



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

SECTION I

Invitation to Bid

**One (1) Lot Supply, Delivery, Installation
and Testing of Network Infrastructure
Cabling for PCMC Main Building (Rebid)**

IB-2024-108



Republic of the Philippines
DEPARTMENT OF HEALTH
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Quezon Avenue, Quezon City 1100
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Trunk Line: 8588-9900 to 20 Direct Line: 8924-6601

INVITATION TO BID

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

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

2. The **Philippine Children's Medical Center (PCMC)** now invites bids for the above-mentioned project. Delivery of the Goods is required as **stated in Section VI Schedule of Requirements**. Bidders should have completed, within the **past three (3) years** from the date of submission and receipt of bids, a contract similar to the Project. The description of an eligible bidder is contained in the Bidding Documents, particularly, in Section II. Instructions to Bidders.
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.

PhilHealth Accredited



- a. Bidding is restricted to Filipino citizens/sole proprietorships, partnerships, or organizations with at least sixty percent (60%) interest or outstanding capital stock belonging to citizens of the Philippines, and to citizens or organizations of a country the laws or regulations of which grant similar rights or privileges to Filipino citizens, pursuant to RA No. 5183.
4. Prospective Bidders may obtain further information from PCMC and inspect the Bidding Documents at the address given below during office hours.
5. A complete set of Bidding Documents may be acquired by interested Bidders on **October 31, 2024** from the given address and websites below upon payment of the applicable fee for the Bidding Documents, pursuant to the latest Guidelines issued by the GPPB, in the amounts stated above (Cost of Bidding Documents). The Procuring Entity shall allow the bidder to present its proof of payment for the fees in person or through electronic means.
6. The Philippine Children's Medical Center will hold a **Pre-Bid Conference on November 8, 2024, at 10:00 AM** through video conferencing via **Zoom (Meeting ID: 929 5934 4555 Passcode: 24107114)** which shall be open to prospective bidders.
7. Bids must be duly received through manual submission on or before **November 20, 2024, 1:30 P.M., Guard-on-Duty, 3rd Floor, Procurement Division Area, PCMC Main Building**. Late bids shall not be accepted.
8. All Bids must be accompanied by a bid security in any of the acceptable forms and in the amount stated in **ITB Clause 14**.
9. Bid opening shall be on **November 20, 2024, 2:00 PM, 3rd Floor, Function Hall 2, PCMC Main Building**. Bids will be opened in the presence of the Bidders' representatives who choose to attend the activity. In compliance to social distancing and to support the government's effort to mitigate, if not contain transmission of COVID -19, we will **strictly allow only one authorized representative per bidder company** to enter the venue during opening of bids. Provided further, that said authorized representative shall follow PCMC's safety protocol by wearing a face mask while inside PCMC Premises.
10. The **Philippine Children's Medical Center (PCMC)** reserves the right to reject any and all bids, declare a failure of bidding, or not award the contract at any time prior to contract award in accordance with Sections 35.6 and 41 of the 2016 revised IRR of RA No. 9184, without thereby incurring any liability to the affected bidder or bidders.
11. For further information, please refer to:

Procurement Division
3rd Floor, PCMC Main Building
Quezon Avenue, cor. Sen. Miriam P. Defensor-Santiago Avenue,
Quezon City
Trunk line: 8588-9900 Loc 1331 / 1332
Fax Number: 8924-0870
Mobile Number: +63917-8423248
Email: pcmcbac@gmail.com

12. You may visit the following websites:

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

October 31, 2024


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

IB 2024-107 to 114

Page 2 of 2



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SECTION II

Instructions to Bidders

**One (1) Lot Supply, Delivery, Installation
and Testing of Network Infrastructure
Cabling for PCMC Main Building**

IB-2024-108

1. Scope of Bid

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

Invitation To Bid No.	Item Description	Approved Budget for the Contract (Php)
IB No. 2024-108	One (1) Lot Supply, Delivery, Installation and Testing of Network Infrastructure Cabling for PCMC Main Building	11,000,000.00

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 Eleven Million Pesos (**Php 11,000,000.00**).

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 September 26, 2024, at 2:00 P.M. through video conferencing via Zoom Application (Meeting ID: 942 2859 0335 Passcode: 710772) 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 three (3) years** prior to the deadline for the submission and receipt of bids.
- 10.3. If the eligibility requirements or statements, the bids, and all other documents for submission to the BAC are in foreign language other than English, it must be accompanied by a translation in English, which shall be authenticated by the appropriate Philippine foreign service establishment, post, or the equivalent office having jurisdiction over the foreign bidder's affairs in the Philippines. Similar to the required authentication above, for Contracting Parties to the Apostille Convention, only the translated documents shall be authenticated through an apostille pursuant to GPPB Resolution No. 13-2019 dated 23 May 2019. The English translation shall govern, for purposes of interpretation of the bid.

11. Documents comprising the Bid: Financial Component

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

12. Bid Prices

- 12.1. Prices indicated on the Price Schedule shall be entered separately in the following manner:
 - a. For Goods offered from within the Procuring Entity's country:
 - i. The price of the Goods quoted EXW (ex-works, ex-factory, 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 Declaration¹ or any form of Bid Security in the amount indicated in the **BDS**, which shall be not less than the percentage of the ABC in accordance with the schedule in the **BDS**.
- 14.2. The Bid and bid security shall be valid until **120 calendar days**. Any Bid not accompanied by an acceptable bid security shall be rejected by the Procuring Entity as non-responsive.

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 (1st) Envelope**, shall contain the Technical Component accomplished in two (2) sets, **each set filed in a folder**

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

All copies should be certified as true copy

COLOR CODING OF FOLDERS/ENVELOPES	BLUE
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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
and Testing of Network Infrastructure
Cabling for PCMC Main Building (Re-bid)**

IB-2024-108

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"> a. Supply, Delivery, Installation, Configuration and Testing of Network Rehabilitation for the Devices and One (1) Lot Supply, Delivery, Installation and Testing of Network Infrastructure Cabling b. Completed within <u>the last five (5) years</u> prior to the deadline for the submission and receipt of bids. 						
7.1	Subcontracting is not allowed.						
12	The Bid prices for Goods supplied from outside of the Philippines shall be quoted in Philippine Pesos.						
14.1	<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"> 1. The amount of not less than two percent (2%) of the ABC of the item, if bid security is in cash, cashier's/manager's check, bank draft/guarantee or irrevocable letter of credit; or 2. The amount of not less than five percent (5%) of the ABC of the item, if bid security is in Surety Bond. 						
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;">IB No. 2024-105</td> <td style="text-align: center;">One (1) Lot Supply, Delivery, Installation and Testing of Network Infrastructure Cabling for PCMC Main Building</td> <td style="text-align: center;">11,000,000.00</td> </tr> </tbody> </table>	Invitation To Bid No.	Item Description	Approved Budget for the Contract (Php)	IB No. 2024-105	One (1) Lot Supply, Delivery, Installation and Testing of Network Infrastructure Cabling for PCMC Main Building	11,000,000.00
Invitation To Bid No.	Item Description	Approved Budget for the Contract (Php)					
IB No. 2024-105	One (1) Lot Supply, Delivery, Installation and Testing of Network Infrastructure Cabling for PCMC Main Building	11,000,000.00					

20.2	<p>The Lowest Calculated Bidder 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 (ARRANGED, NUMBERED AND TABBED) <i>[Strictly NO using of staple wire and thick materials for tabs]</i>:</p> <ol style="list-style-type: none"> 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 last quarter. 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. <ul style="list-style-type: none"> 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) <i>or</i> 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: <ol style="list-style-type: none"> 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);
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	<p>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;</p> <p>iv. That it has competence in handling and providing technical support as well as maintenance of the equipment being offered; and</p> <p>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> <p>14. Duly notarized Certificate from Bidder:</p> <p>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;</p> <p>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;</p> <p>iii. That it will conduct training for proper operation and maintenance to end-users of the equipment upon delivery; and</p> <p>iv. That it will provide replacement/back-up unit while the delivered unit is being repaired.</p> <p>15. The Recurring and Maintenance Costs (<i>use of Form DOBA – PCMC – RMF8 is required</i>)</p> <p>16. List of Consumables (PARTS/ACCESSORIES/SUPPLIES) [<i>use of Form DOBA – PCMC – LCF9 is required</i>]</p> <p>17. Duly signed and fully filled out acknowledgment on PCMC’s Advisory regarding fraudulent solicitations.</p> <p>18. Other appropriate licenses and permits required by law and stated in the Bidding Documents</p> <p style="text-align: center;">Note: A USB Flash Drive shall be included containing the SCANNED COPY (in PDF Format) 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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SECTION IV

General Conditions of Contract

**One (1) Lot Supply, Delivery, Installation
and Testing of Network Infrastructure
Cabling for PCMC Main Building (Re-bid)**

IB-2024-108

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 email: 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
and Testing of Network Infrastructure
Cabling for PCMC Main Building**

IB-2024-108

Special Conditions of Contract

GCC Clause	
1	<p>Delivery and Documents –</p> <p>For purposes of the Contract, “EXW,” “FOB,” “FCA,” “CIF,” “CIP,” “DDP” and other trade terms used to describe the obligations of the parties shall have the meanings assigned to them by the current edition of INCOTERMS published by the International Chamber of Commerce, Paris. The Delivery terms of this Contract shall be as follows:</p> <p><i>For Goods Supplied from 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"> (i) Current and Valid Certificate of Manufacturer's compliance with ISO and/or other Standards/Conformance /Safety Requirements for the equipment; (ii) Original copy of the Supplier’s invoice showing Goods’ description, quantity, unit price, and total amount; (iii) Original copy of the Manufacturer’s and/or Supplier’s warranty certificate on parts and services, including accessories starting from final acceptance; (iv) Original copy of Certification of Availability of Replacement/ Back-up unit while the provided unit/s is/are being repaired. <i>(If applicable)</i> (v) Original copy of Certificate of Calibration, Testing and Adjustment. <i>(If applicable)</i> (vi) Original copy of certificate of preventive maintenance during the warranty period. <i>(If applicable)</i> (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> (viii) Original and two (2) copies in English Language: <i>(If applicable)</i> <ul style="list-style-type: none"> a. User's Manual (Hard copy) b. Operation's Manual (hard copy) c. Service Manual with CD Diagram (ix) Original Copy of Certification as locally manufactured <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>Intellectual Property Rights –</p> <p>The Supplier shall indemnify the Procuring Entity against all third-party claims of infringement of patent, trademark, or industrial design rights arising from use of the Goods or any part thereof.</p>
2.2	<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"> 1) Upon delivery, the Goods shall undergo preliminary physical inspection by the Inspection Team of the PROCURING ENTITY to ascertain the physical condition and acceptability of the Goods. 2) The supplier shall promptly replace the equivalent quantity of Goods taken as samples without cost to the PROCURING ENTITY.
5	<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.



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Bids and Awards Committee
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Trunkline: 8588-9900 local 361/355 Telefax No.: 8924-0870

SECTION VI

Schedule of Requirements

**One (1) Lot Supply, Delivery, Installation
and Testing of Network Infrastructure
Cabling for PCMC Main Building**

IB-2024-108

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 DELIVERY PERIOD	Bidder's Offer <i>(<u>within the acceptable period</u>)</i>
Materials and Management Division 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.



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SECTION VII

Technical Specifications

**One (1) Lot Supply, Delivery, Installation
and Testing of Network Infrastructure
Cabling for PCMC Main Building**

IB-2024-108



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SECTION VIII

Checklist of Technical and Financial Documents

One (1) Lot Supply, Delivery, Installation
and Testing of Network Infrastructure
Cabling for PCMC Main Building (Re-bid)

IB-2024-108

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-2024-108

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	Supply, Delivery, Installation and Testing of Network Infrastructure Cabling for PCMC Main Building (Re-bid)			
		A. Specifications of the Main Equipment			
		1.	4	sets	Fiber Optic Module Carrier 3HU
					1. Form Factor: 19-inch Rack Mount
					2. Height: 3U
					3. Construction: Aluminum housing with plastic guide rails
					4. Capacity: Up to 84 subunits (builtin modules)
					5. Module Mounting: Front and rear rails with 5.08mm screw pitch
					6. Guide Rails: 24 black plastic guide rails, locked top and bottom
					7. Other: Includes aluminum base plate, lid, and side walls
		2.	42	sets	Fiber Optic Module Carrier 1HU
					1. Form Factor: 19-inch Rack Mount
					2. Height: 1U
					3. Capacity: Up to 3 fiber optic modules (3U/7TE)
					4. Cable Management: Double cable interception per module
					5. Module Mounting: Minimum 2 screws per module
					6. Guide Plates: Integrated for fiber optic modules
					7. Installation Depth: Maximum 285mm
					8. Module Support Material: Steel, powder coated
					9. Carrier Color: Light gray
					10. Cable Ties: Minimum 6 included
		3.	66	pcs	Fiber Optic Module for MDF, IDF, MDF-Redundant, IDF-Redundant
					1. Form Factor: 3U/7TE
					2. Mounting: Screw mountable into a fiber optic assembly carrier
					3. Splice Cassette: Screw-mounted, with lid
					4. Front Panel: Removable, aluminum (1.5mm, anodized)
					5. Couplings: Minimum 6 LC duplex couplings, OM4 compatible
					6. Pigtailed:
					– Fiber Type: IEC 60793-2-10 compliant

TECHNICAL SPECIFICATIONS
IB-2024-108

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	Supply, Delivery, Installation and Testing of Network Infrastructure Cabling for PCMC Main Building (Re-bid)			
				– Secondary Coating: Colored, max. 900um	
				– Crush Resistance: Minimum 1000N/m	
				– Damping: Maximum 1.0dB/km at 1300nm	
				– Bandwidth: Minimum 1500 MHz x km at 850nm	
				– Connector: LC duplex, IEC 61754-20 compliant	
				– Ferrule: Zirconia ceramic	
				– Return Loss: Minimum 30dB	
				– Color Coding: 12 colors according to IEC 60304	
				Dust Covers: Included for couplings and pigtail ends	
		4. 6300	lms	Fiber Optic Cable (2 x 3150 lms)	
				1. 12 Core: The cable contains 12 individual optical fibers, allowing for 12 simultaneous data transmission channels.	
				2. Outdoor: The cable is designed and constructed to withstand outdoor environmental conditions such as moisture, temperature fluctuations, and UV exposure.	
				3. Non Armored: The cable lacks additional protective armoring, making it more flexible and easier to install.	
				4. Unitube Fiber: The 12 fibers are housed within a single protective tube (unitube) within the cable structure, simplifying cable management and installation.	
				5. Backbone: This designates the cable's intended use for primary network connections, providing high-capacity data transmission between central network hubs or buildings.	
				6. Multimode OM3 Compatible: The fibers are compatible with OM3 multimode fiber standards, ensuring support for high-bandwidth applications like 10 Gigabit Ethernet over significant distances.	
				7. 10 Gig: The cable is specifically designed and tested to support 10 Gigabit Ethernet data transmission speeds.	
				8. The cable is versatile and can be used in various network setups, including patch cords for short connections, patch panels for organized cable management, and wire managers for cable routing and protection.	
		5. 576	sets	Duplex Adaptor Cord	
				1. Connector 1: LC Duplex	
				2. Connector 2: LC Duplex	
				3. Fiber Type: Multimode	
				4. Fiber Standard: OM3	

TECHNICAL SPECIFICATIONS
IB-2024-108

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	Supply, Delivery, Installation and Testing of Network Infrastructure Cabling for PCMC Main Building (Re-bid)			
				5. Length: 2.0 meters	
		6.	42	pcs Dummy Plate for 3HU/7PU Cabinet	
				1. Material: Made of metal for durability and strength	
				2. Finish: Powder-coated to resist corrosion and enhance aesthetics.	
				3. Mounting: Fit securely into the designated rack slots using screws or other mounting mechanisms.	
		7.	50	pcs Cat6a Patch Panel, Shielded (Data and AP Cabling)	
				1. Mounting: 19-inch Rack Mount	
				2. Orientation: Straight (180 degrees)	
				3. Construction: Metal with integrated cable management	
				4. Port Layout: Two rows, staggered	
				5. Port Labeling: Numbered 1 to 24	
				6. Port Angling: 15-degree exit, alternating left/right	
				7. Port Capacity: 24	
				8. Grounding: Pre-installed bonding wire	
				9. Mounting: Recess or flush mount compatible	
				10. Finish: Black	
		8.	956	pcs Cat6a Telecom Outlet, Shielded (Work Area Side and Equipment Side)	
				1. Connector Standard: IEC 60603-7-51	
				2. Performance:	
				– Supports 10 Gigabit Ethernet (IEEE 802.3an)	
				– Meets Category 6A component standards (ISO/IEC 11801, DIN EN 50173-1)	
				– Achieves Class EA performance for Permanent Link and Channel Link (ISO/IEC 11801, DIN EN 50173-1)	
				– Compatible with Power over Ethernet (PoE): PoE (IEEE 802.af), PoE+ (IEEE 802.3at), 4PPoE (IEEE 802.3bt)	
				3. Features:	
				– Optimized contact design for reduced sparking	
				– Safe-lock mechanism for secure module fastening	

TECHNICAL SPECIFICATIONS
IB-2024-108

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	Supply, Delivery, Installation and Testing of Network Infrastructure Cabling for PCMC Main Building (Re-bid)			
				– Accepts RJ45, RJ12, and RJ11 plugs	
				– Gas-tight 45-degree IDC contacts	
				– Built-in cable strain relief	
				– RoHS compliant	
		9.	680 pcs	Faceplate	
				1. Form Factor: Double Gang	
				2. Dimensions: 86mm x 86mm	
				3. Style: UK	
				4. Frame: Beveled	
				5. Number of Outlets: 2	
				6. With Label Holder	
				7. Outlet Mounting: Detachable, Angled (45 degrees)	
				8. Material: ABS (UL94V-0 flame rating)	
				9. Shutter: Spring-loaded	
				10. Finish: Glossy White	
		10.	956 pcs	Cat6a Patch Cable, Shielded (1.5m)	
			680 pcs	Cat6a Patch Cable, Shielded (3m)	
				1. Type: Cat7 S/FTP (Screened Foiled Twisted Pair)	
				2. Connector: RJ45, IEC 60603-7-51 compliant	
				3. Boot: 90°/180°/270° molded with latch protection	
				4. Performance:	
				- Supports 10 Gigabit Ethernet	
				- Meets Class EA standards (ISO/IEC 11801, EN 50173-1)	
				- Meets Cat6A standards (ANSI/TIA-568.2-D)	
				5. Cable:	
				- Construction: 4x2xAWG27/7, S/FTP	
				- Jacket: LSZH (Low Smoke Zero Halogen)	
				6. Shielding: 360-degree coverage, including tinned copper braid and Al-laminated foil	
				7. PoE Compatibility: PoE+ (IEEE 802.3at), 4PPoE (IEEE 802.3bt)	
				8. Certifications: GHMT Premium Verification Program, UL Listed	
		11.	40,800 lms	Cat6a U/FTP Cable for Horizontal Data Cabling (Color Blue)	
			8,280 lms	Cat6a U/FTP Cable for Horizontal AP Cabling (Color Orange)	
				1. Type: U/FTP (Screened Foiled Twisted Pair)	
				2. Category: Cat6a	
				3. Conductor:	

TECHNICAL SPECIFICATIONS
IB-2024-108

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	Supply, Delivery, Installation and Testing of Network Infrastructure Cabling for PCMC Main Building (Re-bid)			
				– Material: Bare copper	
				– Gauge: AWG23/1 (0.56mm diameter)	
				4. Number of Pairs: 4	
				5. Shielding:	
				– Individual Pair: Aluminum-laminated plastic foil	
				– Overall: Copper drain wire + LSZH (Low Smoke Zero Halogen) jacket	
				6. Outer Diameter: 7.0 ± 0.2 mm	
				7. Electrical Performance:	
				– Meets or exceeds Cat6a standards (ISO/IEC 11801, etc.)	
				– Suitable for 10 Gigabit Ethernet and other high-speed applications	
	12.	2	sets	Data Cabinet, MDF-42RU	
				1. Dimensions: 42U x 19" x 800mm (depth)	
				2. Construction: Welded steel frame with perforated front and rear doors	
				3. Features: Adjustable mounting rails, cable management, locking doors, grounding provisions, 2 x 120mm exhaust fans (top mounted)	
				4. Load Capacity: 1000 lbs (453.6 kg)	
				5. Certifications: CE compliant	
				6. Standards: Adhere to EIA-310 standard	
				7. Accessories: Optional shelves, PDUs, and cable management trays	
	13.	21	sets	Data Cabinet, IDF - 15RU	
				1. Dimensions: 15U x 19" x 600mm (depth)	
				2. Construction: Welded steel frame with perforated front and rear doors	
				3. Features: Adjustable mounting rails, cable management, locking doors, grounding provisions	
				4. Load Capacity: 300 lbs (136.1 kg)	
				5. Certifications: CE compliant	
				6. Standards: Adhere to EIA-310 standard	
				7. Accessories: Optional shelves and cable management trays	
	14.	1	lot	Grounding and Bonding	
				1. Communications Earthing System (CES)	
				– Purpose: Dual-purpose for functional and protective earthing of telecommunications equipment	
				– Design Standards: IEC 60364, ISO/IEC 14763-2	
				– Independence: Installed separately from building's electrical and building ground	
				– Earthing Conductors:	
				Minimum size: 6 mm ²	
				Insulation: Green/yellow	
				– Communications Earthing Terminal (CET) Block:	
				2. Location: Within 10 meters of equipment frames/cabinets	
				Proximity: Near an electrical switchboard	

TECHNICAL SPECIFICATIONS
IB-2024-108

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	Supply, Delivery, Installation and Testing of Network Infrastructure Cabling for PCMC Main Building (Re-bid)			
				– Communications Bonding Conductor:	
				Connects CET to electrical protective earth	
				Minimum size: 6 mm ²	
				Insulation: Green/yellow	
				Maximum resistance: 0.5 ohms	
				– Metallic Pathway Earthing:	
				Conductor size: 2.5 mm ²	
				Insulation: Green/yellow	
				3. Connection: To building and/or electrical protective earth	
				4. Installation and Termination:	
				– Contractor Responsibility: Supply and install CES conductors, CET blocks, and earthing conductors up to the protective earthing point	
				– Licensed Electrician: Required for terminations at the electrical protective earth at an electrical switchboard	
		B. Accessories			
		12.	1	units	UPS for the whole system for which capacity will be base on the power supply rating for distribution switches.
					BRAND:
					MAKE/MODEL:
		C. Safety Requirements			
		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
		7			With battery back up system for detection and no separate volt conversion
		8			Power consumption of the unit must be clearly stipulated
		9			Mechanical parts should be of heavy-duty durable type
		10			Equipment should be maintainable and serviceable
					BRAND:
					MAKE/MODEL:
		D. Warranty			

TECHNICAL SPECIFICATIONS
IB-2024-108

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	Supply, Delivery, Installation and Testing of Network Infrastructure Cabling for PCMC Main Building (Re-bid)	
		1 > The structured cabling system, encompassing cables, connectors, patch panels, and associated hardware, is covered by A 3-year warranty. Workmanship related to the installation and setup is guaranteed for a period of 3 years.	
		2 Semi Annual Preventive Maintenance Services for the structured cabling system (see TOR)	
		E. Others	
		1. Physical Connectivity: Design and implement physical pathways, such as wireways and conduits, to establish direct connections among the network devices, servers and end user devices in the PCMC main building, including the data center.	
		3. Structured cabling installation, testing, and commissioning services. Includes cable routing, termination, equipment setup, network verification, and site restoration.	
		4. Structured cabling implementation for hospital infrastructure: Adhere to international standards, use high-quality, green-compliant materials, ensure proper installation & testing, and prioritize energy efficiency & recyclability. Design and implement the system to meet the unique demands of a hospital environment, such as high bandwidth requirements, electromagnetic interference (EMI) concerns, and 24/7 operation.	
		F. Scope of Works	
		> Conforme to the attached Scope of Works	

PCMC has the right to reject any or all bids without offering any reason, waive any required formality and award the contract to any bidder whose proposals as evaluated by PCMC is the most advantageous to the government.

NAME OF COMPANY	ADDRESS
SIGNATURE OVER PRINTED NAME	TELEPHONE / FAX NO.

PRICE SCHEDULE

(For Goods Offered from Abroad)

PROCURING ENTITY : PHILIPPINE CHILDREN'S MEDICAL CENTER						NAME OF BIDDER :			
INVITATION TO BID NO. : IB-2024-108									
1	2	3	4	5	6	7	8	9	10
Qty	Item	Description (Brand / Make / Model)	Country of Origin	Manufacturer	Unit price CIF port of entry (specify port) or CIP named place (specify border point or place of destination)	Total CIF or CIP price per item (col. 1 x 6)	Unit Price Delivered Duty Unpaid (DDU)	Unit price Delivered Duty Paid (DDP)	Total Price delivered DDP (col 1 x 9)
One (1) Lot	Supply, Delivery, Installation and Testing of Network Infrastructure Cabling for PCMC Main Building (Re-bid) Total ABC = Php 11,000,000.00 <i>**Use Annex "A" for the detailed offer</i>								
<ul style="list-style-type: none"> • Bids will be valid for one hundred twenty (120) days and it shall remain binding upon us and may be accepted at any time before the expiration of that period; 						TERMS OF PAYMENT (For discounts being offered, if there's any. Otherwise, state "NONE"):			
<ul style="list-style-type: none"> • PCMC has the right to reject any or all bids without offering any reason, waive any required formality and award the contract to any bidder whose proposals as evaluated by PCMC is the most advantageous to the government. 						NAME AND SIGNATURE OF AUTHORIZED REPRESENTATIVE			

PRICE SCHEDULE

(For Goods Offered from within the Philippines)

PROCURING ENTITY : PHILIPPINE CHILDREN'S MEDICAL CENTER							NAME OF BIDDER :			
INVITATION TO BID NO. : IB-2024-108										
1	2	3	4	5	6	7	8	9	10	11
Qty	Item	Description (Brand / Make / Model)	Country of Origin	Manufacturer	Unit Price EXW per item	Transportation and all other costs incidental to delivery, per item	sales and other taxes payable if Contract is awarded, per item	Cost of Incidental Services, if applicable, per item	Price, per unit (col 6+7+8+ 9)	Total Price delivered Final Destination (col 10) x (col 1)
One (1) Lot	Supply, Delivery, Installation and Testing of Network Infrastructure Cabling for PCMC Main Building (Re-bid) Total ABC = Php 11,000,000.00 <i>**Use Annex "A" for the detailed offer</i>									
<ul style="list-style-type: none"> Bids will be valid for one hundred twenty (120) days and it shall remain binding upon us and may be accepted at any time before the expiration of that period; 							TERMS OF PAYMENT (For discounts being offered, if there's any. Otherwise, state "NONE"):			
<ul style="list-style-type: none"> PCMC has the right to reject any or all bids without offering any reason, waive any required formality and award the contract to any bidder whose proposals as evaluated by PCMC is the most advantageous to the government. 							NAME AND SIGNATURE OF AUTHORIZED REPRESENTATIVE			

Item No.	Qty	Unit	Item Description	Description	Country of Origin	Unit Cost	Total Cost
				(Brand/Make/Model)			
A. Specifications of the Main Equipment							
1.	4	sets	Fiber Optic Module Carrier 3HU				
2.	42	sets	Fiber Optic Module Carrier 1HU				
3.	66	pcs	Fiber Optic Module for MDF, IDF, MDF-Redundant, IDF-Redundant				
4.	6300	lms	Fiber Optic Cable (2 x 3150 lms)				
5.	576	sets	Duplex Adaptor Cord				
6.	42	pcs	Dummy Plate for 3HU/7PU Cabinet				
7.	50	pcs	Cat6a Patch Panel, Shielded (Data and AP Cabling)				
8.	956	pcs	Cat6a Telecom Outlet, Shielded (Work Area Side and Equipment Side)				
9.	680	pcs	Faceplate				
10.	956	pcs	Cat6a Patch Cable, Shielded (1.5m)				
	680	pcs	Cat6a Patch Cable, Shielded (3m)				
11.	40,800	lms	Cat6a U/FTP Cable for Horizontal Data Cabling (Color Blue)				

Item No.	Qty	Unit	Item Description	Description	Country of Origin	Unit Cost	Total Cost
				(Brand/Make/Model)			
	8,280	lms	Cat6a U/FTP Cable for Horizontal AP Cabling (Color Orange)				
12.	2	sets	Data Cabinet, MDF-42RU				
13.	21	sets	Data Cabinet, IDF - 15RU				
14.	1	lot	Grounding and Bonding				
Labor and Materials for Installation and Commissioning							
TOTAL AMOUNT							

Submitted by:

Authorized Representative
(Signature over printer name)

Designation/Position

TERMS OF REFERENCE

Supply, Delivery, Installation and Testing of Network Infrastructure Cabling for PCMC Main Building

A. PROJECT BACKGROUND:

Proposed Single Line Diagram of Resiliency Fiber Optic Backbone Network and Horizontal Data and Access Point Cabling with Redundancy For Rehabilitation for PCMC Main Building.

1. Introduction:

- The Philippine Children's Medical Center (PCMC) stands as the foremost pediatric institution in the Philippines, offering advanced and highly specialized medical care tailored for children.
- A vital initiative underway at PCMC focuses on the rehabilitation of network connectivity at the Main Building. This crucial project involves linking the Management Information Systems Division (MISD) from the 3rd floor of the main building to the New Data Center on the 3rd floor of the 8-story building. Furthermore, it entails connecting the MISD to the proposed Intermediate Distribution Frames (IDFs) located on the Ground Floor, Second Floor, and Third Floor, utilizing redundant cabling for utmost reliability. This undertaking holds immense significance as we eagerly anticipate the completion of our infrastructure project.

2. Project Scope:

- **Physical Connectivity:** Design and implement physical pathways, such as wireways and conduits, to establish direct connections among the network devices, servers and end-user devices in the PCMC main building, including the data center.
- **Proposed Work plan and Detailed Implementation Schedule for the Project covering the whole period.** Prospective Bidders are required to conduct site inspections. This is to ensure the reliability, security, and efficiency of the required services that the contractor shall perform. The timeframe should be specified for each activity to be done and should include a Gantt Chart Summary.
- The contractor shall be responsible and accountable for the removal and proper disposal of material and waste generated by this project. Debris, surplus materials, equipment, etc. shall be removed daily.

3. Implementation Plan:

- **Quality Control:** Implement quality control measures to ensure proper installation and performance.
- **Testing:** Conduct thorough testing of all cabling and connections to ensure they meet performance standards.



- **Documentation:** Create detailed documentation of the cabling system, including diagrams, test results, and component specifications.
- **Training and Change Management:** Provide training to MISD staff on using the new network infrastructure effectively and implement change management processes to minimize disruption during the transition period.

4. Benefits:

- **High Availability:** Failover network capabilities ensure continuous access to critical network services and data, minimizing downtime and preventing disruptions to patient care.
- **Future Readiness:** The network infrastructure is designed to accommodate future growth and technological advancements, ensuring that PCMC remains at the forefront of pediatric healthcare delivery.

B. APPROVED BUDGET FOR THE CONTRACT (ABC)

The Approved Budget for the Contract is **₱11,000,000.00** (Php) inclusive of VAT and all applicable government taxes.

C. TIMELINE, OUTCOME AND PERFORMANCE STANDARDS

1. The Contractor shall submit Project Management Plan ten (10) calendar days upon receipt of Notice to Proceed for the implementation of the proposed solution that is subject for review and approval of MISD. The project Management Plan Shall include but not be limited to the following:
 - a. Scope of Work
 - b. Project Organization
 - c. Implementation Methodology
 - d. Project Timeline
 - e. Communication and Deployment Strategy
 - f. Capacity Building Program Strategy
2. Supply and delivery of materials shall be completed within fifteen (15) calendar days from the Notice to Proceed. Installation, testing, and commissioning shall be completed within forty-five (45) calendar days from the delivery of materials. The entire project, including supply, delivery, installation, testing, and commissioning, shall be fully completed within **sixty (60) calendar days** from the receipt of the Notice to Proceed.

D. CONTRACTOR'S QUALIFICATION

1. Contractor must have at least ten (10) years of experience in supply, delivery, installation, testing and commissioning of network equipment and structured cabling systems.

2. The contractor must possess its own testing equipment and a fiber optic fusion machine. Proof of ownership and calibration certificate must be provided.
3. These certifications must be provided:
 - a. The contractor must be an authorized reseller of the equipment supported and must possess a certificate issued by the manufacturer/distributor.
 - b. The contractor should be capable of providing local technical services, duly certified by the manufacturer/distributor.
 - c. The contractor must employ at least one (1) Certified Engineer trained and certified in the design and installation of cabling systems. The certification for this engineer must be submitted along with the bid.
4. All bidders shall submit original copy of design proposal, brochures and other publications that support compliance to the requirements.
5. The contractor shall be solely responsible for any property or personal damages or claims, including damage to existing structures, systems, equipment and site caused by the contractor. The contractor shall repair, replace, and restore it to its original condition at no additional cost to PCMC.
6. The contractor must have Philippine Contractors Accreditation Board (PCAB) licenses required by Republic Act 4566 to perform installations.
7. The contractor's skilled workers must have National Certificate II in Electrical Installation and Maintenance. The contractor must ensure that their workforce is not only capable and competent but also safe, compliant, and professional, which ultimately leads to successful project outcomes and sustained business growth.
8. The contractor must include a Safety Officer with a Certificate of Training from DOLE to ensure the structured cabling project adheres to safety standards and regulations.
9. The contractor warrants that all structured cabling materials and components provided under this Agreement shall meet the following green energy compliance requirements:
 - a. Environmental Impact: All materials and components shall comply with the Restriction of Hazardous Substances (RoHS) Directive and other applicable environmental regulations.
 - b. Energy Efficiency: All cables and components shall be designed to minimize signal loss and power consumption.
10. To ensure seamless integration and optimal performance of network devices, the winning contractor must coordinate closely with the PCMC end-user and the Network Device Contractor throughout the entire lifecycle of the Network Rehabilitation. This includes collaboration before, during, and

after the installation, configuration, and testing of network devices. Any cabling-related issues that arise should be promptly addressed by the structured cabling contractor within three days of the reporting date by the Network Device Contractor and/or PCMC End User to minimize disruptions and ensure the timely resolution of network problems

These details will allow the PCMC-Bids and Award Committee to fully evaluate and determine compliance from the prospective bidders.

E. LIST OF DELIVERABLES

1. New 12 core fiber backbone outdoor to 10Gbe Fiber to future 20F from MISD Data Center to 8-Storey, MISD to proposed IDFs, 8-Storey Data Center to proposed IDFs (Redundant).
2. New Horizontal Cat6a shielded Cabling for DATA from the proposed data cabinet to the existing workstation.
3. New Horizontal Cat6a shielded Cabling for APs from the data cabinet to the proposed AP location.
4. Testing and Commissioning of Fiber Optic Backbone cabling, Horizontal Cat6a shielded cabling and Horizontal Cat6a shielded cabling.
5. Documentation
 - a. Cabling Plan for Structured Cabling from the Main building to the Data Center.
 - b. Final Cabling Plan As-Built Plan with Line Diagram.
 - c. Final Network/Structured Cabling Diagram.
6. End to end Tagging and Labeling.

F. BILL OF QUANTITIES

No.	Particulars	QTY	UOM
1	Fiber Optic Module Carrier 3HU		
	A. MDF - Main Bldg.	2	sets
	B. MDF - Redundant	2	sets
2	Fiber Optic Module Carrier 1HU		
	A. IDF - Main	21	sets
	B. IDF - Redundant	21	sets
3	Fiber Optic Module		
	A. MDF - Main	12	pcs
	B. MDF - Redundant	12	pcs
	C. IDF - Main	21	pcs

	D. IDF – Redundant	21	pcs
4	Duplex Adaptor Cord A. MDF - Main B. MDF - Redundant C. IDF - Main D. IDF – Redundant	144 144 144 144	sets sets sets sets
5	Dummy Plates for 3HU/7PU Cabinets A. IDF - Main B. IDF – Redundant	21 21	pcs pcs
6	Fiber Optic Cable (12 core) A. MDF - Main B. MDF - Redundant - MISD Data Center 1(Main Bldg) to New Data Center (8-Storey Bldg.) - MISD Data Center (Main Bldg) to Proposed 21 IDF's at G/F 2/F 3/F - New Data Center (8-Storey Bldg.) to Proposed 21 IDF's at G/F 2/F 3/F	3,150 3,150	lms lms
7	Cat6a Patch Panel, shielded A. Horizontal Data Cabling B. Horizontal AP Cabling	29 21	pcs pcs
8	Cat6a Telecom Outlet, shielded A. Horizontal Data Cabling B. Horizontal AP Cabling	680 276	pcs pcs
9	Faceplate (2 ports)	680	pcs
10	Cat6a Patch Cord, shielded A. 1.5m for Horizontal Data Cabling (Equipment Side) B. 1.5m for Horizontal AP Cabling (Equipment Side) C. 3.0m for Horizontal Data Cabling (Work Area Side)	680 276 680	pcs pcs pcs
11	Cat6a U/FTP Cable A. Horizontal Data Cabling (blue) B. Horizontal AP Cabling (orange)	40,800 8,280	lms lms
12	Data Cabinets A. MDF - 42RU B. IDF - 15RU	2 21	sets sets
13	Labor and Engineering Services A. Project Management, Installation Cost, Testing and Commissioning, Safety	1	lot

Handwritten signature

	B. Roughing-ins (Wireway), Conduiting, and Restoration C. Ground and Bonding D. Labeling and As-built plans E. Pulling and Re-harnessing of Existing Cables and Cabinet to new cabinet		
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G. TECHNICAL SPECIFICATIONS

- Please refer to the Attached Technical Specifications.

H. TRAINING REQUIREMENTS

To equip designated personnel with the knowledge and skills necessary to effectively operate, maintain, and troubleshoot the installed structured cabling system, ensuring its optimal performance and longevity.

Target Audience:

1. MISD staff responsible for network infrastructure.
2. Facilities management personnel involved in cabling maintenance.
3. Any other individuals who may be tasked with managing or troubleshooting the cabling system.

Training Content:

1. Structured Cabling System Overview:

- o Introduction to structured cabling standards and best practices (e.g., ISO/IEC 11801, TIA/EIA-568).
- o System architecture and components (cables, connectors, patch panels, etc.).
- o Cable types and their applications (e.g., Cat6a, fiber optic).
- o Labeling and documentation conventions.

2. System Operation:

- o Proper handling and care of cables and connectors.
- o Best practices for moves, adds, and changes (MACs) to the cabling system.
- o Use of testing equipment for basic troubleshooting.
- o Identifying and addressing common cabling issues (e.g., signal loss, crosstalk).

3. Maintenance Procedures:

- o Regular inspection and cleaning of cabling components.
- o Visual inspection of cables and connectors for damage.
- o Testing procedures to verify system performance.
- o Keeping documentation up to date.

4. Troubleshooting and Repair:

- o Identifying and diagnosing common cabling faults.
- o Basic repair techniques for cables and connectors.

- When to escalate issues to a qualified technician.

5. **Safety:**

- Electrical safety precautions when working with cabling.
- Proper use of tools and equipment.
- Handling and disposal of damaged or obsolete cabling components.

6. Provide tools for network testing and troubleshooting

Training Delivery:

1. A combination of classroom instruction, hands-on exercises, and on-site demonstrations.
2. Training materials should include manuals, diagrams, and reference guides.
3. Assessment to evaluate understanding and skills acquisition.
4. Certification upon successful completion of the training program.
5. The training schedule is mutually agreed upon schedules and arrangements.

Additional Considerations:

1. Training should be conducted by qualified instructors with expertise in structured cabling systems.
2. The training program should be tailored to the specific system installed and the roles and responsibilities of the trainees.
3. Refresher training should be offered periodically to keep skills current and address any changes in the system or standards.

I. WARRANTY

The contractor shall provide the following warranties for the structured cabling system:

Product Warranty:

1. The contractor shall guarantee that all components of the structured cabling system, including cables, connectors, patch panels, and other associated hardware, are free from defects in materials and workmanship.
2. This warranty shall be valid for a period of three (3) years from the date of final acceptance, as provided by the cabling manufacturer.

Workmanship Warranty:

1. The contractor shall guarantee that the installation and workmanship of the entire structured cabling system are free from defects.
2. This warranty shall be valid for a minimum of three (3) years from the date of final acceptance.
3. The contractor shall provide semi-annual preventive maintenance services for the structured cabling system, including:

- a. **Site Visits:** The contractor shall conduct two (2) on-site visits for one (1) year to perform inspections and checkups on the installed structured cabling system.
- b. **Inspection and Checkup:** During each visit, the contractor will:
 - Visually inspect all cable pathways, terminations, and equipment for signs of damage, wear, or misalignment.
 - Verify proper labeling and documentation of the cabling system.
 - Provide a written report summarizing the inspection findings and any recommended corrective actions.

Repairs and Replacements:

1. Within the warranty period, any equipment or component of the structured cabling system that fails to function correctly due to a defect in materials or workmanship shall be repaired or replaced by the contractor at no additional cost to PCMC.
2. If the contractor is unable to repair a defective component within twenty-four (24) hours, it shall be immediately replaced with a service unit of similar or better specifications.
3. The contractor shall maintain an adequate supply of parts to facilitate prompt repairs and replacements throughout the warranty period.

J. OTHER REQUIREMENTS

1. BRAND AND MANUFACTURING

The brand must be European or U.S. Brand to adhere to global competitiveness and must be distributed here in the Philippines via a locally declared company with global standard certification.

2. CABLE PERFORMANCE TESTING

On the note of Performance Testing, the Cable must support network transmission speeding up to 1G/10G/40G/100Gbps.

3. COMPLIANCE

The components are designed and tested to conform to the fiber and cable performance requirements of TIA 568, ISO 11801, Telcordia GR-409-CORE and ICEA-596 Standards. All cables have UL or ETL fire safety listings to either OFNR (UL-1666/CSA FT4) or OFNP (NFPA-262/UL 910/CSA FT6)

4. REFERENCE STANDARD

The design, production, testing, and installation of the horizontal cabling, its subsystems, and applied connecting hardware shall be in compliance with state codes, local codes and the constraints of the standards listed below:

- a. ISO/IEC 11801-1:2017-11
Information Technology – Generic cabling for customer premises – Part 1:
General requirements

- b. ISO/IEC 11801-2:2017-11
Information Technology – Generic cabling for customer premises – Part 2: Office premises
- c. ISO/IEC 11801-5:2017-11
Information Technology – Generic cabling for customer premises – Part 5: Data centers
- d. ISO/IEC 14763-2:2019-12
Information technology – Implementation and operation of customer premises cabling – Part 2: Planning and installation
- e. ISO/IEC 14763-3:2014
Information technology – Implementation and operation of customer premises cabling – Part 3: Testing of optical fiber cabling
- f. IEC 61935-1:2019
Specification for the testing of balanced and coaxial information technology cabling - Part 1: Installed balanced cabling as specified in ISO/IEC 11801-1 and related standards

This specification uses the International Standard (e.g. ISO/IEC 11801) wherever possible to reflect the global nature of this specification and the expected global performance requirements.

K. PENALTY

Liquidated Damages:

1. For each day of delay beyond the agreed-upon delivery date, the contractor 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.
2. The maximum cumulative amount of liquidated damages shall not exceed 10% of the total contract price.

Termination for Default:

1. If the delay exceeds 30 calendar days, PCMC 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 contractor's risk and expense.
2. In such an event, the contractor shall be liable for any additional costs incurred by PCMC due to the termination and re-procurement.

L. INSPECTION, TESTING, ACCEPTANCE, AND PAYMENT

Testing

1. All cables and termination hardware will undergo comprehensive testing to ensure proper installation and verify performance under actual operating conditions.
2. Any defects found in the cabling system, including but not limited to cables, connectors, patch panels, and connector blocks, will be repaired or replaced to guarantee 100% functionality of all installed conductors.

3. Test reports documenting the conducted testing will be submitted.

Acceptance

1. PCMC will issue a certificate of acceptance for each bid item only after the full scope of work is completed and all requirements are met.

Payment

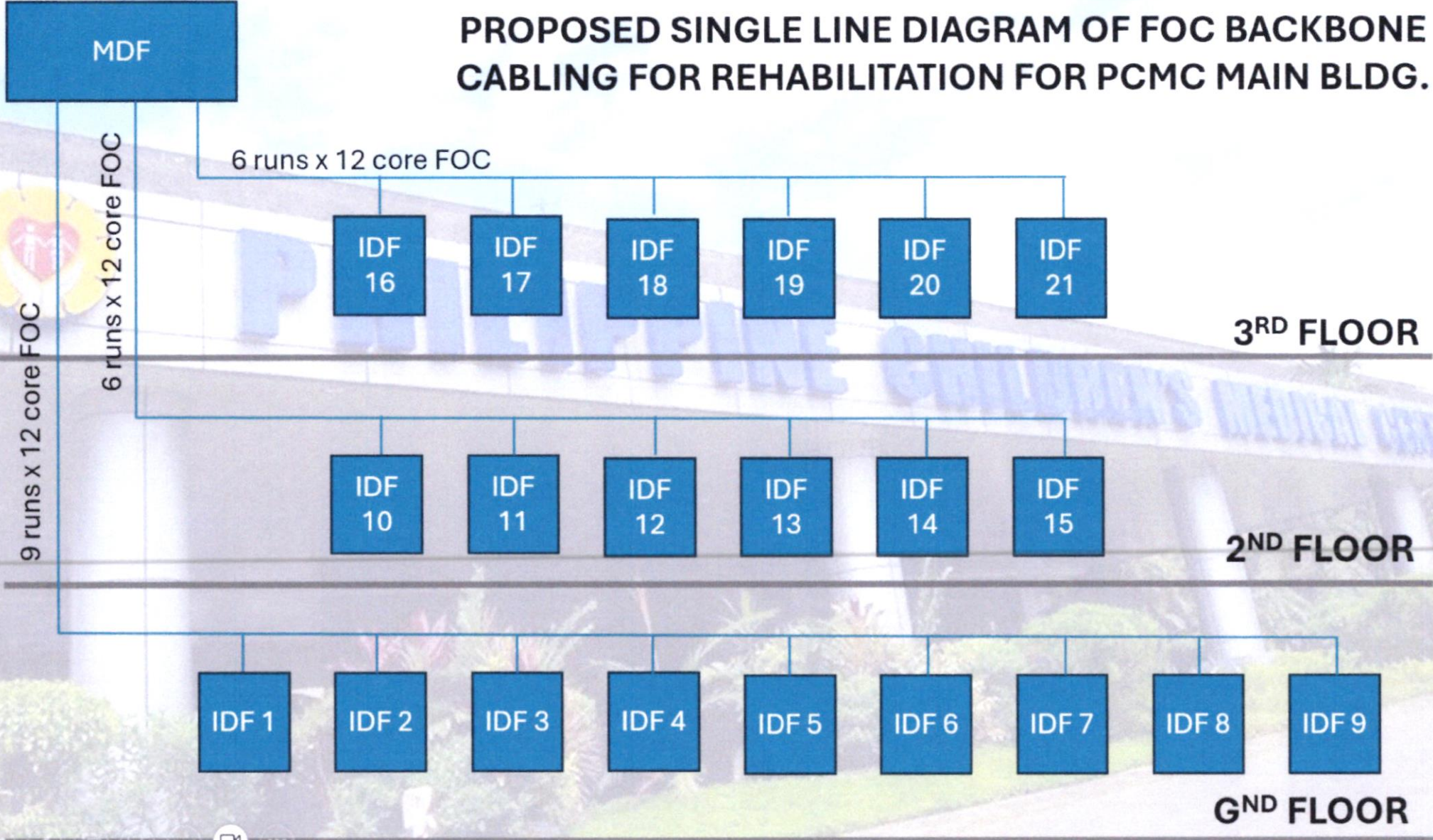
1. Fifteen percent (15%) payment upon delivery of supplies and materials.
2. Sixty-five percent (65%) payment upon installation of IDF in its designated locations from Ground Floor to 3rd Floor and the submission of Final Project Management Plan for the whole duration of the project.
3. Twenty percent (20%) payment upon completion and acceptance of Certificate of Completion of the project and training to MISD technical personnel.

CONFORME:

Authorized Signatory Contact No:
Signature over printed name

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

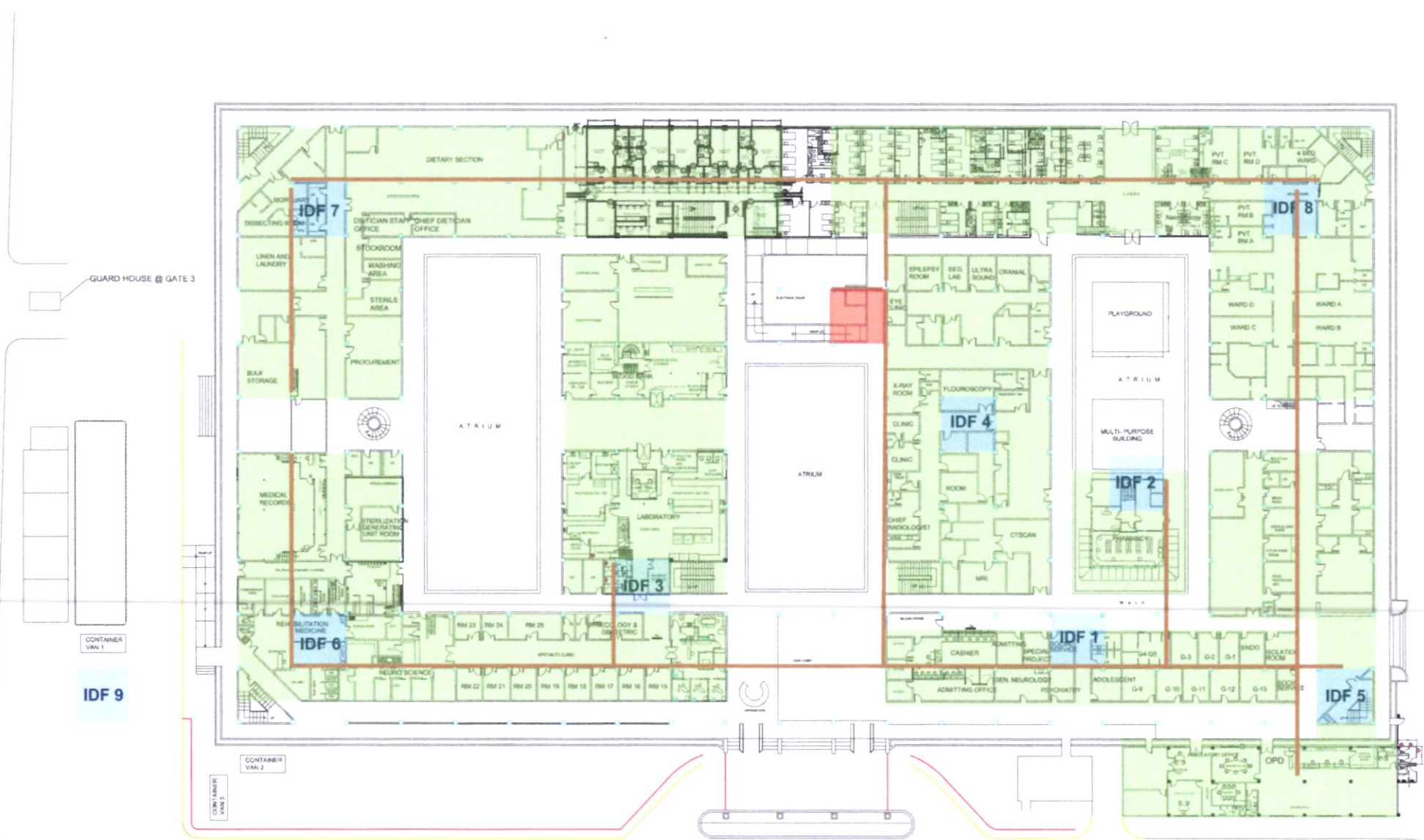
PROPOSED SINGLE LINE DIAGRAM OF FOC BACKBONE CABLING FOR REHABILITATION FOR PCMC MAIN BLDG.



CONFORME:

Authorized Signatory (Signature over printed name)

Name of Company/Firm



GROUND FLOOR PLAN

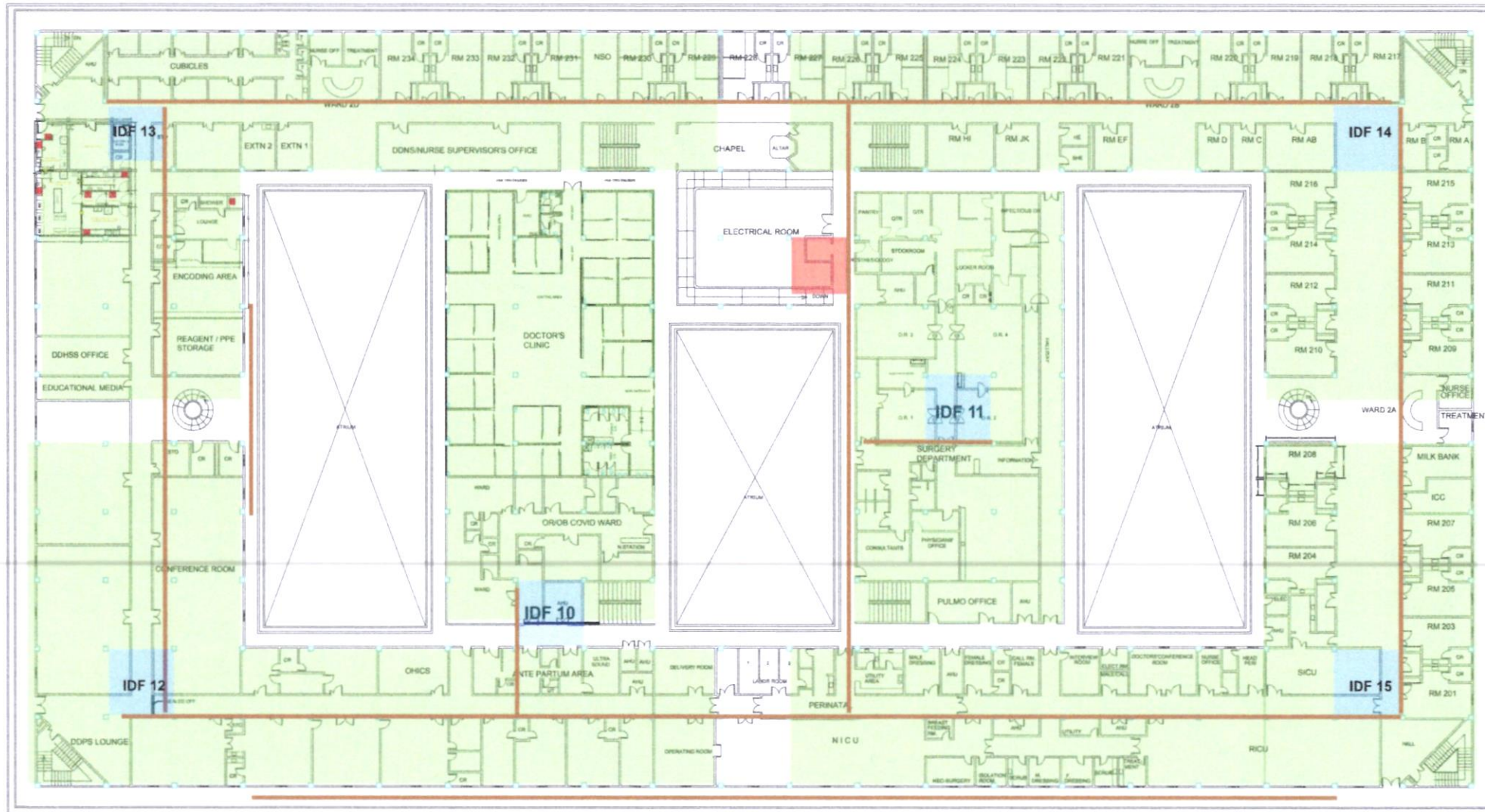
CONFORME:

Authorized Signatory (Signature over printed name)

Name of Company/Firm

GATE 2

GUARD HOUSE @ GATE 1



NOTE: GRID SPACE 7.2 METERS

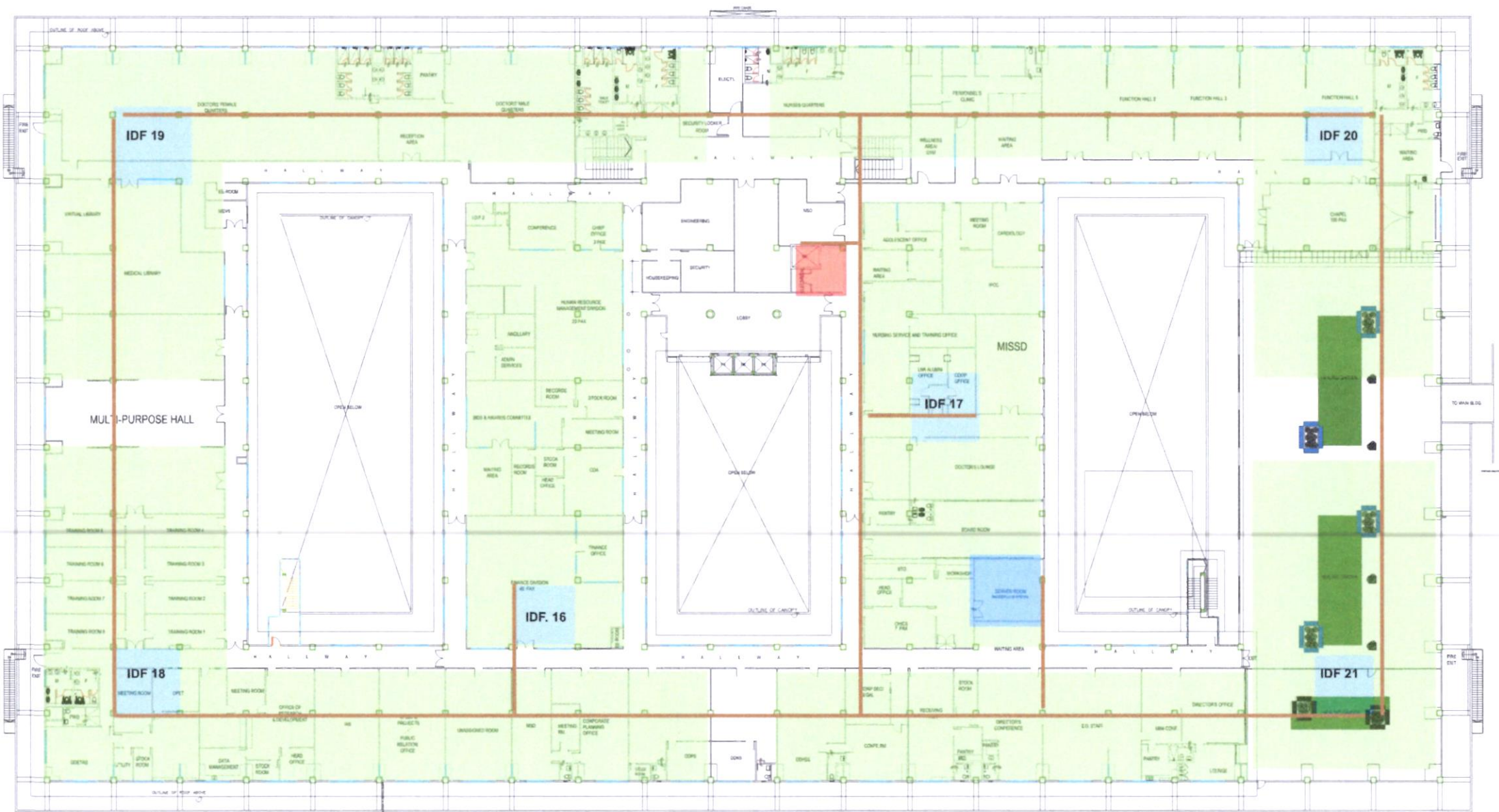
SECOND FLOOR PLAN

CONFORME:

Authorized Signatory (Signature over printed name)

Name of Company/Firm





CONFORME:

THIRD FLOOR PLAN

Authorized Signatory (Signature over printed name)

Name of Company/Firm

