



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

Quezon Avenue, Quezon City 1100  
website: [www.pcmc.gov.ph](http://www.pcmc.gov.ph) email: [officeofthedirector@pcmc.gov.ph](mailto:officeofthedirector@pcmc.gov.ph)  
Trunk Line: 8588-9900 to 20 Direct Line: 8924-6601

## INVITATION TO BID

1. The **Philippine Children's Medical Center (PCMC)** through the **COB CY 2024** intends to apply the sum of **Twenty-Two Million Seven Hundred Twenty-Five Hundred Fifty Thousand Pesos (Php 22,725,000.00)** 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	ITEM DESCRIPTION	ABC Per Unit	TOTAL ABC	Cost of Bidding Documents
<b>Supply and Delivery of:</b>						
IB-2024-121	3	unit	Heavy Duty Surgical Suction Machine	725,000.00	2,175,000.00	5,000.00
IB-2024-122	3	unit	High-end Laptop	130,000.00	390,000.00	500.00
IB-2024-123	16	unit	Mid-range Laptop	95,000.00	1,520,000.00	5,000.00
IB-2024-124	10	unit	Low-end Laptop	64,000.00	640,000.00	1,000.00
<b>Supply, Delivery, Installation, Configuration and Testing:</b>						
IB-2024-125	1	Lot	Network Rehabilitation for the Devices	18,000,000.00	18,000,000.00	25,000.00
<b>Total</b>					<b>22,725,000.00</b>	

2. The **Philippine Children's Medical Center (PCMC)** now invites bids for the above-mentioned projects. Delivery of the Goods is required **as stated in Section VI Delivery 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.
3. 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, otherwise known as the "Government Procurement Reform Act".
  - 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 **starting December 19, 2024** upon payment of the applicable fee stated above. It may also be downloaded free of charge from the website of the Philippine Government Electronic Procurement System (PhilGEPS) and the website of PCMC, provided that Bidders shall pay the applicable fee for the Bidding Documents not later than the submission of their bids.



6. The Philippine Children's Medical Center will hold a Pre-Bid Conference on **December 27, 2024 at 10:00 AM** through video conferencing via **Zoom Application (Meeting ID: 949 1567 6569 Passcode: 390902)** which shall be open to prospective bidders.
7. Bids must be duly received through manual submission on or before **January 8, 2025 at 1:30 PM Guard-on-Duty, 3<sup>rd</sup> 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 **January 8, 2025 at 2:00 PM, 3<sup>rd</sup> Floor, PCMC Function Hall 2**. Bids will be opened in the presence of the Bidders' representatives who choose to attend at the afore-mentioned venue. In compliance to social distancing and to support the government's effort to mitigate, if not contain the 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 face mask and face shield and shall pass the triage areas as required prior to entering the 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**

3<sup>rd</sup> Floor, PCMC Main Building  
Quezon Avenue, cor. Sen. Miriam P.  
Defensor-Santiago Avenue, Quezon City  
Trunkline: 8588-9900 Loc. 1331/1332  
Fax Number: 8924-0870  
Mobile No.: +63-917-842-3248  
Email: pcmcbac@gmail.com

12. You may visit the following websites:

For downloading of Bidding Document: [www.pcmc.gov.ph](http://www.pcmc.gov.ph)  
[www.philgeps.gov.ph](http://www.philgeps.gov.ph)

*December 19, 2024*

  
**FRANCIS S. DELA CUESTA, RN, MAN**  
Chairperson, Bids and Awards Committee



Republic 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](http://www.pcmc.gov.ph) email: [bac@pcmc.gov.ph](mailto:bac@pcmc.gov.ph)  
Trunkline: 8588-9900 local 361/355 Telefax No.: 8924-0870

## SECTION II

# *Instructions to Bidders*

**One (1) Lot Supply, Delivery, Installation,  
Configuration and Testing of Network  
Rehabilitation for the Devices**

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**IB-2024-125**

## 1. Scope of Bid

The **Philippine Children’s Medical Center (PCMC)** wishes to receive Bids for the following Project/s:

<b>Invitation To Bid No.</b>	<b>Item Description</b>	<b>Approved Budget for the Contract (Php)</b>
<b>IB No. 2024-125</b>	<b>One (1) Lot Supply, Delivery, Installation, Configuration and Testing of Network Rehabilitation for the Devices</b>	18,000,000.00

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 below for **COB CY 2024** in the amount of Eighteen Million Pesos (**Php 18,000,000.00**).

2.2. The source of funding is:

- a. 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.
- b. 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:

- a. Subcontracting is not allowed.

## 8. Pre-Bid Conference

The Philippine Children's Medical Center will hold a Pre-Bid Conference on **December 27, 2024 at 10:00 AM** through video conferencing via **Zoom Application (Meeting ID: 949 1567 6569 Passcode: 390902)** which shall be open to prospective bidders.

## 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 five (5) years** prior to the deadline for the submission and receipt of bids.
- 10.3. If the eligibility requirements or statements, the bids, and all other documents for submission to the BAC are in foreign language other than English, it must be accompanied by a translation in English, which shall be authenticated by the appropriate Philippine foreign service establishment, post, or the equivalent office having jurisdiction over the foreign bidder's affairs in the Philippines. Similar to the required authentication above, for Contracting Parties to the Apostille Convention, only the translated documents shall be authenticated through an apostille pursuant to GPPB Resolution No. 13-2019 dated 23 May 2019. The English translation shall govern, for purposes of interpretation of the bid.

## 11. Documents comprising the Bid: Financial Component

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

## 12. Bid Prices

- 12.1. Prices indicated on the Price Schedule shall be entered separately in the following manner:
  - a. For Goods offered from within the Procuring Entity's country:
    - i. The price of the Goods quoted EXW (ex-works, ex-factory, ex-warehouse, ex-showroom, or off-the-shelf, as applicable);
    - ii. The cost of all customs duties and sales and other taxes already paid or payable;
    - iii. The cost of transportation, insurance, and other costs incidental to delivery of the Goods to their final destination; and
    - iv. The price of other (incidental) services, if any, listed in e.
  - b. For Goods offered from abroad:
    - i. Unless otherwise stated in the **BDS**, the price of the Goods shall be quoted delivered duty paid (DDP) with the place of destination in the Philippines as specified in the **BDS**. In quoting the price, the Bidder shall be free to use transportation through carriers registered in any eligible country.

Similarly, the Bidder may obtain insurance services from any eligible source country.

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

### 13. Bid and Payment Currencies

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

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

- a. Philippine Pesos.

### 14. Bid Security

14.1. The Bidder shall submit a Bid Securing Declaration<sup>1</sup> or any form of Bid Security in the amount indicated in the **BDS**, which shall be not less than the percentage of the ABC in accordance with the schedule in the **BDS**.

14.2. The Bid and bid security 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.

### 15. 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 (1<sup>st</sup>) Envelope**, shall contain the **Technical Component** accomplished in two (2) sets, **each set filed in a folder**

The **Second (2<sup>nd</sup>) Envelope**, shall contain the **Financial Component** accomplished in three (3) sets, **each set filed in a folder including the issued USB Flash Drive** (*Section VIII. (Financial Component Envelope No. 2. Note)*)

**All copies should be certified as true copy**



#### **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 and copy 1)  
> Financial Component Requirement  
(original, copy 1 and copy 2)

### 16. Deadline for Submission of Bids

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

## 17. Opening and Preliminary Examination of Bids

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

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

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

## 18. Domestic Preference

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

## 19. Detailed Evaluation and Comparison of Bids

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

- 19.2. If the Project allows partial bids, bidders may submit a proposal on any of the lots or items, and evaluation will be undertaken on a per lot or item basis, as the case maybe. In this case, the Bid Security as required by **ITB** Clause 15 shall be submitted for each lot or item separately.

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

- 19.4. The Project shall be awarded as follows:

Option 3 - One Project having several items, which shall be awarded as separate contracts per item.

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

## 20. Post-Qualification

- 20.2. 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**.



**21. Signing of the Contract**

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

**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.



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## SECTION III

# *Bid Data Sheet*

**One (1) Lot Supply, Delivery, Installation,  
Configuration and Testing of Network  
Rehabilitation for the Devices**

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**IB-2024-125**

## Bid Data Sheet

ITB Clause							
5.3	<p>For this purpose, contracts similar to the Project shall be:</p> <ol style="list-style-type: none"> <li>a. Supply, Delivery, Installation, Configuration and Testing of Network Rehabilitation for the Devices</li> <li>b. Completed within <u>the last five (5) years</u> prior to the deadline for the submission and receipt of bids.</li> </ol>						
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	<p>The bid security shall be in the form of a Bid Securing Declaration, or any of the following forms and amounts:</p> <ol style="list-style-type: none"> <li>1. The amount of not less than <b>two percent (2%) of the ABC of the item</b>, if bid security is in cash, cashier's/manager's check, bank draft/guarantee or irrevocable letter of credit; or</li> <li>2. The amount of not less than <b>five percent (5%) of the ABC of the item</b>, if bid security is in Surety Bond.</li> </ol>						
19.3	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 25%; text-align: center;">Invitation To Bid No.</th> <th style="width: 50%; text-align: center;">Item Description</th> <th style="width: 25%; text-align: center;">Approved Budget for the Contract (Php)</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;"><b>IB No. 2024-125</b></td> <td style="text-align: center;"><b>Supply, Delivery, Installation, Configuration and Testing of Network Rehabilitation for the Devices</b></td> <td style="text-align: center;">18,000,000.00</td> </tr> </tbody> </table>	Invitation To Bid No.	Item Description	Approved Budget for the Contract (Php)	<b>IB No. 2024-125</b>	<b>Supply, Delivery, Installation, Configuration and Testing of Network Rehabilitation for the Devices</b>	18,000,000.00
Invitation To Bid No.	Item Description	Approved Budget for the Contract (Php)					
<b>IB No. 2024-125</b>	<b>Supply, Delivery, Installation, Configuration and Testing of Network Rehabilitation for the Devices</b>	18,000,000.00					
20.2	<p>The <b>Lowest Calculated Bidder</b> shall submit the following documentary requirements within a non-extendible period of <i>five (5) calendar days</i> from receipt of the notification that contain the following <b>(ARRANGED, NUMBERED AND TABBED)</b> <i>[Strictly NO using of staple wire and thick materials for tabs]:</i></p> <ol style="list-style-type: none"> <li>1. Latest Income (<i>BIR Form No. 1701-Q /1702-Q</i>) and Business Tax Returns (<i>BIR Form No. 2550-Q</i>) filed and paid through the BIR Electronic Filing and Payment System (EFPS) within the <b>last quarter</b>.</li> <li>2. 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.</li> </ol>						

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.

3. Registration Certificate from the Department of Trade and Industry (DTI) *or* Securities and Exchange Commission (SEC), whichever may be appropriate under existing laws of the Philippines
4. 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.
5. CY 2023 Audited Financial Statements and Income Tax Returns filed and taxes paid through the BIR Electronic Filing and Payment System (EFPS)
6. Duly notarized Certificate as Principal Manufacturer or Exclusive Distributor/ Authorized Dealer from the Principal Manufacturer
7. Current and Valid Certificate of Manufacturer's compliance with ISO and/or other Standards/Conformance /Safety Requirements for the equipment
8. Section II. Instructions to Bidders with signature (conforme) on all pages
9. Section III. Bid Data Sheet with signature (conforme) on all pages
10. Section IV. General Conditions of the Contract with signature (conforme) on all pages
11. Section V. Special Conditions of the Contract with signature (conforme) on all pages
12. Duly notarized Certificate from Principal Manufacturer/ Distributor that the brand has been present for at least five (5) years in the local/ international market and model being bided is currently in use in the local/international market with at least one (1) installation in the Philippines, preferably within NCR area (Please specify and submit supporting documents) - (If applicable)
13. Certificate from the Principal Manufacturer duly notarized from country of origin:
  - i. 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;
  - ii. The expected useful life of the equipment under normal use (indicate normal capacity, i.e. number of patients, operating hours, other considerations);
  - iii. Guarantee on availability of all spare parts, accessories and consumables at least for the next five (5) years from testing, commissioning, acceptance and delivery;
  - iv. That it has competence in handling and providing technical support as well as maintenance of the equipment being offered; and
  - v. 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).

	<p><b>14. Duly notarized Certificate from Bidder:</b></p> <ul style="list-style-type: none"> <li>i. That parts, accessories and consumables are readily available at the authorized Philippine service center/s for a period of five (5) years after the warranty period;</li> <li>ii. That it has available competent in-house technical specialists in handling and providing technical support as well as maintenance of the equipment being offered;</li> <li>iii. That it will conduct training for proper operation and maintenance to end-users of the equipment upon delivery; and</li> <li>iv. That it will provide replacement/back-up unit while the delivered unit is being repaired.</li> </ul> <p><b>15. The Recurring and Maintenance Costs</b> <i>(use of Form DOBA – PCMC – RMF8 is required)</i></p> <p><b>16. List of Consumables (PARTS/ACCESSORIES/SUPPLIES)</b> <i>[use of Form DOBA – PCMC – LCF9 is required]</i></p> <p><b>17. Duly signed and fully filled out acknowledgment on PCMC’s Advisory regarding fraudulent solicitations.</b></p> <p><b>18. Other appropriate licenses and permits required by law and stated in the Bidding Documents</b></p> <p style="text-align: center;"><b>Note:</b> A USB Flash Drive shall be included containing the <b>SCANNED COPY (in PDF Format)</b> of ALL the required above-mentioned documents.</p> <p>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.</p>
21.2	Certification / supporting documents to show compliance as stated in the TOR

**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.



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Trunkline: 8588-9900 local 361/355 Telefax No.: 8924-0870

## SECTION IV

# *General Conditions of Contract*

**One (1) Lot Supply, Delivery, Installation,  
Configuration and Testing of Network  
Rehabilitation for the Devices**

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**IB-2024-125**

## 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**

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

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

**6. Liability of the Supplier**

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

**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.





Republic 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](http://www.pcmc.gov.ph) email: [pcmcbac@gmail.com](mailto:pcmcbac@gmail.com)  
Trunkline: 8588-9900 local 361/355 Telefax No.: 8924-0870

## SECTION V

# *Special Conditions of Contract*

**One (1) Lot Supply, Delivery, Installation,  
Configuration and Testing of Network  
Rehabilitation for the Devices**

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**IB-2024-125**

# Special Conditions of Contract

GCC Clause	
1	<p><b>Delivery and Documents –</b></p> <p>For purposes of the Contract, “EXW,” “FOB,” “FCA,” “CIF,” “CIP,” “DDP” and other trade terms used to describe the obligations of the parties shall have the meanings assigned to them by the current edition of INCOTERMS published by the International Chamber of Commerce, Paris. The Delivery terms of this Contract shall be as follows:</p> <p><i>For Goods Supplied from Abroad</i> “The delivery terms applicable to the Contract are DDP delivered to PCMC. In accordance with INCOTERMS.”</p> <p><i>For Goods Supplied from Within the Philippines,</i> “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.”</p> <p>Delivery of the Goods shall be made by the Supplier in accordance with the terms specified in Section VI (Schedule of Requirements).</p> <p>The details of shipping and/or other documents to be furnished by the Supplier are as follows:</p> <p><i>For Goods supplied from within the Philippines:</i></p> <p>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:</p> <ul style="list-style-type: none"> <li>(i) Current and Valid Certificate of Manufacturer's compliance with ISO and/or other Standards/Conformance /Safety Requirements for the equipment;</li> <li>(ii) Original copy of the Supplier’s invoice showing Goods’ description, quantity, unit price, and total amount;</li> <li>(iii) Original copy of the Manufacturer’s and/or Supplier’s warranty certificate on parts and services, including accessories starting from final acceptance;</li> <li>(iv) Original copy of Certification of Availability of Replacement/ Back-up unit while the provided unit/s is/are being repaired. <i>(If applicable)</i></li> <li>(v) Original copy of Certificate of Calibration, Testing and Adjustment. <i>(If applicable)</i></li> <li>(vi) Original copy of certificate of preventive maintenance during the warranty period. <i>(If applicable)</i></li> <li>(vii) Original copy of certificate of attendance on conducted training to end-users and Engineering Personnel for proper operation and maintenance of the equipment. <i>(If applicable)</i></li> <li>(viii) Original and two (2) copies in English Language: <i>(If applicable)</i> <ul style="list-style-type: none"> <li>a. User's Manual (Hard copy)</li> <li>b. Operation's Manual (hard copy)</li> <li>c. Service Manual with CD Diagram</li> </ul> </li> <li>(ix) Original Copy of Certification as locally manufactured</li> </ul> <p><i>For Goods supplied from abroad:</i></p> <p>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 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</p>

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
- (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 of:
  - a. User's Manual in English language,
  - b. Operation's Manual (hard copy)
  - c. Service Manual with CD Diagram
- (viii) 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:

- 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.

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 costs 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.

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

	<p>from the nearest Philippine consulate to the port of dispatch. In the event that carriers of Philippine registry are available but their schedule delays the Supplier in its performance of this Contract the period from when the Goods were first ready for shipment and the actual date of shipment the period of delay will be considered force majeure.</p> <p>The Procuring Entity accepts no liability for the damage of Goods during transit other than those prescribed by INCOTERMS for DDP deliveries. In the case of Goods supplied from within the Philippines or supplied by domestic Suppliers risk and title will not be deemed to have passed to the Procuring Entity until their receipt and final acceptance at the final destination.</p> <p><b>Intellectual Property Rights –</b></p> <p>The Supplier shall indemnify the Procuring Entity against all third-party claims of infringement of patent, trademark, or industrial design rights arising from use of the Goods or any part thereof.</p>
2.2	<p>The terms of payment shall be as follows : Thirty to Forty-Five (30 – 45) calendar days from submission of documentary requirements</p>
3	<p>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.</p>
4	<p>The inspections and tests that will be conducted are:</p> <ol style="list-style-type: none"> <li>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.</li> <li>2) The supplier shall promptly replace the equivalent quantity of Goods taken as samples without cost to the PROCURING ENTITY.</li> </ol>
5	<p>The obligation of the winning bidder for the warranty shall be covered by retention money required of under R.A. Sec. 62.1., equivalent to five percent (5%) of every progress payment.</p> <p>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.</p>

**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.



Republic of the Philippines  
DEPARTMENT OF HEALTH  
PHILIPPINE CHILDREN'S MEDICAL CENTER  
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website: [www.pcmc.gov.ph](http://www.pcmc.gov.ph) email: [pcmcbac@gmail.com](mailto:pcmcbac@gmail.com)  
Trunkline: 8588-9900 local 361/355 Telefax No.: 8924-0870

## SECTION VI

# *Schedule of Requirements*

**One (1) Lot Supply, Delivery, Installation,  
Configuration and Testing of Network  
Rehabilitation for the Devices**

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**IB-2024-125**

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

Delivery Site	PCMC Requirement <b>DELIVERY PERIOD</b>	<b>Bidder's Offer</b> <i>(<u>within the acceptable period</u>)</i>
<b>Materials and Management Division</b> G/F PCMC, Quezon Avenue, cor. Sen.Miriam P. Defensor-Santiago Avenue, Quezon City	Within Sixty ( 60) Calendar days upon receipt of Purchase Order	

#### **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 Purchase Order (PO) through faxed or personally received during office hours at the Procurement Division.
- 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.

#### **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.



Republic of the Philippines  
DEPARTMENT OF HEALTH  
PHILIPPINE CHILDREN'S MEDICAL CENTER  
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website: [www.pcmc.gov.ph](http://www.pcmc.gov.ph) email: [pcmcbac@gmail.com](mailto:pcmcbac@gmail.com)  
Trunkline: 8588-9900 local 361/355 Telefax No.: 8924-0870

## SECTION VII

# *Technical Specifications*

**One (1) Lot Supply, Delivery, Installation,  
Configuration and Testing of Network  
Rehabilitation for the Devices**

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**IB-2024-125**





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## SECTION VIII

# *Checklist of Technical and Financial Documents*

**One (1) Lot Supply, Delivery, Installation,  
Configuration and Testing of Network Rehabilitation  
for the Devices**

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**IB-2024-125**

# Checklist of Technical and Financial Documents

The Bidder shall submit the following **TECHNICAL COMPONENT ENVELOPE (ARRANGED, NUMBERED AND TABBED)** *[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, including Annex "B" which must be completely filled up)*
3. Statement of the bidder's Single Largest Completed Contract (SLCC) similar to the contract to be bid (**Refer to BDS Clause 5.3**), except under conditions provided for in Sections 23.4.1.3 and 23.4.4.4 of the 2016 Revised IRR of RA 9184, within two (2) years prior to bid opening *(use of Form No. DOBA-PCMC-SCF3a is required, including Annex "A" which must be completely filled up)*.
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 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 reflecting the technical specifications

iv. Terms of Reference with conforme on every page by the authorized signatory

7. Affidavit of Site Inspection [use of Form no. DOBA-PCMC-SIF22 is required
8. 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)*

#### **OR**

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)*.

#### **OR**

Duly notarized statements from all the potential joint venture partners stating that they will enter into and abide by the provisions of the JVA in the instance that the bid is successful

#### Other documentary requirements under RA NO. 9184 (as applicable)

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

**TECHNICAL SPECIFICATIONS  
IB-2024-125**

**Instruction:** Accomplish this form by presenting a clear statement of your offer. **Please write the specific, precise and complete statement** which complies with the required specifications. **DO NOT write "COMPLY"** or the page numbers of the brochure/data sheet, etc.

PCMC REQUIREMENT					BIDDERS' OFFER TO COMPLY WITH THE PCMC REQUIREMENTS	
QTY	UNIT	Item Description				
1	lot	<b>Supply, Delivery, Installation, Configuration, and Testing of Network Rehabilitation for the Devices (Rebid)</b>				
		<b>A. Specifications of the Main Equipment</b>				
		1.	131	Units	Enterprise Access Point - Indoor MIMO 2x2	
					Supports the latest wireless standards, such as 802.11ac and 802.11ax (Wi-Fi 6) to provide high-speed wireless connectivity.	
					The access points (APs) must be of an enterprise level to ensure smooth and efficient connectivity.	
					Operates on both the 2.4 GHz and 5 GHz bands, allowing for better performance in high-density environments and compatibility with a wide range of	
					Features a Multiple Input Multiple Output Technology to improve wireless performance by transmitting multiple data streams simultaneously	
					Supports Quality of Service (QoS) to prioritize network traffic and ensure seamless connectivity for critical applications.	
					Supports Power over Ethernet (PoE), allowing the devices to be powered and connected to the network using a single Ethernet cable.	
					All Access Points included in this bid MUST be centrally managed through a cloud-based platform, simplifying configuration, monitoring, and	
					Supports fast and seamless roaming for client devices moving between different access points within the same network, ensuring continuous connectivity.	
					Includes advanced security features such as WPA3 encryption, rogue access point detection, and client isolation to protect the network from unauthorized	
					Supports captive portal authentication, allowing guest users to authenticate before accessing the network.	
					Supports VPN Tunnels to establish a secure SSL/IPSec VPN tunnel to a VPN concentrator	
					Supports Trusted Platform Module (TPM) for secure storage	
					Supports Layer 7 deep packet inspection (DPI)	
					Supports zero-touch provisioning	

**TECHNICAL SPECIFICATIONS**  
**IB-2024-125**

**Instruction:** Accomplish this form by presenting a clear statement of your offer. Please write the specific, precise and complete statement which complies with the required specifications. **DO NOT write "COMPLY"** or the page numbers of the brochure/data sheet, etc.

PCMC REQUIREMENT					BIDDERS' OFFER TO COMPLY WITH THE PCMC REQUIREMENTS
QTY	UNIT	Item Description			
<b>1</b>	<b>lot</b>	<b>Supply, Delivery, Installation, Configuration, and Testing of Network Rehabilitation for the Devices (Rebid)</b>			
				Minimizes interference among clients' airtime.	
				Supports target wake time to reduce energy consumption and increase overall efficiency	
				Provides ongoing monitoring and reporting of hardware energy usage	
				Accommodates up to 256 maximum number of associated client devices per radio	
	<b>2.</b>	<b>12</b>	<b>units</b>	<b>Enterprise Indoor Access Points (Unified AP - 10 Units) – MIMO 4x4</b>	
				Supports Wi-Fi 6 (802.11ax) with dual-band (2.4 GHz and 5 GHz) and 4x4 MU-MIMO	
				Features 4 internal antennas	
				Supports 32 SSIDs	
				Supports direct DC power and Power over Ethernet	
				Provides a pre-installed mounting bracket	
				Enforces consistent policies across wired and wireless networks.	
				Utilizes AI/machine learning to provide automated radio frequency (RF) optimization	
				Up to 512 associated clients per radio.	
				All Access Points included in this bid MUST be centrally managed through a cloud-based platform, simplifying configuration, monitoring, and troubleshooting tasks.	
	<b>3</b>	<b>2</b>	<b>units</b>	<b>Enterprise Outdoor Access Point</b>	
				Must be specifically designed to thrive in the most challenging outdoor conditions, such as extreme temperatures, persistent moisture, and precipitation	
				Supports the latest 802.11ac wave two (2) wireless standard for high-speed data transfer rates	
				The AP must be of enterprise-level quality to guarantee smooth and efficient connectivity.	
				Operates on both the 2.4 GHz and 5 GHz bands, allowing for better performance in high-density environments and compatibility with a wide range of	
				Provides high throughput performance for supporting many concurrent clients and devices	

**TECHNICAL SPECIFICATIONS**  
**IB-2024-125**

**Instruction:** Accomplish this form by presenting a clear statement of your offer. Please write the specific, precise and complete statement which complies with the required specifications. **DO NOT write "COMPLY"** or the page numbers of the brochure/data sheet, etc.

PCMC REQUIREMENT					BIDDERS' OFFER TO COMPLY WITH THE PCMC REQUIREMENTS
QTY	UNIT	Item Description			
<b>1</b>	<b>lot</b>	<b>Supply, Delivery, Installation, Configuration, and Testing of Network Rehabilitation for the Devices (Rebid)</b>			
				The outdoor AP in this bid MUST be centrally managed through a cloud platform for easy configuration and monitoring.	
				Supports Power over Ethernet (PoE) for simplified power and data connectivity over a single Ethernet	
				It features an Orthogonal Frequency-Division Multiple Access (OFDMA), Multi-User MIMO, and cellular optimization.	
				Supports WPA3 and Enhanced Open for user protection.	
				Allows up to 256 client devices per radio	
		<b>4</b>	<b>4</b>	<b>units</b> <b>Enterprise Core Switch</b>	
				Supports a high-speed 24x10GbE SPF/SPF+ or higher interface to meet modern network bandwidth requirements.	
				Supports Layer 3 routing capabilities. It should be capable of performing advanced routing functions, such as dynamic routing protocols (e.g., OSPF, BGP) and inter-VLAN routing.	
				Supports advanced Layer 2 switching features such as VLANs, link aggregation, and Spanning Tree Protocol.	
				Supports Quality of Service for traffic prioritization and management. (E.g, Priority Flow Control and Enhanced Transmission Service)	
				Features advanced security capabilities that include Access Control Lists, role-based access control, and secure management protocols.	
				Supports threat detection and mitigation features to enhance network security.	
				Provides a user-friendly management interface for configuration and monitoring. It should have a Network Analytics Engine.	
				Integrates with the cloud-based network management solution for centralized management and monitoring.	
				Designed for use in a data center environment with features optimized for data center networking requirements.	
				Provides that the core switch is capable of interfacing with a network controller for centralized management, configuration, and monitoring of network devices.	
		<b>5.</b>	<b>4</b>	<b>Units</b> <b>Distribution Switch 24-port 1Gbe and 4-port SFP56 Switch</b>	
				A layer three (3) device that supports BGP, EVPN, VXLAN, VRF, and OSPF for robust security and QoS.	
				Allows stacking up to 10 switches for scalability and simplified management.	

**TECHNICAL SPECIFICATIONS**  
**IB-2024-125**

**Instruction:** Accomplish this form by presenting a clear statement of your offer. Please write the specific, precise and complete statement which complies with the required specifications. **DO NOT write "COMPLY"** or the page numbers of the brochure/data sheet, etc.

PCMC REQUIREMENT					BIDDERS' OFFER TO COMPLY WITH THE PCMC REQUIREMENTS
QTY	UNIT	Item Description			
<b>1</b>	<b>lot</b>	<b>Supply, Delivery, Installation, Configuration, and Testing of Network Rehabilitation for the Devices (Rebid)</b>			
				Provides Network Analytics Engine for intelligent monitoring and troubleshooting.	
				Provides built-in high-speed of 10GbE/25GbE/50GbE uplinks	
				Supports layer 2 switching features such as VLANs, link aggregation, and Spanning Tree Protocol	
				Provides Packet storm protection against broadcast and multicast storms with user-defined thresholds	
				Provides advanced switching capabilities with low latency and high throughput for efficient data processing	
				Features advanced security capabilities, including Access Control Lists, port security, and secure management protocols	
				Provides VLAN support and tagging for IEEE 802.1Q (4094 VLAN IDs)	
				Integrates with the cloud-based network management solution for centralized management and monitoring.	
		<b>6</b>	<b>5</b>	<b>units</b>	<b>Edge Switch for 1st, 2nd and 3rd Floor – 48G Class 4 PoE, 4SFP+ (48 ports)</b>
		<b>7.</b>	<b>27</b>	<b>units</b>	<b>Edge Switch for 1st, 2nd and 3rd Floor – 24G Class 4 PoE, 4SFP+ (24 ports)</b>
				Enterprise-class Layer 2 connectivity with multiple ports to accommodate connections from access switches, servers, and other network devices.	
				Supports Gigabit Ethernet for fast data transfer speeds	
				Supports virtual LANS (VLANs) to segment the network and improve performance and security	
				Supports Spanning Tree Protocol (STP) to prevent loops in redundant network topologies	
				The switch should have Quality of Service features to prioritize network traffic and ensure quality performance for critical applications.	
				Offers Power over Ethernet (PoE) to power devices such as IP phones, wireless access points over the ethernet connection	
				Supports link aggregation (EtherChannel) and Rapid Spanning Tree Protocol (RSTP) to provide redundancy and improve network reliability.	
				Provides a user-friendly management interface and supports remote monitoring and configuration options.	
				Provides a forwarding decision based on MAC addresses, ensuring efficient traffic routing within the local network.	
				Provides flexibility with support for cloud management, easy-to-use Web GUI, and CLI.	



**TECHNICAL SPECIFICATIONS**  
**IB-2024-125**

**Instruction:** Accomplish this form by presenting a clear statement of your offer. Please write the specific, precise and complete statement which complies with the required specifications. **DO NOT write "COMPLY"** or the page numbers of the brochure/data sheet, etc.

PCMC REQUIREMENT					BIDDERS' OFFER TO COMPLY WITH THE PCMC REQUIREMENTS
QTY	UNIT	Item Description			
1	lot	<b>Supply, Delivery, Installation, Configuration, and Testing of Network Rehabilitation for the Devices (Rebid)</b>			
				Supports Zero Touch Provisioning for simple deployment.	
				Supports strict priority (SP) queuing and Deficit Weighted Round Robin (DWRR)	
				Supports traffic prioritization (IEEE 802.1p) for real-time classification	
				Supports Uni-directional Link Detection (UDLD) to monitor link connectivity	
				Supports PoE Standards IEEE 802.3af, 802.3at, Fixed power supply (POE). Up to 740 W of Class 4 PoE	
				The switch should have 24/48 ports, 10/100/1000BASE-T Ports 4x1G/10G SFP+ ports	
				Protects against broadcast, multicast, or unicast storms with user-defined thresholds	
				Provides a built-in 1/10gbe uplinks on the device	
				Supports Internet Group Management Protocol (IGMP) Controls and manages the flooding of multicast packets in a Layer 2 network	
				Provides a port mirroring duplicates port traffic to a monitoring port	
				Supports Address Resolution Protocol (ARP) to be able to determine the MAC address of another IP host in the same subnet	
				Supports an internal lookback testing	
				Supports MAC-based client authentication	
				Supports Secure Sockets Layer (SSL) that encrypts all HTTP traffic, allowing secure access to the browser-based management GUI in the switch	
				The devices provided must be an enterprise-grade to support a high volume of end users' connectivity.	
				All Edge Switches included in this bid MUST be centrally managed through a cloud-based platform, simplifying configuration, monitoring, and troubleshooting tasks.	
		<b>B. Accessories</b>			
		1	131	units	<b>Access Point Mount Bracket for Enterprise Access Point - Indoor MIMO 2x2</b>
		2	12	units	<b>Access Point Mount Bracket for Enterprise Access Point - Indoor MIMO 4x4</b>
					Specifically designed and compatible to the supplied Indoor Access Points
		3.	2	units	<b>Outdoor Access Point Mount Bracket</b>
					Specifically designed and compatible to the supplied Outdoor Access Point
		4	19	units	<b>10G SFP+ LC SR 300m OM3 MMF Transceiver for Enterprise Core Switch and Distribution Switches</b>
					Form Factor: SFP+

**TECHNICAL SPECIFICATIONS**  
**IB-2024-125**

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PCMC REQUIREMENT				BIDDERS' OFFER TO COMPLY WITH THE PCMC REQUIREMENTS
QTY	UNIT	Item Description		
1	lot	<b>Supply, Delivery, Installation, Configuration, and Testing of Network Rehabilitation for the Devices (Rebid)</b>		
			Data Rate: 10Gbps	
			Wavelength: 850nm	
			Connector Type: LC Duplex	
			Cable Type: OM3 Multimode Fiber (MMF)	
			Maximum Cable Distance: 300 meters	
			Digital Diagnostic Monitoring (DDM): Yes	
			Operating Temperature: 0°C to 70°C	
			Power Consumption: Typically less than 1.5W	
			Transmit Power (min): -9.5dBm	
			Transmit Power (max): -3dBm	
			Receive Sensitivity (min): -12.1dBm	
			Extinction Ratio (min): 8dB	
			MSA Compliant: SFF-8431, SFF-8432, and SFF-8472	
			Compatible with major brands of enterprise core switches	
			Hot-pluggable: Can be inserted and removed from the switch without powering down.	
			Low latency: Suitable for high-performance networking applications.	
			Reliable: Designed for long-term use in enterprise environments.	
			RoHS Compliant: Yes	
	5	4	<b>units 40G QSFP+ to QSFP+3m Direct Attach Copper Cable for Enterprise Core Switch</b>	
			Form Factor: QSFP+ to QSFP+	
			Data Rate: 40Gbps	
			Cable Type: Direct Attach Copper (DAC)	
			Connector Type: QSFP+ on both ends	
			Cable Length: 3 meters (9.84 feet)	
			Wire Gauge: Typically 24AWG or 30AWG	
			Impedance: 100 ohms	
			Power Consumption: Passive (no external power required)	
			MSA Compliant: QSFP+ MSA	
			Compatible with major brands of enterprise core switches	
			Hot-pluggable: Can be inserted and removed without powering down the switch	
			Low Latency: Suitable for high-performance networking applications	
			High Bandwidth: Supports 40Gbps data transfer rates	
			Durable: Designed for long-term use in demanding enterprise environments	
			Flexible: Allows for easy cable management	
			Operating Temperature: 0°C to 70°C (32°F to 158°F)	
			RoHS Compliant: Yes	
	6	8	<b>units 250W 100-240VAC Power Supply with Power Cord for Distribution Switches</b>	
			Input:	

**TECHNICAL SPECIFICATIONS**  
**IB-2024-125**

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PCMC REQUIREMENT					BIDDERS' OFFER TO COMPLY WITH THE PCMC REQUIREMENTS
QTY	UNIT	Item Description			
<b>1</b>	<b>lot</b>	<b>Supply, Delivery, Installation, Configuration, and Testing of Network Rehabilitation for the Devices (Rebid)</b>			
				Voltage Range: 100-240VAC	
				Frequency: 50/60 Hz	
				Power Cord: Included (Type may vary depending on region)	
				Output:	
				Power: 250W	
				Voltage: Typically 12VDC (may vary depending on switch requirements)	
				Efficiency: 80%+ (typical for modern power supplies)	
				Physical:	
				Form Factor: Internal, hot-swappable	
				Cooling: Fan-cooled	
				Compatibility:	
				Designed for: Enterprise network switches	
				Specific switch models: Compatibility will vary depending on manufacturer and model	
				Features:	
				Hot-swappable: Can be replaced without powering down the switch	
				High efficiency: Minimizes power waste and heat generation	
				Over-current/over-voltage protection: Safeguards the switch and connected devices	
				LED indicators: Provide status information (power on, fault, etc.)	
				POE Compatible	
	<b>7</b>	<b>4</b>	<b>units</b>	<b>Front to Back Fan Tray for Distribution Switches</b>	
				Purpose: Provides front-to-back airflow for compatible network switches	
				Form Factor: Designed to fit into supplied switch models	
				Hot-swappable: Can be replaced without powering down the switch	
				Designed for: Enterprise network switches	
				Redundancy: Many switches support multiple fan trays for redundancy, ensuring continued operation even if one fan tray fails	
				Monitoring: The fan tray's status and health are typically monitored through the switch's management interface	
	<b>8.</b>	<b>132</b>	<b>units</b>	<b>Cloud-based Network Management Platform for the Access Points (1 year subscription)</b>	
	<b>9.</b>	<b>45</b>	<b>units</b>	<b>Cloud-based Network Management Platform for Edge Switches (1 year subscription)</b>	
	<b>10.</b>	<b>3</b>	<b>units</b>	<b>Cloud-based Network Management Platform for Distribution Switches (1 year subscription)</b>	
	<b>11.</b>	<b>2</b>	<b>units</b>	<b>Cloud-based Network Management Platform for Core Switches (1 year subscription)</b>	

**TECHNICAL SPECIFICATIONS**  
**IB-2024-125**

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PCMC REQUIREMENT					BIDDERS' OFFER TO COMPLY WITH THE PCMC REQUIREMENTS
QTY	UNIT	Item Description			
<b>1</b>	<b>lot</b>	<b>Supply, Delivery, Installation, Configuration, and Testing of Network Rehabilitation for the Devices (Rebid)</b>			
				Provides a centralized platform for managing and monitoring network devices, including access points, switches, gateways, wired network, and VPN.	
				Features a cloud-based solution for easy deployment and access to network management tools from anywhere with an internet connection	
				Allows administrators to perform device configuration, firmware updates, and monitoring of network devices through the device intuitive interface	
				Allows to define role-based access control policies, ensuring that users have appropriate levels of access to network resources	
				Provides network analytics and insights, allowing network administrators to track network performance, identify issues, and make data-driven decisions for network optimization	
				Supports zero-touch provisioning, enabling automated deployment	
				Allows to manage guest wi-fi networks, including captive portal authentication, bandwidth controls, and guest user polices	
				Provides AI-based insights for seamless administration of network issues.	
				Provides user and device authentication, secure wireless segmentation, intrusion detection and web content filtering.	
				Provides built-in troubleshooting tools or AI-powered optimization to eliminate manual troubleshooting.	
				The Cloud-based Network Management Platform must be of the same brand as the Access Points and Switches under this bidding to ensure compatibility or integration.	
		<b>12</b>	<b>40</b>	<b>units</b>	<b>Rack-mount Uninterruptible Power Supply (UPS)</b>
					Form Factor: Rack-mountable (2U or 3U)
					UPS Topology: Online Double-Conversion for clean and uninterrupted power supply.
					Capacity: Minimum 2000VA (2kVA) / 1800W to support network switches and PoE loads.
					Input Power: Voltage: 230V AC nominal input, Input Frequency: 50/60 Hz (auto-sensing), Input Connection: IEC 60320 C20 or equivalent with appropriate power cord.
					Output Power: Voltage: 230V AC nominal input, Input Frequency: Output Frequency: 50/60 Hz (synchronized to input), Output Waveform: Pure Sine Wave, Efficiency: Minimum 95% in online mode.
					Battery:

**TECHNICAL SPECIFICATIONS**  
**IB-2024-125**

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PCMC REQUIREMENT				BIDDERS' OFFER TO COMPLY WITH THE PCMC REQUIREMENTS
QTY	UNIT	Item Description		
1	lot	<b>Supply, Delivery, Installation, Configuration, and Testing of Network Rehabilitation for the Devices (Rebid)</b>		
			Battery Type: Sealed Lead-Acid (Maintenance-free) or Lithium-ion battery	
			Battery Runtime: At 50% Load: Minimum 15-20 minutes, At 100% Load: Minimum 5-10 minutes	
			Recharge Time: Less than 4 hours to 90% capacity.	
			Outlets:	
			Minimum 6 IEC 320 C13 outlets for connection to switches.	
			At least 1 IEC 320 C19 outlet for high-powered devices.	
			Management and Monitoring:	
			LCD display for real-time monitoring of: Input/Output voltage, Load percentage, Battery status and runtime	
			Network Management Card (NMC) for remote monitoring and control.	
			USB and Serial Port for local management.	
			Compatibility with SNMP for centralized monitoring.	
			Protection Features:Overload Protection, Short Circuit Protection, Surge and Spike Protection (minimum 600 Joules), Automatic Voltage Regulation (AVR) to stabilize input voltage.	
			Scalability and Redundancy:	
			Support for External Battery Packs (EBP) to extend runtime.	
			Hot-swappable batteries for easy maintenance without downtime.	
			Environmental Conditions:	
			Operating Temperature: 0°C to 40°C	
			Humidity: 0-95% (non-condensing)	
			Certifications:	
			Compliance with International Standards:	
			~ CE, IEC 62040-1, IEC 62040-2, or equivalent	
			~ RoHS-compliant	
			Warranty and Support:	
			Minimum 3 Years Warranty for UPS unit	
			Minimum 2 Years Warranty for batteries	
			24/7 Technical Support availability	
		<b>C. Safety Requirements</b>		
		1	Compliance with Philippine Standards from DTI and DICT.	
		2	Electrical safety standards	
		3	Fire safety standards	
		4	General safety and labeling	
		5	Occupational safety and health standards	
		6	The unit will be operated at 230 volts, 3-Pin Power Plug/Cable, strictly at 60 hertz	
			With battery back up system for detection and no separate volt conversion	

**TECHNICAL SPECIFICATIONS**  
**IB-2024-125**

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PCMC REQUIREMENT			BIDDERS' OFFER TO COMPLY WITH THE PCMC REQUIREMENTS
QTY	UNIT	Item Description	
1	lot	<b>Supply, Delivery, Installation, Configuration, and Testing of Network Rehabilitation for the Devices (Rebid)</b>	
	7	Power consumption of the unit must be clearly stipulated	
	8	Mechanical parts should be of heavy-duty durable type	
	9	Equipment should be maintainable and serviceable	
		<b>BRAND:</b>	
		<b>MAKE/MODEL:</b>	
		<b>D. Warranty</b>	
	1	For a period of three (3) years from the date of purchase, winning Bidder warrants that all access points, switches, and accessories included in this project will be free from defects in materials and workmanship under normal use and service, and one (1) year in Configuration and Commissioning Warranty	
	2	Preventive Maintenance Services and Calibration during the warranty period.	
		<b>E. Scope of Works</b>	
	1	The Scope of work consists of all supervision, labor, tools and equipment, shop facilities, and specific materials related to the Network Rehabilitation on Devices, which includes the following areas: 1st Floor, 2nd Floor and Third Floor of the Main Building	
		<b>a. Furnishing and installation of the network devices/equipment shall include but not be limited to the following:</b>	
		> Supply, delivery, and installation of network devices, connectors and accessories necessary for installing the network devices/equipment at the proposed location.	
		> Cleaning and retouching the entire area affected by the works during and after the implementation.	
		<b>b. Configuration, Testing, Tagging, and commissioning of the whole installation.</b>	
		<b>F. Others</b>	
	1.	The network devices being procured in this bid must be compatible with the existing PCMC servers, switches, and APs to fully utilize them and avoid waste. Unless the brand being offered is higher in specifications and capacity, such an offer will be considered.	

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.

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**NAME OF COMPANY** **ADDRESS**

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**SIGNATURE OVER PRINTED NAME** **TELEPHONE / FAX NO.**

## TERMS OF REFERENCE

### SUPPLY, DELIVERY, INSTALLATION, CONFIGURATION AND TESTING OF NETWORK REHABILITATION FOR THE DEVICES

#### PROJECT BACKGROUND

The Philippine Children's Medical Center (PCMC) stands as one of the premier pediatric hospitals in the country, committed to providing outstanding healthcare services to children across the Philippines. Equipped with state-of-the-art medical facilities and a dedicated team of professionals, PCMC offers a wide range of services, including pediatric surgery, intensive care, hematology, oncology, and cardiology, among others. Our commitment extends beyond treatment, as we actively engage in pioneering research, training, and comprehensive education to advance pediatric medicine.

Aligned with our vision to consistently deliver exceptional medical services, PCMC recognizes the vital importance of a robust Information Technology (IT) infrastructure. The launch of the Network Rehabilitation Project exemplifies this recognition, signifying a significant improvement in our Internet and network operations. While this initiative is monumental, it is only one step toward technological excellence. As part of this continuum, there is an urgent need to further strengthen the network infrastructure for the Main Building. Failing to do so could impede our ability to support our wide range of medical services and administrative functions.

This project manifests PCMC's steadfast commitment to upholding the highest medical care and technological expertise standards. By reinforcing our network infrastructure, we empower our medical professionals, researchers, and administrative staff to provide unparalleled services to our valued patients. The enhanced network directly improves the quality and efficiency of our medical services, making it a critical investment for PCMC's future.

#### PROJECT OBJECTIVES

The Project has two main objectives:

1. **Infrastructure Rehabilitation:** To rehabilitate the existing network infrastructure in the Main Building, ensuring high-speed, seamless, and secure connectivity.
2. **Future-proofing:** To install and configure an infrastructure that meets current demands while being scalable, ensuring that PCMC remains technologically advanced for years to come.

#### SPECIFIC DELIVERABLES

1. *Supply of Network Devices* - Provide high-quality, industry-standard network devices and accessories suitable for a medical institution of PCMC's stature.
2. *Delivery & Installation* – Provide timely delivery and professional installation of network devices and accessories, minimizing operational disruptions.
3. *Configuration* – Set up the device's network configuration using the vendor's proposed network IP addressing setup, ensuring seamless integration.

4. *Testing* - Conduct testing post-installation to confirm the connections' reliability, speed, and security.
5. *Documentation* - Provide a comprehensive manual detailing the network architecture, network diagram, configuration settings, and any other pertinent information.
6. *Training*—Provide MISD personnel with training sessions on managing, troubleshooting, and maintaining the new infrastructure.

#### **APPROVED BUDGET OF THE CONTRACT**

The Approved Budget for the Contract (ABC) is Eighteen Million Pesos Only (**Php 18,000,000.00**)

#### **Qualification Requirements and Other Documentary Requirements to be Submitted by Bidder.**

1. The Bidder must provide a Manufacturer's Certificate of the brand/products offered.
2. The Bidder must provide an Authorized Reseller Certificate of the brand/product being offered.
3. The Bidders have undertaken and completed a minimum of two (2) or three (3) of any ICT projects related to the supply, delivery, installation, and configuration of network devices in the last Five (5) years.
4. The Bidder must have a Certified Installer of the brand/product being offered.
5. The Bidder warrants that all supplied network equipment provided under this Agreement shall meet the following green energy compliance requirements:
  - a. Energy Efficiency:
    - All power supplies shall have a minimum efficiency rating of 80 PLUS
    - All devices shall support energy-saving features such as Green AP mode and EEE (Energy Efficient Ethernet).
    - The maximum power consumption for each device in different operating modes shall not exceed the specifications provided in the bidder's product documentation.
  - b. Environmental Impact:
    - All devices shall comply with the Restriction of Hazardous Substances (RoHS) Directive and other applicable environmental regulations.
    - The bidder shall provide information on the use of recycled and recyclable materials in the manufacturing of the devices.
    - The bidder shall offer a take-back or recycling program for the devices at the end of their useful life.
6. Contracts similar to the Project shall be:

The Bidder must have completed within the past five (5) years a single contract for any ICT projects equivalent to at least fifty percent (50%) of the ABC before the deadline for submitting and receiving bids.
7. The Bidder must be in the Philippine market for at least ten (10) years.
8. The bidder must provide a certification that the manufacturer is in business operation in the Philippines for at least fifteen (15) years.
9. The Bidder must provide Certification of After-Sales Support for the Network equipment. The After-Sales Support should include online, telephone support, on-call, on-site, and replacement if the hardware is defective during the warranty period.



10. While not a mandatory requirement, Bidders with ISO 9001:2015 and ISO 27001:2013 certification will have a competitive advantage..
11. Brochures or Technical Data Sheets or equivalent documents for the following items/equipment showing compliance with the required Technical Specifications:
  - a. Enterprise Access Point
  - b. Enterprise Distribution Switches
  - c. Enterprise Core Switches
  - d. Enterprise Cloud-based Network Management Platform
12. The assigned Project Manager of the Bidder shall call an official project kickoff, which shall be done seven days after receipt of the Notice to Proceed, to present how it intends to implement the Project.
13. The PCMC's MISD and the Evaluation Team representatives shall meet and coordinate with the winning Bidder for the different networking space requirements during the actual implementation of the Contract.
14. All offers/proposals shall comply with each Technical Specification listed in the Terms of Reference (TOR).
15. The winning Bidder must provide the following.
  - a. IP Subnetting and VLAN design
  - b. Final Network Diagram for the deployment of the devices or network equipment
  - c. Training for the Configuration and administration of proposed Active Components/Network Equipment.
  - d. Warranty Certificate
  - e. Certificate of Completion and Acceptance
16. The Bidder must propose a seamless wireless and wired network connection solution.
17. The winning Bidder must coordinate with the PCMC end-user and the structured cabling contractor before, during, and after the installation, configuration, and testing of network devices. This is to ensure proper planning for device deployment and to address any cabling-related issues promptly. Any identified cabling problems should be resolved immediately by the structured cabling contractor to ensure the timely resolution of network issues. The resolution of cabling issues should not exceed 3 days from the reporting of the issue.

**SCOPE OF WORK**

The Scope of work consists of all supervision, labor, tools and equipment, shop facilities, and specific materials related to the Network Rehabilitation on Devices, which includes the following areas:

<b>FLOOR</b>	<b>DEPARTMENT UNIT</b>
1 <sup>st</sup> Floor	Main Building
2 <sup>nd</sup> Floor	Main Building
3 <sup>rd</sup> Floor	Main Building

1. Furnishing and installation of the network devices/equipment shall include but not be limited to the following:

- Supply, delivery, and installation of network devices, connectors and accessories necessary for installing the network devices/equipment at the proposed location.
- Cleaning and retouching the entire area affected by the works during and after the implementation.

2. Configuration, Testing, Tagging, and commissioning of the whole installation.

## DELIVERABLES

No.	PARTICULARS	QTY	UOM
	<b>Active Components</b>		
1	Enterprise Access Point – Indoor MIMO 2x2	131	Units
2	Enterprise Access Point – Indoor MIMO 4x4	12	Units
3	Enterprise Access Point – Outdoor	2	Units
4	Enterprise Core Switch 24x10g SFP+ 4X40/100G QSFP28 bundle with Power Cable	4	Units
5	Enterprise Distribution Switch for 3 <sup>rd</sup> , 2 <sup>nd</sup> and 1 <sup>st</sup> Floor 24-port 1Gbe and 4-port SFP56 Switch	4	Units
6	Edge Switches (Layer 3 – 48G Class4, 4SFP+ 740W, with Power Cord)	5	Units
7	Edge Switches (24G Class 4 PoE 4SFP+ POE with Power Cord)	27	Units
	<b>Accessories</b>		
8	AP Mount Bracket for Enterprise Access Point – Indoor MIMO 2x2	131	Units
9	AP Mount Bracket for Enterprise Access Point – Indoor MIMO 4x4	12	Units
10	Outdoor AP Short Arm Pole/Wall mounting Bracket	2	Units
11	10G SFP+ LC SR 300m OM3 MMF Transceiver	19	Units
12	40G QSFP+ to QSFP+3m Direct Attach Copper Cable	4	Units
13	250W 100-240VAC Power Supply with Power Cord for Enterprise Distribution Switches	8	Units
14	Front to Back Fan Tray for Distribution Switches	4	Units
15	<b>Cloud-based Network Management Platform Subscriptions</b>		
	Access Points - 1 Year Subscription for Access Points	132	Units
	Central Switches – 1 Year Subscription for Edge Switches	45	Units

	Central Switches – 1 Year Subscription for Distribution Switches	3	Units
	Central Switches – 1 Year Subscription for Core Switches	2	Units
<b>16</b>	Rack-mount Uninterruptible Power Supply (UPS)	40	Units
<b>17</b>	<p><b>1. Configuration on Site service for Wired and Wireless Solution:</b></p> <ul style="list-style-type: none"> <li>a. 131 x Indoor Access Point</li> <li>b. 1 x Outdoor Access Point</li> <li>c. 2 x Core Switch</li> <li>d. 4 x Distribution Switch</li> <li>e. 32 x Edge Switch</li> <li>f. Cloud-based Network Management Platform</li> </ul> <p><b>2. Design the Solution Architecture</b></p> <ul style="list-style-type: none"> <li>a. Provide IP Subnetting</li> <li>b. Provide VLAN Design</li> <li>c. Updated network Diagram</li> <li>d. Configuration documentation</li> </ul> <p><b>3. Plan the Implementation Approach (Install, Start-up and Configuration)</b></p> <p>Switches:</p> <ul style="list-style-type: none"> <li>a. Physical Installation</li> <li>b. Connecting of uplinks from patch panel to switches</li> <li>c. Switch Template Configuration</li> <li>d. Configuration Verification</li> <li>e. Configure VLANs</li> </ul> <p>Access Point:</p> <ul style="list-style-type: none"> <li>a. Power up AP</li> <li>b. Uplink to existing PoE Switch or other compatible power source</li> <li>c. Mobility Controller Discovery</li> </ul> <p>Cloud-based Network Management Platform</p> <ul style="list-style-type: none"> <li>a. Account Registration</li> <li>b. Device Onboarding</li> <li>c. License Association and Activation</li> <li>d. Configure Site/Group/Label</li> <li>e. Configure VLANs</li> </ul> <p><b>4. IT Training</b></p>	<b>1</b>	<b>Lot</b>

**TECHNICAL SPECIFICATIONS**

- Please refer to the Attached Technical Specifications

## WARRANTY AND SUPPORT

- A. Active Components – For a period of three (3) years from the date of purchase, winning Bidder warrants that all access points, switches, and accessories included in this project will be free from defects in materials and workmanship under normal use and service.

If a defect covered by this warranty occurs during the warranty period, winning Bidder will, at its option, repair or replace the defective access point, switch, or accessory.

- B. Active Components Preventive Maintenance - The winning bidder shall conduct preventive maintenance on the devices on a quarterly schedule during the warranty period.

Specific preventive maintenance on the following:

- a. Visual Inspection
- b. Power Supply
- c. Fan and Cooling Systems
- e. Software and Firmware Updates
- f. Performance Monitoring
- g. Security Checks
- f. Backup and Restore

- C. Configuration and Commissioning Warranty (1 year from date of issuance of Certificate of Acceptance)

- The configuration and commissioning services will be performed in a professional and workmanlike manner, ensuring the proper installation, integration, and operation of the IT equipment, complying with all applicable laws, rules and regulations.
- The bidder warrants that the configured systems shall be fully functional, compatible with the existing infrastructure, and meet the performance requirements specified in the TOR and the ABC.
- Any defects or deficiencies in the configuration and commissioning shall be rectified by the bidder at its own expense within the reasonable timeframe, as determined by PCMC.

- D. Support Provisions

- The bidder shall provide technical support services for the IT equipment and systems based on the warranty period as agreed upon in this contract.
- Technical Support shall include:
  1. Remote troubleshooting and assistance via phone, email, or online chat.
  2. On-site support visits, if necessary, within 24 hour response time as specified in the contract.
  3. Software updates, patches, and bug fixes to maintain the functionality and security of the systems,
  4. Training and knowledge transfer to MISD personnel on the proper operation and maintenance of the equipment.

## DELIVERY PERIOD

The total delivery period of **sixty (60) days** begins from the Notice to Proceed. This calculation excludes the days when the structured cabling is still in progress after the delivery of the network design with IP addressing.

**a. Network Devices Delivery (30 Days)**

Network devices and accessories should be delivered within thirty (30) calendar days of the winning bidder's receipt of the Notice to Proceed.

**b. Network IP Subnetting Design with VLAN (10 Days)**

The bidder is required to deliver the network IP Subnetting Design with VLAN set-up within 10 days of delivery of network devices.

**c. Installation, Configuration, and Testing (20 Days)**

The bidder should also conduct installation, configuration, and testing within 20 days of completing the installation of the structured cabling.

**TERMS OF PAYMENT**

The terms of payment shall be as follows:

Percentage	Description
Sixty-five percent (65%) of TCP	Upon complete delivery of the equipment.
Fifteen percent (15%) of TCP	<ul style="list-style-type: none"><li>• Upon submission of Network Topology (IP addressing and subnetting, Network Diagram, VLAN Configuration and Design) and actual simulation</li><li>• Final configuration of setups on individual network equipment and security policies.</li></ul>
Twenty percent (20%) of TCP	<ul style="list-style-type: none"><li>• Upon installation, configuration and commissioning and acceptance of the equipment.</li><li>• Completion of end-users' training</li></ul>

**TRAINING**

Provide comprehensive training to designated PCMC users on the concepts, usage, administration, monitoring, and maintenance of the supplied IT Network Equipment. This includes:

1. Provide a comprehensive training program tailored specific to the IT equipment and systems, covering theoretical concepts and practical exercises on the following skills:
  - Hands-on training in system administration.
  - Network fundamentals and topology
  - Network installation, monitoring, and troubleshooting.
  - Device configuration and management.
  - Network protocols

- Network security and best practices.
2. Qualified trainers are experienced in their field in relevant technology and proven track record with certifications.
  3. Training materials must be well structured and easy to understand including explanations, diagrams, and examples.
  4. Conduct hands-on exercises and simulations to allow participants to apply their knowledge.
  5. Certificate of completion issued to participants upon successful completion of the training.
  6. Post-training support and assistance to address any questions and concerns
  7. The training schedule is mutually agreed upon schedules and arrangement.
  8. The training equipment and materials will be provided by the bidder unless otherwise specified.
  9. The training cost is included in the overall bid price

## **PENALTY**

### Liquidated Damages:

- For each day of delay beyond the agreed-upon delivery date, the bidder shall be liable to pay liquidated damages equivalent to one-tenth (1/10) of one percent (1%) of the cost of the delayed goods or services for every day of delay.
- The maximum cumulative amount of liquidated damages shall not exceed 10% of the total contract price.

### Termination for Default:

- If the delay exceeds 30 calendar days, the Procuring Entity reserves the right to terminate the contract for default, in whole or in part, and to procure the undelivered goods or services from other sources at the bidder's risk and expense.
- In such an event, the bidder shall be liable for any additional costs incurred by the Procuring Entity due to the termination and re-procurement.

## **QUALIFICATION OF IT PROFESSIONAL**

### Technical Expertise and Experience:

- **Certified Professionals:** The bidder must have a team of certified network engineers or professionals with expertise in designing and configuring complex network topologies that can demonstrate proficiency in network design and implementation.
- **Proven Experience:** Documented evidence of the bidder's previous experience in designing and implementing network topologies of similar scale and complexity, preferably in enterprise environments.

**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.