cover the selected region with the patient in standing or lying position. | | | | |
| | | 12.7 | The images are automatically composed into a single image on the imaging system. | | | | |
| | | 12.8 | Automated image stitching on patient table | | | | |
| | | 12.9 | Histogram-based dose regulation - enables consistently high image quality | | | | |
| | | | stogram-based dose regulation-enables consistently nage quality | | | | |
| | | 13.1 | Must be vendor neutral solutions: compatible with all types of imaging modalities from all manufacturers | | | | |
| | | 13.2 | Engonomic and easy to use solutions: able the users to quickly get the grips with the technology. | | | | |
| | | 13.3 | Able to display all information relating patients on each acquitition of the examination: analysis of each exposer, traceability of cumulative dose | | | | |
| | | 13.4 | Able to calculate organ dose | | | | |
| | | 13.5 | Able to manage high-risk patients specifically: Children and oncology | | | | |
| | | 13.6 | Facilitate data analysis by presenting the most problematic procedures and protocolsfor each of the modalities. | | | | |
| | | 13.7 | Can create and automate a customized report a statistical report (modalities/procedures) and or a patient report. | | | | |
| | | 13.8 | Able to compare dose data on all modalities, procedures, protocol and users. | | | | |
| | | 13.9 | Support to export complete and sorted data from each page as well as dose analysis report. | | | | |
| | | 13.10 | Able to digitized Paper Based Documents | | | | |
| | | 13.11 | Able to store and archive scanned documents | | | | |
| | | | Able to manage and share scanned documents | | | | |
| | | 13.3 | Full digital backup documents | | | | |
| | | | | | | | |

| | PCMC REQUIREMENT | | | | | | | |
|-----|------------------|----------|---|--|--|--|--|--|
| QTY | UNIT | | Item Description | | | | | |
| | | | onnectivity | | | | | |
| | | . | DICOM Worklist | | | | | |
| | | 14.2 | DICOM Send/StC, Dicom print | | | | | |
| | | | Dicom, image transfer, connectivity should be | | | | | |
| | | 14.3 | compatible and integrate with the PACS via | | | | | |
| | | | LAN | | | | | |
| | | 14.4 | Dicom Query/Retrieve | | | | | |
| | | 14.5 | Must have cyber security user management | | | | | |
| | | | quirements for the Main Unit per eering Clearance | | | | | |
| | | ziigiik | Unit will operate at 230 Volts 3-Pin Power Plug | | | | | |
| | | 1 | Cable, strictly at 60 Hertz | | | | | |
| | | 2 | Equipment should be maintainable and serviceable | | | | | |
| | | 3 | Power Supply intended for the equipment shall be connected to the new Power House | | | | | |
| | | Other | Specifications: (please indicate if applicable) | | | | | |
| | | | | | | | | |
| | | BRAN | D: | | | | | |
| | | MAKI | E/MODEL: | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | B. Acc | essories | | | | | |
| | | 1 | One (1) TVSS at least 60 Hertz and/or suppliers | | | | | |
| | | | specified recommendation | | | | | |
| | | | Brand: | | | | | |
| | | | Model: | | | | | |
| | | 2 | One (1) UPS at least 150kVA and/or suppliers specified recommendation | | | | | |
| | | | Brand: | | | | | |
| | | | Model: | | | | | |
| | | 3 | Circuit Breakers | | | | | |
| | | | Circuit Dictitors | | | | | |
| | | | Five (5) units air conditioning floor mounted inverter | | | | | |
| | | 4 | or ceiling mounted at least 3.0 - 5.0 TR | | | | | |
| | | | (3 - examination room; 2 - control room) with or | | | | | |
| | | | supplier's specified recommendation | | | | | |
| | | | Brand: | | | | | |
| | | | Model: | | | | | |
| | | 5 | Two (2) units Branded Workstation hardware | | | | | |
| | | Brand: | | | | | | |
| | | | Model: | | | | | |
| | | | 5.1 Workstation | | | | | |
| | | | 5.1.1 Graphical processing unit: | | | | | |
| | | | Manufacturer's standard with UPS | | | | | |
| | | | | | | | | |

| | | PCMC REQUIREMENT |
|-----|------|---|
| QTY | UNIT | Item Description |
| | | 5.1.2 650VA UPS with license software for workstation |
| | | 5.1.3 CPU: atleast 6 cores, 1.9 GHz |
| | | 5.1.4 External Video Card: Atleast 8GB |
| | | 5.1.5 Memory: 96 GB Memory |
| | | 5.1.6 Storage Capacity: at least 500GB SSD SATA for OS, 2TB 7.2K SATA for Data |
| | | 5.1.7 Power Supply: at least 950W |
| | | 5.1.8 Windows 10 and must be upgradeable |
| | | 5.1.9 Microsoft Office with license |
| | | 5.1.10 at least one (1) unit 24" Medical Grade Monitor , 2.2 Megapixel or higher |
| | | 5.1.11 USB Optical Scroll Mouse |
| | | 5.1.12 USB Standard International Keyboard |
| | | 5.1.13 Networking: 4 x Gigabit Ethernet LAN on-board |
| | | Brand: |
| | | Model: |
| | | 5.2 Reading Station |
| | | 5.2.1 Graphical processing unit: Manufacturer's standard with UPS |
| | | 5.2.2 650VA UPS with license software for workstation |
| | | 5.2.3 CPU: atleast 6 cores, 1.9 GHz |
| | | 5.2.4 External Video Card: Atleast 8GB |
| | | 5.2.5 Memory: 96 GB Memory |
| | | 5.2.6 Storage Capacity: at least 500GB SSD SATA for OS, 2TB 7.2K SATA for Data |
| | | 5.2.7 Power Supply: at least 950W |
| | | 5.2.8 Windows 10 and must be upgradeable |
| | | 5.2.9 Microsoft Office with license |
| | | 5.2.10 two (2) units of at least 30" Medical Grade Monitor, 5 Megapixel or higher |
| | | 5.2.11 USB Optical Scroll Mouse |
| | | 5.2.12 USB Standard International Keyboard |
| | | 5.2.13 Networking: 4 x Gigabit Ethernet LAN on-board |
| | | Brand: |
| | | Model: |
| | | |
| | 6 | Radiation Dose Monitoring with Document Management System Monitor |

| | | | PCMC REQUIREMENT | | | | | |
|-----|-------|---|--|--|--|--|--|--|
| ОТУ | UNIT | | Item Description | | | | | |
| Q11 | CIVII | | 6.1 At least 8 MegaPixel Medical Viewer | | | | | |
| | | | Monitor or Higher | | | | | |
| | | | | | | | | |
| | | | 6.2 Screen size: At least 27 inch or Higher | | | | | |
| | | | 6.3 Display Colors: At least 10bit / sRGB | | | | | |
| | | | 99% | | | | | |
| | | | | | | | | |
| | | | 6.4 Resolution: 3840 x 2160 pixels or | | | | | |
| | | | Higher | | | | | |
| | | | 6.5 Viewing angle: at least 175° 175° | | | | | |
| | | | (vertical and horizontal) or Higher | | | | | |
| | | | 6.6 Response Time: At least 15ms | | | | | |
| | | | 6.7 Online service for automated quality | | | | | |
| | | | assurance and DICOM calibration | | | | | |
| | | | 6.0 Duamietary modical dienlay controllers | | | | | |
| | | | 6.8 Proprietary medical display controllers | | | | | |
| | | | validated with the latest workstations and with | | | | | |
| | | | all major PACS applications | | | | | |
| | | | 6.9 Video Input: Display Port and HDMI | | | | | |
| | | | | | | | | |
| | | | 6.10 Worklist Monitor: At least 21-inch | | | | | |
| | | | Monitor or Higher | | | | | |
| | | | 6.11 CPU: Printing and Radiation Dose | | | | | |
| | | | Monitoring System | | | | | |
| | | | 6.11.1 At least Intel i7 2.0 GHz or | | | | | |
| | | | Higher | | | | | |
| | | | 6.11.2 System: At least Windows 8 or | | | | | |
| | | | higher | | | | | |
| | | | 6.11.3 Memory: 16 GB or higher | | | | | |
| | | | 6.11.4 Storage: At leats 1 TB Hybrid | | | | | |
| | | | HDD, Database and Image storage sized | | | | | |
| | | | appropriately or Higher | | | | | |
| | | | 6.11.5 Network Bandwith: 1,000 Mbps | | | | | |
| | | | 6.12 UPS: 650 kVA UPS or Higher | | | | | |
| | | | 6.13 Monitor : At least 17 inch Monitor or | | | | | |
| | | | Higher | | | | | |
| | | | Brand : | | | | | |
| | | | Model: | | | | | |
| | | | One (1) unit Multi-Function Digital Colored | | | | | |
| | | 7 | Printer (Fluoroscopy) | | | | | |
| | | | 7.1 Speed: At least A4 size: 31 page per | | | | | |
| | | | | | | | | |
| | | | minute, A3 size: 15 page per minute | | | | | |
| | | | 7.2 Control Panel Display: At least 10.1 inch | | | | | |
| | | | colour LCD Touch screen | | | | | |
| | | | 7.3 Paper Capacity: At least 2 x 500 sheets tray | | | | | |
| | | | 7.4 Paper Weight: At least 60 gsm to 300 | | | | | |
| | | | gsm | | | | | |
| | | | 7.5 Warm-up time: At least 20 seconds | | | | | |
| | | | 7.6 Power Requirements: AC voltage 50/60 | | | | | |
| | | | Hz | | | | | |
| | | | | | | | | |

| | | | DCMC DECUIDEMENT | | | | |
|-----|------|---|--|--|--|--|--|
| OTV | UNIT | | PCMC REQUIREMENT Item Description | | | | |
| VII | UNII | | 7.7 Power Consumption: Maximum 1.45 | | | | |
| | | | kW(220 V to 240 V) | | | | |
| | | | | | | | |
| | | | 7.8 Memory : At least 5 GB or Higher | | | | |
| | | | 7.9 Dimension: At least 608 x 6153 x 829 | | | | |
| | | | mm | | | | |
| | | | 7.10 Weight: At least 80kg | | | | |
| | | | 7.11 Printer Resolution: At least 1200x1200 | | | | |
| | | | dpi, 600x600 dpi, 960x600 dpi or higher | | | | |
| | | | 7.12 Scan Resolution : At least Push scan: 100, 150, 200, 300, 400, 600 dpi | | | | |
| | | | 7.13 At least Pull scan: At least 75, 100, 150, 200, 300, 400, 600 dpi | | | | |
| | | | Brand: | | | | |
| | | | Model: | | | | |
| | | | | | | | |
| | | 8 | Multi Funtional Digital Printer with DICOM Printer Server (Radiation Dose Monitoring) | | | | |
| | | | 8.1 Able to print DICOM images from any | | | | |
| | | | DICOM modality to any paper powered by | | | | |
| | | | Windows. | | | | |
| | | | | | | | |
| | | | 8.2 Multi-format printing with multiple DICOM AET Title: A4,A3,Color,Black&White | | | | |
| | | | 8.3 Able to customize header and footer, | | | | |
| | | | adding and editing text, logos | | | | |
| | | | Brand: | | | | |
| | | | Model: | | | | |
| | | 9 | One (1) unit Disc Publisher | | | | |
| | | | 9.1 with license for workstation and desktop | | | | |
| | | | operation (MS Office) | | | | |
| | | | 9.2 Automatic Recording of patient Studies | | | | |
| | | | | | | | |
| | | | without tying up your workstation or employee | | | | |
| | | | resources | | | | |
| | | | 9.3 Recorded Studies can be viewed from | | | | |
| | | | Disc on a workstation using one or more | | | | |
| | | | DICOM VIEWERS, Specialized Viewers or | | | | |
| | | | Custom OEM Viewers | | | | |
| | | | 9.4 On Demand Disc Creation and Labeling | | | | |
| | | | from Modality Workstation | | | | |
| | | | 9.5 HL7 and DICOM Structured Reports can | | | | |
| | | | be received and matched to a patient study | | | | |
| | | | allowing the recording of both patient reports | | | | |
| | | | and studies | | | | |
| | | | 9.6 User Interface is available in multiple | | | | |
| | | | languages | | | | |
| | | | 9.7 Scheduled Archive automatically records | | | | |
| | | | all studies to disc for back up. It also records a | | | | |
| | | | complete history of all Archive activities on each | | | | |
| | | | disc. | | | | |
| | | | GIOC. | | | | |

| | | | PCMC REQUIREMENT | | | | |
|-----|------|----|---|--|--|--|--|
| QTY | UNIT | | Item Description | | | | |
| | | | 9.8 Compact Design allow for easy siting | | | | |
| | | | 9.9 Meets industry standards including Dicom part 10, IHE PDI, and audit logs for HIPAA Compliance | | | | |
| | | | 9.10 Narrated messages provide complete system status at the touch of a button | | | | |
| | | | 9.11 The Publisher must be licensed and Approved by OMB (Optical Media Board) | | | | |
| | | | 9.12 Media Inputs: One 20-disc input bin | | | | |
| | | | 9.13 Media Outputs: One 25-disc output bin | | | | |
| | | | 9.14 Optical Drives: One CD/DVD drive | | | | |
| | | | 9.15 Recordable formats: CD-R, DVD-R | | | | |
| | | | 9.16 bInkjet label print technology | | | | |
| | | | 9.17 Upto 4800 dpi print resolution | | | | |
| | | | 9.18 Remote Web Browser access using Internet Explorer | | | | |
| | | | 9.19 Up to 25 CDs per hour, 10 DVDs per | | | | |
| | | | hour | | | | |
| | | | 9.20 External Video Card: Atleast 8GB 9.21 40GB Data Storage | | | | |
| | | | 9.22 Network protocols: DICOM Store SCP (up to 24 simultaneous connections) DICOM query/retrieve (optional) HTTP Web Server (for remote control and configuration | | | | |
| | | | 9.23 Graphical processing unit: Manufacturer's standard with UPS | | | | |
| | | | 9.24 650VA UPS with license software for workstation | | | | |
| | | | 9.25 CPU: atleast 6 cores, 1.9 GHz | | | | |
| | | | 9.26 External Video Card: Atleast 8GB | | | | |
| | | | 9.27 Memory: 96 GB Memory | | | | |
| | | | 9.28 Windows 10 and must be upgradeable | | | | |
| | | | Brand: | | | | |
| | | | Model: | | | | |
| | | 10 | One (1) unit Mid-Range Ultrasound unit for Radiology with Shearwave | | | | |
| | | | Brand: | | | | |
| | | | Model: | | | | |
| | | | 10.1 must be Console-type | | | | |
| | | | 10.2 must have color and power Doppler | | | | |
| | | | 10.3 must have a Pulsed wave Doppler | | | | |

| OTEX | TIN ITEM | PCMC REQUIREMENT | | | | | | |
|------|-------------------------------------|---|--|--|--|--|--|--|
| QTY | UNIT | Item Description 10.4 must have Tissue harmonics | | | | | | |
| | | 10.4 must have Tissue harmonics 10.5 Preset customized examination | | | | | | |
| | | | | | | | | |
| | | protocols | | | | | | |
| | | 10.6 must be upgradeable to new application | | | | | | |
| | | software and hardware | | | | | | |
| | | 10.7 Trapezoidal or sector scan for linear | | | | | | |
| | | probes | | | | | | |
| | | 10.8 Compound imaging | | | | | | |
| | | 10.9 Automatic optimization | | | | | | |
| | | 10.10 Examination-specific measurements | | | | | | |
| | | and Calculations | | | | | | |
| | | 10.11 With Processing channels: at least | | | | | | |
| | | 11,400,000 channels or higher | | | | | | |
| | | 10.12 The system should have operating | | | | | | |
| | | software of Windows 10 | | | | | | |
| | | 10.13 must be capable of DICOM (3.0 | | | | | | |
| | | connectivity,worklist, MPPS) | | | | | | |
| | 10.14 The system must have standard | | | | | | | |
| | | report architecture to allow easy transfer of | | | | | | |
| | | measurements. | | | | | | |
| | 10.15 must have Panoramic imaging | | | | | | | |
| | | 10.16 The system must be be able to | | | | | | |
| | | automatically optimize key imaging parameters | | | | | | |
| | | in real-time, maintaining image uniformity | | | | | | |
| | | across tissue types with minimal adjustments | | | | | | |
| | | soon as the transducer is placed on a patient. | | | | | | |
| | | Adaptively maintains B-mode and Doppler | | | | | | |
| | | image. | | | | | | |
| | | 10.17 The system must provide | | | | | | |
| | | compounding function that uses multiple lines of | | | | | | |
| | | sight to increase contrast resolution and improve | | | | | | |
| | | tissue differentiation of low contrast lesions by | | | | | | |
| | | reducing image speckle. Up to 7 steering angles | | | | | | |
| | | shall be available for Linear and Convex | | | | | | |
| | | transducers. | | | | | | |
| | | transducers. | | | | | | |
| | | | | | | | | |
| | | 10.18 With real-time, adaptive technology | | | | | | |
| | | that uniquely uses power Doppler flow | | | | | | |
| | | information to reduce noise within macro- and | | | | | | |
| | | microvascular structures, provide clearer vessel | | | | | | |
| | | wall definition with improved tissue boundary | | | | | | |
| | | detection, and enhance tissue contrast resolution | | | | | | |
| | | without compromising spatial resolution. | | | | | | |
| | | 10.19 The system must provide a maximum | | | | | | |
| | | Standard Cine Memory is up to 80,000 frames | | | | | | |
| | | or 300 seconds | | | | | | |

| | PCMC REQUIREMENT | | | | | | | |
|-----|------------------|--|--|--|--|--|--|--|
| QTY | UNIT | Item Description | | | | | | |
| | | 10.20 Transdusers must be ultrasensitive, with user-selective Multi hertz multiple frequency imaging or broadband. The system supports transducer activation by gesture detection to allow the user to select a transducer using a double tap of the finger. | | | | | | |
| | | 10.20.1 The system must provide continuous focusing and image uniformity while delivering contrast and detail resolution. | | | | | | |
| | | 10.20.2 Must be Compact, lightweight and comfortable, to help reduce operators fatigue during prolonged scanning | | | | | | |
| | | 10.21 With at least four (4) active probe ports. The system shall be capable to provide biopsy needle guide attachment | | | | | | |
| | | 10.21.1 One (1) unit Linear probe with frequency range of at least 2.9 - 9.9 MHz or wider range field of view: 38 mm or higher 10.21.2 One (1) unit micro convex | | | | | | |
| | | with frequency range of at least 2.7 - 10.7 MHz or wider range. field of view: 100 degrees or higher | | | | | | |
| | | 10.21.3 One (1) unit Convex probe with single crystal. frequency range of at least 1.4 - 8.5 MHz or wider range depth minimum of 300 mm or higher | | | | | | |
| | | 10.22 With Barco full high-definition video display of at least 24 inch diagonal or bigger widescreen with high dynamic range dual layer LCD technology. With monitor performance optimization and auto calibration functionality. | | | | | | |
| | | 10.22.1 With at least 13.3 inch touch display or bigger and should be tiltable. Smart UI for quicker scan settings and protocols | | | | | | |
| | | 10.22.2 Alpha-numeric keyboard console backlit keys | | | | | | |
| | | 10.22.3 One-touch buttons for redundant keystrokes with programmable keys | | | | | | |
| | | 10.22.4 Fully digital (patient study, storage and archiving) | | | | | | |
| | | 10.22.5 The system shall provide conventional keyboard and touch screen keyboard. | | | | | | |
| | | 10.22.6 WIFI Connection for wireless transfer of data and images | | | | | | |

| | | PCMC REQUIREMENT |
|-----|------|---|
| QTY | UNIT | Item Description |
| | | 10.22.7 Fully digital (patient study, |
| | | storage and archiving) |
| | | 10.23 The system shall provide multi- |
| | | directional articulating FPD arm to help improve |
| | | ergonomics.Left/Right swivel articulation: ± 45° |
| | | in either direction |
| | | 10.24 LAN port for transfer of data and |
| | | images |
| | | 10.25 Documentation devices on-board |
| | | (thermal, USB, CD and DVD) |
| | | 10.26 With integraded gel warmer with |
| | | temperature control. |
| | | 10.27 HARD DRIVE |
| | | 10.27.1 At least wth Internal 1.5 TB |
| | | Solid State Drive (SSD) with 1 TB dedicated to |
| | | patient data |
| | | 10.27.2 Allows storage of patient |
| | | studies that include images, clips, reports and |
| | | measurements |
| | | 10.27.3 must have DVD-ROM for |
| | | archiving patient images |
| | | 10.28 APPLICATIONS/ SOFTWARE: |
| | | 10.28.1 General Abdomen/radiology |
| | | 10.28.2 Small Parts (Thyroid, Breast, Testicular, etc.) |
| | | 10.28.3 MSK (Musko-skeletal) |
| | | 10.28.4 Prostate |
| | | 10.28.5 Vascular |
| | | 10.28.6 Intraoperative |
| | | 10.28.7 The system supports a method |
| | | for reducing image speckle and enhancement of |
| | | contrast resolution. |
| | | Can be performed in real-time or |
| | | on frozen images. |
| | | 10.28.8 The system must have |
| | | capability to prevent motion artifact in B-mode |
| | | and Color. |
| | | 10.28.9 The system must have the |
| | | capability to have color sensitivity to prevent |
| | | motion artifacts. |
| | | 10.28.10 Optimizes the 2D image by |
| | | adjusting the speed of sound (add) |
| | | 10.28.11 Enables instant Field of View |
| | | (FOV) expansion for extended visualization and |
| | | measurement of anatomy in B-mode. |
| | | incustrement of unatomy in D-mote. |

PRICE SCHEDULE

| PROC | CURING ENTITY : PHILIPPIN | E CHILDRE | NAME OF BI | DDER : | | | | | |
|--|--|--|----------------------|--------------|---|--|--|--|---|
| INVI | INVITATION TO BID NO. : $\mathbf{IB-2024-109}$ | | | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| Qty | Item | Description (Brand / Make / Model) | Country of Origin | Manufacturer | Unit price CIF port of entry (specify port) or CIP named place (specify border point or place of destination) | Total CIF or CIP price per item (col. 1 x 6) | _ | Unit price Delivered Duty Paid (DDP) | Total Price delivered DDP (col 1 x 9) |
| One (1) Lot Supply, Delivery, Installation, Testing and Commissioning of High-End X-Ray Fluoroscopy Dual Tube, Ceiling Mounted with Workstation with High - End Ultrasound Machine | | | | | | | | | |
| Bids will be valid for one hundred twenty (120) days and it shall remain binding upon us and may be accepted at any time before the expiration of that period; | | | | | | | TERMS OF PAYMENT (For discounts being offered, if there's any. Otherwise, state "NONE"): | | |
| PCMC has the right to reject any or all bids without offering any reason, waive any required formality and award the contract to any bidder whose proposals as evaluated by PCMC is the most advantageous to the government. | | | | | | | IGNATURE OF A | AUTHORIZED RE | EPRESENTATIVE |

NOTE:

BID SHOULD BE PRICE PER LOT. However, we will appreciate if you could also include the costs per unit for our future reference.

PRICE SCHEDULE

| PROCU | JRING ENTITY : PHILIPPI | NAME OF B | SIDDER : | | | | | | | |
|--|--|--|----------------------|--------------|----------------------------|--|--|--|--------------------------------------|---|
| INVITATION TO BID NO. : 2024 – 109 | | | | | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| Qty | Item | Description (Brand / Make / Model) | Country of Origin | Manufacturer | Unit Price EXW per item | and all other | Sales and other taxes payable if Contract is awarded, per item | Cost of Incidental Services, if applicable, per item | Price, per unit (col 6+7+8+ 9) | Total Price delivered Final Destination (col 10) x (col 1) |
| Installa Comm Fluoro Mount High - | One (1) Lot Supply, Delivery, Installation, Testing and Commissioning of High-End X-Ray Fluoroscopy Dual Tube, Ceiling Mounted with Workstation with High - End Ultrasound Machine ABC = Php 112,000,000.00 | | | | | | | | | |
| • Bids will be valid for one hundred twenty (120) days and it shall remain binding upon us and may be accepted at any time before the expiration of that period; | | | | | | TERMS OF PAYMENT (For discounts being offered, if there's any. Otherwise, state "NONE"): | | | NONE"): | |
| PCMC has the right to reject any or all bids without offering any reason, waive any required formality and award the contract to any bidder whose proposals as evaluated by PCMC is the most advantageous to the government. | | | | | | NAME A | ND SIGNATURI | E OF AUTHOR | IZED REPRESI | ENTATIVE |

NOTE:

BID SHOULD BE PRICE PER LOT. However, we will appreciate if you could also include the costs per unit for our future reference.

PHILIPPINE CHILDREN'S MEDICAL CENTER Quezon Avenue, Quezon City

SCOPE OF WORKS

I. PROJECT TITLE

One (1) Lot Supply, Delivery, Installation, Testing and Commissioning of Various Radiology Imaging Equipment One (1) High-End X-ray Fluoroscopy Dual Tube, Ceiling Mounted with Workstation and One (1) Unit Mid-Range Ultrasound

II. BACKGROUND AND OBJECTIVES

The Philippine Children's Medical Center is working on additional patient care services, including radiographic procedures and diagnostic services. The Radiology Satellite, which is part of the 8th storey building, accommodates ultrasound and fluoroscopy procedures. The purpose of this document is to comply on the requirements of the DOH's minimum requirement and parameter specifications and its conceptual plan issued on April 2016 (which is created by Health Facility Development Bureau particular for 250-Bed Capacity Level 3 Hospital) and FDA Guidelines for a fluoroscopy area specifically with radiation hazards.

The scope of works for the procurement of the High-End X-ray Fluoroscopy Dual Tube, Ceiling Mounted with Workstation and One (1) Unit Mid-Range Ultrasound includes the renovation of the facility.

III. EXPECTED OUTPUTS/DELIVERABLES

The WINNING BIDDER shall comply with the DOH's minimum requirement and parameter specifications and its conceptual plan issued on April 2016 (which is created by Health Facility Development Bureau particular for 250-Bed Capacity Level 3 Hospital) and FDA Guidelines for a fluoroscopy area specifically with radiation hazards.

The WINNING BIDDER shall also comply with the expected outputs/deliverables set forth below:

Renovation Works:

1. Fluoroscopy Exam Room:

 Construction of the exam room including CHB walls, steel matting, concrete works, ceiling, and floor covering.

2. Fluoroscopy Exam Room Ceiling:

Installation of acoustic board ceiling.

3. Exam Room Wall Painting:

 Surface preparation, skim coating, and painting of walls with specified paint with ceiling and wall decoration stickers.

4. Fluoroscopy Exam Room Floor Covering:

Installation of anti-static vinyl flooring.

5. Main Double Panel Swing Type Leaded Door:

Fabrication and installation of leaded door.

6. Access Single Panel Swing Type SLLeaded Door:

Fabrication and installation of leaded door.

Fabrication and Supply Installation of Machine Railings, Hangers, and Supports:

 Fabrication and installation of railings, hangers, and supports.

8. Reception Area Works:

 Construction of reception area including a counter table with granite and cabinet, drywall, floor covering, ceiling, wall painting, and decal ceiling.

9. Hanging Cabinet:

Installation of hanging cabinet.

10. Flush Doors:

· Supply and installation of flush doors.

11. Customized Table for X-ray Control Room:

Fabrication and installation of a customized table.

12. Demolition of Existing Wall:

- Demolition of existing walls, flooring, ceiling, and walling if required.
- Installation of lead sheets in the exposure room and other areas as required, in compliance with FDA CSL-PLSD guidelines.

13. Office

- Modular tables
- Walk-in cabinets

| IV. Others (Buy Back) Dismantling and P Value amounting to | | Axiom Iconos R200) with appraised |
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