



PHILIPPINE BIDDING DOCUMENTS

Supply, Delivery, Installation and Commissioning of Network Rehabilitation Project of the Department of Tourism

DOT-BAC IB No. 2024-039

**Sixth Edition
July 2020**

Table of Contents

Glossary of Acronyms, Terms, and Abbreviations	3
Section I. Invitation to Bid	6
Section II. Instructions to Bidders	10
1. Scope of Bid	11
2. Funding Information	11
3. Bidding Requirements	11
4. Corrupt, Fraudulent, Collusive, and Coercive Practices	11
5. Eligible Bidders	11
6. Origin of Goods	12
7. Subcontracts	12
8. Pre-Bid Conference	12
9. Clarification and Amendment of Bidding Documents	12
10. Documents comprising the Bid: Eligibility and Technical Components	12
11. Documents comprising the Bid: Financial Component	13
12. Bid Prices	13
13. Bid and Payment Currencies	14
14. Bid Security	14
15. Sealing and Marking of Bids	14
16. Deadline for Submission of Bids	14
17. Opening and Preliminary Examination of Bids	14
18. Domestic Preference	15
19. Detailed Evaluation and Comparison of Bids	15
20. Post-Qualification	15
21. Signing of the Contract	16
Section III. Bid Data Sheet	17
Section IV. General Conditions of Contract	19
1. Scope of Contract	20
2. Advance Payment and Terms of Payment	20
3. Performance Security	20
4. Inspection and Tests	20
5. Warranty	21
6. Liability of the Supplier	21
Section V. Special Conditions of Contract	22
Section VI. Schedule of Requirements	27
Section VII. Technical Specifications	29
Section VIII. Checklist of Technical and Financial Documents	49

Glossary of Acronyms, Terms, and Abbreviations

ABC – Approved Budget for the Contract.

BAC – Bids and Awards Committee.

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

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

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

BIR – Bureau of Internal Revenue.

BSP – Bangko Sentral ng Pilipinas.

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

CDA - Cooperative Development Authority.

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

CIF – Cost Insurance and Freight.

CIP – Carriage and Insurance Paid.

CPI – Consumer Price Index.

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

DTI – Department of Trade and Industry.

EXW – Ex works.

FCA – “Free Carrier” shipping point.

FOB – “Free on Board” shipping point.

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

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

GFI – Government Financial Institution.

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

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

GOP – Government of the Philippines.

GPPB – Government Procurement Policy Board.

INCOTERMS – International Commercial Terms.

Infrastructure Projects – Include the construction, improvement, rehabilitation, demolition, repair, restoration or maintenance of roads and bridges, railways, airports, seaports, communication facilities, civil works components of information technology projects, irrigation, flood control and drainage, water supply, sanitation, sewerage and solid waste management systems, shore protection, energy/power and electrification facilities, national

buildings, school buildings, hospital buildings, and other related construction projects of the government. Also referred to as *civil works or works*. (2016 revised IRR, Section 5[u])

LGUs – Local Government Units.

NFCC – Net Financial Contracting Capacity.

NGA – National Government Agency.

PhilGEPS - Philippine Government Electronic Procurement System.

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

PSA – Philippine Statistics Authority.

SEC – Securities and Exchange Commission.

SLCC – Single Largest Completed Contract.

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

UN – United Nations.

Section I. Invitation to Bid



INVITATION TO BID FOR THE Supply, Delivery, Installation and Commissioning of Network Rehabilitation Project of the Department of Tourism

1. The *Department of Tourism (DOT)* through the *Government Appropriations Act (GAA) for FY 2024* intends to apply the sum of *Sixty-Five Million Nine Hundred Twelve Thousand Five Hundred Thirty-Four Pesos (PhP65,912,534.00)* being the ABC to payments under the contract for the Supply, Delivery, Installation and Commissioning of Network Rehabilitation Project of the Department of Tourism (DOT-BAC IB No. 2024-039). Bids received in excess of the ABC shall be automatically rejected at bid opening.
2. The *DOT* now invites bids for the above Procurement Project. Delivery of the Goods is required within the dates provided in the Schedule of Requirements and Technical Specifications. Bidders should have completed, within *ten (10) years* from the date of submission and receipt of bids, a contract similar to the Project. The description of an eligible bidder is contained in the Bidding Documents, particularly, in Section II (Instructions to Bidders).
3. Bidding will be conducted through open competitive bidding procedures using a non-discretionary “*pass/fail*” criterion as specified in the 2016 revised Implementing Rules and Regulations (IRR) of Republic Act (RA) No. 9184.

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

4. Prospective Bidders may obtain further information from the DOT-Bids and Awards Committee (BAC) Secretariat through the contact details given below and inspect the Bidding Documents as posted on the websites of the DOT and the Philippine Government Electronic Procurement System (PhilGEPS).
5. A complete set of Bidding Documents may be acquired by interested Bidders on *November 25, 2024 to December 13, 2024 (8:00 a.m. to 5:00 p.m.) and December 16, 2024 (up to 9:00 a.m. only)* from the address below **and upon payment of the applicable fee for the Bidding Documents, pursuant to the latest Guidelines issued by the GPPB, in the amount of PhP50,000.00.**

The payment of bidding documents fee shall be made to the DOT Cashier located at the Ground Floor, DOT Bldg., 351 Sen. Gil Puyat Avenue, Makati City.

Or deposited to:

Account Name	Department of Tourism-Regular Trust
Account Number	00-0-05002-407-4
Beneficiary's Bank	Development Bank of the Philippines (DBP)
Bank Branch	F. Zobel Branch
Address	809 J.P Rizal corner F. Zobel St., Makati City, Philippines

(Note: Please send a copy of the proof of payment at the email address mpsingzon@tourism.gov.ph / dot.bac@tourism.gov.ph)

It may also be downloaded free of charge from the website of the Philippine Government Electronic Procurement System (PhilGEPS) and the website of DOT, provided that bidders shall pay the non-refundable fee for the Bidding Documents not later than the submission of their bids.

6. The DOT will hold a Pre-Bid Conference on ***December 2, 2024 (10:0 a.m.)*** at the DOT Bldg., 351 Sen. Gil Puyat Avenue, Makati City which shall be open to prospective bidders.
7. Bids must be duly received by the BAC Secretariat through manual submission at the office address indicated below, on or before ***9:00 A.M. of December 16, 2024***. 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 ***December 16, 2024 (10:00 A.M.)*** at the 4f Conference Room, DOT Bldg., 351 Sen. Gil Puyat Avenue, Makati City. Bids will be opened in the presence of the bidders' representatives who choose to attend the activity.
10. All documents shall be current and updated and any missing document in the checklist is a ground for outright rejection of the bid. Bidder shall submit ***one (1) original and five (5) photocopies*** of the first and second components of its bid in sealed envelope.

To facilitate the evaluation of the bids, bidders are advised to follow the arrangement in the checklist when placed in an Envelope, with documents bounded, tabbed and labeled accordingly.

11. The DOT 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.

12. For further information, please refer to:

Mr. Godofredo R. Maldonado, Jr.
Head, BAC Secretariat
Procurement Management Division
4th Floor DOT Bldg., 351 Sen. Gil Puyat Avenue, Makati City
Email Address: grmaldonado@tourism.gov.ph /dot.bac@tourism.gov.ph
Telephone No. 8459-5200 to 30, local 425
Website Address: www.tourism.gov.ph

13. You may visit the following websites:

For downloading of Bidding Documents: www.philgeps.gov.ph /www.tourism.gov.ph

November 22, 2024

(Original Signed)

USec. FERDINAND C. JUMAPAO
BAC Chairperson

Section II. Instructions to Bidders

1. Scope of Bid

The Procuring Entity, *DOT* wishes to receive Bids for the ***Supply, Delivery, Installation and Commissioning of Network Rehabilitation Project of the Department of Tourism*** with identification number ***DOT-BAC IB No. 2024-039***.

The Procurement Project (referred to herein as “Project”) is composed of **One (1) lot**, the details of which are described in Section VII (Technical Specifications).

2. Funding Information

2.1. The GOP through the source of funding as indicated below for FY 2023 in the amount of ***Sixty-Five Million Nine Hundred Twelve Thousand Five Hundred Thirty-Four Pesos (PhP65,912,534.00)***.

2.2. The source of funding is the ***General Appropriations Act (GAA) FY 2024***

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 “P” of the 2016 revised IRR of RA No. 9184 or other integrity violations in competing for the Project.

5. Eligible Bidders

5.1. Only Bids of Bidders found to be legally, technically, and financially capable will be evaluated.

5.2. Foreign ownership limited to those allowed under the rules may participate in this Project.

- 5.3. Pursuant to Section 23.4.1.3 of the 2016 revised IRR of RA No.9184, the Bidder shall have an SLCC that is at least one (1) contract similar to the Project the value of which, adjusted to current prices using the PSA's CPI, must be at least equivalent to at least fifty percent (50%) of the ABC.
- 5.4. The Bidders shall comply with the eligibility criteria under Section 23.4.1 of the 2016 IRR of RA No. 9184.

6. Origin of Goods

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

7. Subcontracts

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

The Procuring Entity has prescribed that subcontracting is not allowed.

8. Pre-Bid Conference

The Procuring Entity will hold a pre-bid conference for this Project on **December 2, 2024 at 10:00 A.M.** as indicated in paragraph 6 of the **IB**.

9. Clarification and Amendment of Bidding Documents

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

10. Documents comprising the Bid: Eligibility and Technical Components

- 10.1. The first envelope shall contain the eligibility and technical documents of the Bid as specified in **Section VIII (Checklist of Technical and Financial Documents)**.
- 10.2. The Bidder's SLCC as indicated in **ITB** Clause 5.3 should have been completed within **ten (10) 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 the **BDS**.
 - 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 the **BDS**.

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 Philippine Pesos.

14. Bid Security

- 14.1. The Bidder shall submit a Bid Securing Declaration 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 *April 15, 2025*. Any bid not accompanied by an acceptable bid security shall be rejected by the Procuring Entity as non-responsive.

15. Sealing and Marking of Bids

Each Bidder shall submit *one (1) original copy and five (5) photocopies of the first and second components of its Bid*.

The Procuring Entity may request additional hard copies and/or electronic copies of the Bid. However, failure of the Bidders to comply with the said request shall not be a ground for disqualification.

If the Procuring Entity allows the submission of bids through online submission or any other electronic means, the Bidder shall submit an electronic copy of its Bid, which must be digitally signed. An electronic copy that cannot be opened or is corrupted shall be considered non-responsive and, thus, automatically disqualified.

16. Deadline for Submission of Bids

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

17. Opening and Preliminary Examination of Bids

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

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

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

18. Domestic Preference

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

19. Detailed Evaluation and Comparison of Bids

- 19.1. The Procuring Entity's 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 may be. In this case, the Bid Security as required by **ITB** Clause 14 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:

One Project having several items that shall be awarded as one contract.

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

20. Post-Qualification

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

Section III. Bid Data Sheet

Bid Data Sheet

ITB Clause			
5.3	For this purpose, contracts similar to the Project shall be: <ul style="list-style-type: none"> a. Supply and delivery of customized giveaways b. completed within ten (10) years prior to the deadline for the submission and receipt of bids. 		
7.1	Subcontracting is not allowed		
12	Not applicable		
14.1	The bid security shall be in the form of a Bid Securing Declaration, or any of the following forms and amounts: <ul style="list-style-type: none"> a. The amount of P1,338,250.68 equivalent to not less than <i>two percent (2%) of ABC</i>, if bid security is in cash, cashier's/manager's check, bank draft/guarantee or irrevocable letter of credit; b. The amount of 3,295,626.70 equivalent to not less than <i>five percent (5%) of ABC</i>, if bid security is in Surety Bond. 		
19.3	Item	Particulars	ABC
	1	ICT Machinery and Equipment	PhP65,912,534.00
		Network Core Switch x 1	
		Access Switch x 17	
		Controller x 1	
		Access Point x 26	
		Network Security Appliance x 1	
		Network Monitoring Appliance x 1	
		Cloud-based Security	
		Knowledge transfer	
	2	Professional Services (e.g. Structure Cabling, Engr Services, etc..)	
20.1	No further instructions		
21.1	No further instructions		

Section IV. General Conditions of Contract

1. Scope of Contract

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

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

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

2. Advance Payment and Terms of Payment

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

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

3. Performance Security

Within ten (10) calendar days from receipt of the Notice of Award by the Bidder from the Procuring Entity but in no case later than 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 VII (Technical Specifications)** shall specify what inspections and/or tests the Procuring Entity requires, and where they are to be conducted. The Procuring Entity shall notify the Supplier in writing, in a timely manner, of the identity of any representatives retained for these purposes.

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

5. Warranty

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

6. Liability of the Supplier

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

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

Section V. Special Conditions of Contract

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>The delivery terms applicable to this Contract are delivered <i>at the DOT-Central Office, DOT Bldg. 351 Sen. Gil Puyat Avenue, Makati City</i>. Risk and title will pass from the Supplier to the Procuring Entity upon receipt and final acceptance of the Goods at their final destination.”</p> <p>Delivery of the Goods shall be made by the Supplier in accordance with the terms specified in Section VI (Schedule of Requirements).</p> <p>For purposes of this Clause the Procuring Entity’s Representative at the Project Site is:</p> <p>Name of End-user: Mr. Paul Lao Office: OTDPRIM Address: 5th Floor, DOT Bldg., 351 Sen. Gil Puyat Ave., Makati City Telephone No.: 84595200-20, loc. 517</p> <p>Incidental Services –</p> <p>The Supplier is required to provide all of the following services, including additional services, if any, specified in Section VI. Schedule of Requirements:</p> <p><i>Select appropriate requirements and delete the rest.</i></p> <ol style="list-style-type: none"> a. performance or supervision of on-site assembly and/or start-up of the supplied Goods; b. furnishing of tools required for assembly and/or maintenance of the supplied Goods; c. furnishing of a detailed operations and maintenance manual for each appropriate unit of the supplied Goods; d. performance or supervision or maintenance and/or repair of the supplied Goods, for a period of time agreed by the parties, provided that this service shall not relieve the Supplier of any warranty obligations under this Contract; and
	<ol style="list-style-type: none"> e. training of the Procuring Entity’s personnel, at the Supplier’s plant and/or on-site, in assembly, start-up, operation, maintenance, and/or repair of the supplied Goods.

f. *[Specify additional incidental service requirements, as needed.]*

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

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.

1. 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
2. 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 a period of *[indicate here the time period specified. If not used indicate a time period of three times the warranty period]*.

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

Packaging –

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

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

	<p>Where the Supplier is required under Contract to deliver the Goods CIF, CIP or DDP, Goods are to be transported on carriers of Philippine registry. In the event that no carrier of Philippine registry is available, Goods may be shipped by a carrier which is not of Philippine registry provided that the Supplier obtains and presents to the Procuring Entity certification to this effect from the nearest Philippine consulate to the port of dispatch. In the event that carriers of Philippine registry are available but their schedule delays the Supplier in its performance of this Contract the period from when the Goods were first ready for shipment and the actual date of shipment the period of delay will be considered force majeure.</p> <p>The Procuring Entity accepts no liability for the damage of Goods during transit other than those prescribed by INCOTERMS for DDP deliveries. In the case of Goods supplied from within the Philippines or supplied by domestic 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	50% Payment upon PO and delivery of items 50% Upon project completion
4	The deliverables shall be subject to the inspection and acceptance of the project officer.

Section VI. Schedule of Requirements

Schedule of Requirements

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

Item Number	Description	Quantity	Total	Delivered, Weeks/Months
1	ICT Machinery and Equipment	1 lot	1 lot	Delivery: 45 calendar days from receipt of the Notice to Proceed Installation: 60 calendar days
	Network Core Switch x 1			
	Access Switch x 17			
	Controller x 1			
	Access Point x 26			
	Network Security Appliance x 1			
	Network Monitoring Appliance x 1			
	Cloud-based Security			
	Knowledge transfer			
2	Professional Services (e.g. Structure Cabling, Engr Services, etc..)	1 lot	1 lot	

Delivery is at the DOT-Central Office, 351 Sen. Gil Puyat Avenue, Makati City

*More detailed service requirements and technical specifications are found under **Section VII. Technical Specifications.** *

Conforme:

Name of Bidder's/Representative

Signature/Date

Section VII. Technical Specifications

Technical Specifications

DESCRIPTION	Statement of Compliance ¹
SUPPLY, DELIVERY, INSTALLATION AND COMMISSIONING OF NETWORK REHABILITATION PROJECT OF THE DEPARTMENT OF TOURISM	
<p>Scope of the Services</p> <p>I. The IT Supplier shall provide and comply to the following:</p> <p>1. Shall deliver the following ICT equipment:</p> <ul style="list-style-type: none"> • 1 Lot of Network Switches. • 25 Units of Access Point upgrades with bracket and configuration. • Network Monitoring Software • Network Traffic Analyzer • 2 Units Rack Servers • 2 Units Blade Servers • Active Directory Domain Services • Structured Cabling Rehabilitation and Fiber Optic upgrade. • 500 Licenses of Cloud Vulnerability Management detection and response • 500 Licenses of Patch Management Services • 6 Office Partition w/ magnetic sealed door and Biometric system <p>2. Delivery service shall be free of charge; Delivery at DOT main office, 351 Sen Gil Puyat Ave Makati City.</p> <p>3. The IT supplier claiming, providing and submitting false information during procurement process shall be immediately disqualify from the bidding. This is for the Department and committee protection from dishonest supplier purposely providing ICT equipment that are but not limited to overpricing, non-compliance ICT equipment, toy like ICT equipment, etc.</p>	

¹ Bidders must state here either "Comply" or "Not Comply" against each of the individual parameters of each Specification stating the corresponding performance parameter of the equipment offered. Statements of "Comply" or "Not Comply" must be supported by evidence in a Bidders Bid and cross-referenced to that evidence. Evidence shall be in the form of manufacturer's un-amended sales literature, unconditional statements of specification and compliance issued by the manufacturer, samples, independent test data etc., as appropriate. A statement that is not supported by evidence or is subsequently found to be contradicted by the evidence presented will render the Bid under evaluation liable for rejection. A statement either in the Bidder's statement of compliance or the supporting evidence that is found to be false either during Bid evaluation, post-qualification or the execution of the Contract may be regarded as fraudulent and render the Bidder or supplier liable for prosecution subject to the applicable laws and issuances.

4. **Network Infrastructure Backbone Scope of Work**

- Installation of Roughing ins
- Installation Rack per IDF
- FOC cable pulling
- Installation of ODF/IDF
- Termination of FOC connectors
- FOC continuity testing
- Installation of patch panels and cable manager per IDF
- UTP cable pulling
- Termination and testing of patch cables
- Cable testing
- Patching of cables to distribution switches
- Submission of documents
- User Acceptance Test

5. **Network Infrastructure Scope of Work**

- Mounting of Core switch to data center rack
- Mounting of Distribution switches on the assigned IDF rack
- Power up and configuration of Core network witch
- Power up and configuration of Distribution switch
- Termination and testing patch cables
- Patching of UTP cables from patch panel to distribution switch per IDF
- Knowledge Transfer
- Submission of documents
- User Acceptance Test

II. IT Supplier Requirement:

1. Must submit certification of authorized partner.
2. Must provide at least two (2) central toll-free hotline number and e-mail address of the brand being offered.
3. On - site support shall be provided by the manufacturer on the Next Business Day after final remote diagnosis for delivered items within Metro Manila and 3 days outside Metro Manila
4. On - site support engineers and technicians should carry a valid ID.
5. Unit model must be current and not in “end of Life” as reflected in the current product line found in the manufacturer’s official website and brochure. A manufacturer’s certificate for this purpose is required.
6. Certification from the brand and product manufacturer that the brand and product parts being offer will be available and serviceable for at least five (5) years after delivery and acceptance.
7. All components must conform to international standards and should be factory installed with corresponding part numbers and verifiable via web.

8. The manufacturer brand must have at least two parts depots within the country to ensure a sufficient number of spare parts.
9. The supplier must transfer the all network equipment and cabling when the Department transfer to new building.

III. Technical Specification

A. Network Core Switch 1

ID	Requirement	Description
1.	Web graphical user interface (GUI)	The switch must have easy- to-use graphical interface allows configuration of the switch from any web browser.
2.	Command-line interface (CLI)	The switch must have robust command-line interface provides advanced configuration and diagnostics.
3.	Rest API Interface	The switch must have built-in programmable and easy-to- use REST API interface
4.	Support for Integration for Automation Software	The switch must have an option to integrated automation software that allows for rapid network-wide changes that ensures policy conformance post network updates. Intelligent capabilities include search, edit, validation (including conformance checking), deployment and audit features.
5.	IEEE 802.1AB Link Layer Discovery Protocol (LLDP)	The switch must have automated device discovery protocol for easy mapping by network management applications.
6.	Embedded Network Analytics	Automatically monitors and analyzes events that can impact network health. Advanced telemetry and automation provide the ability to easily identify and troubleshoot network, system, application and security related issues easily, through the use of Python agents, CLI based agents, and REST APIs
7.	Dual Flash Images	The switch must provide independent primary and secondary operating system files for backup while upgrading
8.	IEEE 802.1v protocol VLANs	The switch must isolate select non-IPv4 protocols automatically into their own VLANs
9.	Hybrid Management features	Hardware is capable to be managed or configured through the cloud or on premise
10.	VLAN	VLAN support and tagging support IEEE 802.1Q (4094 VLAN IDs) and 2K VLANS simultaneously.
11.	Dynamic IP Capabilities	The switch is capable block traffic from unauthorized hosts, preventing IP source address spoofing.
12.	Storm Protection	The switch must have protection against broadcast, multicast and unknown unicast storms with user-defined thresholds.

13	IEEE 802.1s Multiple Spanning Tree Protocol (MSTP)	The switch provides high link availability in multiple VLAN environments by allowing multiple spanning trees.	
14	Virtual Switch Stacking	The switch supports capability to connect to another switch via virtual switch stack forming a shared management, routing, control plane. Maximum of 8 device in same virtual switch domain.	
15	Port Density	48x ports 10/100/1000BASE-T Ports 4x 1G/10G SFP ports Supports PoE Standards IEEE 802.3af, 802.3at 1x USB-C Console Port 1x USB Type-A Host port	
16	Generic Transceiver	Unsupported transceiver mode allows to insert and enable all unsupported 1G and 10G transceivers and cables. Note that there is no warranty nor support for the transceiver/cable	
17	Throughput and Fabric	The switch must have up to 98.6 million pops and 176 Gb/s switch capacity	
18	Average Latency	1 Gbps: 1.9µSec, 10 Gbps: 1.8µSec	
19	Processor	Dual Core ARM Cortex A9 @ 1.016 GHz 4 GB DDR3 16 GB eMMC 1 MB Packet Buffer Memory	
20	Limited Lifetime Warranty	The switch must have limited lifetime warranty that covers fans and power supplies.	
21	Gartner Credited	The brand offered must have been credited as a leader and farthest in vision for Wired and Wireless Gartner Magic Quadrant.	
22	Brand/Standard	The technology or brand must either be American or European for a more Global Standard compliance.	
23	Local Support	The brand must have local 2nd level support via its distributor that is compliant with global standard like ISO or Duns and Bradstreet to maintain a quality-of-service delivery. Partnership proof with the distributor must be presented as supporting document.	
24	Knowledge Transfer	The bidder must provide classroom type training for the proposed product (none - certification).	
25	Must be the same brand offer for the Access Points and Controller due to compatibility issue on operating system, configuration, and programming coding		
B. Network Switch 2			
1.	Web graphical user interface (GUI)	The switch must have easy- to-use graphical interface allows configuration of the switch from any web browser.	
2.	Command-line interface (CLI)	The switch must have robust command-line interface provides advanced configuration and diagnostics.	

3.	Rest API Interface	The switch must have built-in programmable and easy-to- use REST API interface		
4.	Support for Integration for Automation Software	The switch must have an option to integrated automation software that allows for rapid network-wide changes that ensures policy conformance post network updates. Intelligent capabilities include search, edit, validation (including conformance checking), deployment and audit features.		
5.	IEEE 802.1AB Link Layer Discovery Protocol (LLDP)	The switch must have automated device discovery protocol for easy mapping by network management applications.		
6.	Embedded Network Analytics	Automatically monitors and analyzes events that can impact network health. Advanced telemetry and automation provide the ability to easily identify and troubleshoot network, system, application and security related issues easily, through the use of Python agents, CLI based agents, and REST APIs		
7.	Dual Flash Images	The switch must provide independent primary and secondary operating system files for backup while upgrading		
8.	IEEE 802.1v protocol VLANs	The switch must isolate select non-IPv4 protocols automatically into their own VLANs		
9.	Hybrid Management features	Hardware is capable to be managed or configured through the cloud or on premise		
10.	VLAN	VLAN support and tagging support IEEE 802.1Q (4094 VLAN IDs) and 2K VLANS simultaneously.		
11.	Dynamic IP Capabilities	The switch is capable block traffic from unauthorized hosts, preventing IP source address spoofing.		
12.	Storm Protection	The switch must have protection against broadcast, multicast and unknown unicast storms with user- defined thresholds.		
13.	IEEE 802.1s Multiple Spanning Tree Protocol (MSTP)	The switch provides high link availability in multiple VLAN environments by allowing multiple spanning trees.		
14.	Virtual Switch Stacking	The switch supports capability to connect to another switch via virtual switch stack forming a shared management, routing, control plane. Maximum of 8 device in same virtual switch domain.		

15.	Port Density	48x ports 10/100/1000BASE-T Ports 4x 1G/10G SFP ports 1x USB-C Console Port 1x USB Type-A Host port		
16.	Generic Transceiver	Unsupported transceiver mode allows to insert and enable all unsupported 1G and 10G transceivers and cables. Note that there is no warranty nor support for the transceiver/cable		
17.	Throughput and Fabric	The switch must have up to 98.6 million pops and 176 Gb/s switch capacity		
18.	Average Latency	1 Gbps: 1.9µSec, 10 Gbps: 2.6µSec		
19.	Processor	Dual Core ARM Cortex A9 @ 1.016 GHz 4 GB DDR3 16 GB eMMC 1 MB Packet Buffer Memory		
20.	Limited Lifetime Warranty	The switch must have limited lifetime warranty that covers fans and power supplies.		
21.	Gartner Credited	The brand offered must have been credited as a leader and farthest in vision for Wired and Wireless Gartner Magic Quadrant.		
22.	Brand/Standard	The technology or brand must either be American or European for a more Global Standard compliance.		
23.	Local Support	The brand must have local 2nd level support via its distributor that is compliant with global standard like ISO or Duns and Bradstreet to maintain a quality-of-service delivery. Partnership proof with the distributor must be presented as supporting document.		
24.	Knowledge Transfer	The bidder must provide knowledge transfer for the proposed product (none - certification).		
25.	Must be the same brand offer for the Access Points and Controller due to compatibility issue on operating system, configuration, and programming coding.			
C. Access Point				
Ports		Min (1) 10/100/1000BASE-T		
Mounting		Included		
Power Consumption		POE powered (802.3at): 11.0W / 16.5W. POE powered (802.3af): 11.0W / 13.5W. DC powered: 8.9W / 14.2W. Maximum (worst-case) power consumption (without / with a USB device attached)		
Input voltage		IEEE 802.3af or 802.3at PoE, or direct DC power (via optional power supply)		
Warranty		3 Years parts and Services		

Must be same brand offer for the Network Switches			
D. Controller			
Maximum APs (licenses)		256	
Maximum RAPs		256	
Maximum concurrent devices		8,192	
VLANs		2,048	
Concurrent IPsec sessions		4,096	
Concurrent GRE Tunnels		8,192	
Concurrent Tunneled Ports (Concurrent sessions)		4,096 1,000,000	
Warranty		3 Years parts and Services	
E. Network Monitoring Software			
Core Monitoring Capabilities			
Item No.	Description		
1	The proposed monitoring solution should be able to monitor: (a) Routers (b) Switches (c) Firewalls (d) Wireless devices © Servers © Other SNMP-enabled devices		
2	Should automatically provide real-time, in-depth network performance statistics after discovery/configuration of devices, including, but not limited to, (a) CPU load (b) Memory utilization (c) Interface utilization (d) Packet loss		
3	Should be able to discover and troubleshoot network paths hop-by-hop for both on-premises and cloud environments for specific TCP connections		
4	Should display device status and interface status by different colors to represent warning and critical status		
5	Should monitor hardware health for popular vendors like Cisco®, DELL®, F5®, Juniper®, HP®, etc., and should allow alerting and reporting on hardware health monitoring		
6	Should show both real-time details and historical details in form of charts with option to choose the time periods		
7	Should be able to discover and monitor both Ipv4 and Ipv6 devices		
8	The proposed monitoring solution should be able to discover devices in the network with SNMP and ICMP capabilities automatically, on input of: (a) IP address ranges (b) Subnets (c) Individual IP addresses (d) Active Directory®		
9	Should not add devices with multiple IP addresses as duplicate nodes but should list all known IP addresses for the node		
10	Should have option to automate and schedule discovery process		
11	Should prompt in web console on discovery of new devices in network		
12	Capable to Manage Up to 2000 Elements		
Network Traffic Analyzer			

1	The proposed monitoring solution should be able to monitor network traffic by capturing flow data from network devices, including Cisco NetFlow v5 or v9, Juniper J-Flow, IPFIX, sFlow, NetStream data, sampled NetFlow data, and Cisco ASA® NetFlow
2	Should identify which users, applications, and protocols are consuming the most bandwidth
3	Should highlight the IP addresses of the top bandwidth consumers on the network and find out unwanted bandwidth usage
4	Should be able to associate traffic coming from different sources to application names
5	Should be able to receive flows from non-SNMP-enabled devices, like VMware® vSwitch
6	Should monitor Class-Based Quality of Service (CBQoS) with nested policies to find out if traffic prioritization policies are effective and if business-critical applications have network traffic priority
7	Should also support Cisco NBAR2 classification
8	Should show both recent and historical details in form of charts with option to choose the time periods
9	The proposed monitoring solution should be able to automatically add flow sources already being monitored for performance
10	Should notify the flows coming in from unmanaged devices and/or unmanaged interfaces and allow to add them for monitoring with minimum effort

F. Active Directory

Server Client Access License	At least 650
Application Server 1	
Processor	Equivalent to 3.4GHz, 8M Cache, 4C/8T, Turbo (65W), 3200 MT/s or higher
Chassis	Must have 3.5" Chassis with up to x4 Hot Plug Hard Drives with Backplane
Memory	At least 32GB - 2RX8 DDR4 UDIMM 3200MHz ECC
Drives	At least 600GB Hard Drive SAS ISE 12Gbps 10k 512n 2.5in with 3.5in HYB CARR Hot-Plug
RAID	At least Low Profile
Embedded NIC (LOM)	Yes
Expansion Slots	Must have PCIe Riser with Fan with 1 x16 and 1 x8 Slots
OS	Must have Windows Server 2022, Standard, 16CORE
	Windows Server 2022/2019 User CALs (STD or DC), KIT
Form Factor	At least 1U Rack
Rail kit	YES
Warranty	3 year Support with 4 hours Service Level Agreement (SLA) and Next Business Day (NBD) (Note: Must be the same Brand w/

	Blade Server due to compatibility issue on operating system, configuration, and programming coding)		
Database Server 2			
Processor	Equivalent to 2.1G, 12CORE, 10.4GT/s, 18M Cache, Turbo, HT (120W) DDR4-2666 or higher		
Chassis	At least 8x2.5" (SAS/SATA) 1 CPU		
Fans	Must have Standard Fan x5		
Memory	At least 32GB RDIMM, 3200MT/s, Dual Rank		
Drives	At least 600GB Hard Drive SAS 12Gbps 10k 512n 2.5in Hot-Plug		
RAID	Must have Raid controller capable of Raid 0,1,5,6,10,50,60 with 8GB 2666 MT/s cache		
Embedded NIC (LOM)	At least 2x 1GbE LOM		
Internal Mgmt	Enterprise level Must have the capability to provide comprehensive integral management for automation and security that allows the organization to integrate remote access control in managing servers.		
Optical Drive	USB, EXTERNAL		
Power Supply	Mixed Mode		
Form Factor	At least 1U Rack		
Rail kit	YES		
Warranty	3 year Support with 4 hours Service Level Agreement (SLA) and Next Business Day (NBD) (Note: Must be the same Brand w/ Blade Server due to compatibility issue on operating system, configuration, and programming coding))		
OS	SQL Server User Cal		

DNS Server			
Processor	Equivalent to 3.4GHz, 8M Cache, 4C/8T, Turbo (65W), 3200 MT/s or higher		
Chassis	At least 3.5" Chassis with up to x4 Hot Plug Hard Drives with Backplane		
Memory	At least 16 GB UDIMM, 3200MT/s,		
Drives	At least 600GB Hard Drive SAS ISE 12Gbps 10k 512n 2.5in with 3.5in HYB CARR Hot-Plug		
RAID	Must have Raid controller capable of Raid 0,1,5,6,10,50,60 with 8GB 2666 MT/s cache		
Embedded NIC (LOM)	At least Dual Port 1Gb On-Board		
Expansion Slots	At least PCIe Riser with Fan with 1 x16 and 1 x8 Slots		
Internal Mgnt	Enterprise level Must have the capability to provide comprehensive integral management for automation and security that allows the organization to integrate remote access control in managing servers.		
Optical Drive	DVD +/-RW, SATA, Internal for Hot Plug Chassis		
Power Supply	Single, Cabled Power Supply, 450W Bronze		
Form Factor	1U Rack		
Rail kit	1U/2U Static Rails for 2-Post and 4-Post Racks		
Warranty	3 year Support with 4 hours Service Level Agreement (SLA) and Next Business Day (NBD) (Note: Must be the same Brand w/ Blade Server due to compatibility issue on operating system, configuration, and programming coding)		
Monitor	22 Inches same brand		
DHCP Server			
Processor	Equivalent to 2.1G, 12C/24T, 10.4GT/s, 18M Cache, Turbo, HT (120W) DDR4-2666 or higher		
Chassis	At least 8x2.5" (SAS/SATA) 1 CPU		
Memory	At least 16GB RDIMM, 3200MT/s, Dual Rank		
Fan	Standard Fan x5		
Drives	At least 1.2TB Hard Drive ISE SAS 12Gbps 10k 512n 2.5in Hot-Plug		
RAID	Must have Raid controller capable of Raid 0,1,5,6,10,50,60 with 8GB 2666 MT/s cache		
Embedded NIC (LOM)	At least Dual Port 1Gb On-Board		
OS	Must have Win Server 2022 Datacenter- 16 Core		
OCP 3.0	No OCP 3.0 mezzanine NIC card, Blank Filler Only		
Expansion Slots	Riser Config 0, 1xOCP 3.0(x16)+ 1x16LP		
Internal Mgnt	Enterprise level Must have the capability to provide comprehensive integral management for automation and security that allows the organization to integrate remote access control in managing servers.		
Power Supply	Dual, Hot-plug, Power Supply Redundant (1+1), 800W, Mixed Mode, NAF		

Form Factor	1U Rack		
Rail kit	A11 drop-in/stab-in Combo Rails Without Cable Management Arm		
Warranty	3 year Support with 4 hours Service Level Agreement (SLA) and Next Business Day (NBD) (Note: Must be the same Brand w/ Blade Server due to compatibility issue on operating system, configuration, and programming coding)		
Monitor	22 Inches same brand		
NAS Storage Server			
CPU Quantity	1		
CPU Architecture	64-bit		
System Memory	8 GB DDR4 ECC SODIMM		
Memory Module Pre-installed	8 GB (8 GB x 1)		
Total Memory Slots	2		
Maximum Memory Capacity	32 GB (16 GB x 2)		
Drive Bays	5		
Maximum Drive Bays with Expansion Unit	15 (DX517 x 2)		
RJ-45 1GbE LAN Port	4 (with Link Aggregation / Failover support)		
USB 3.2 Gen 1 Port*	2		
eSATA Port	2		
PCIe Expansion	1 x Gen3 x2 network upgrade slot		
Fan Speed Mode	Full-Speed Mode Cool Mode Quiet Mode		
RoHS Compliant	Yes		
Packaging Content	Main Unit X 1 Accessory Pack X 1 AC Power Adapter X 1 AC Power Cord X 1 RJ-45 LAN Cable X 2 Quick Installation Guide X 1		
Inclusion:	20TB Interface ;SATA 6Gb		
G. Structured Cabling			
General Requirements			
Mobilization & Demobilization		1 Lot	
Temporary Field Office		1 Lot	
Engineers & Staff		1 Lot	
Health & Safety Measures		1 Lot	
Bonds & Insurances (Performance bond, CARI, Retention & CGLI)		1 Lot	
Permits		1 Lot	
Engineering Expense & Drawings (As built Plans)		1 Lot	
Structured Cabling Works 1Lot – (Site Survey)			
Supply and installation of Fiber Inter-rack Cabling – (Site Survey)			
Supply and installation of NEW Structured Cabling System -- (Site Survey)			

Supply and installation of NEW Roughing Ins -- (Site Survey)			
H. Cloud Vulnerability Management Detection and Response			
Management:			
1.1.1	Capable to Automate vulnerability scanning and continuous monitoring.		
1.1.2	Capable to Detect, assess and prioritize vulnerabilities		
1.1.3	Capable to Automate patching for Windows, Mac, Linux and 3rd party applications.		
1.1.3	Capable to Manage security configurations of network endpoints.		
1.1.4	Capable to Eliminate unauthorized software.		
1.1.5	Capable to Harden internet facing web servers		
	<i>Assessment Features</i>		
1.1.6	Capable to Get insights on vulnerability trend in your network to track your security posture.		
1.1.7	Capable to Obtain reports on system health status as well as system vulnerability.		
1.1.8	Capable to Get a real-time list of top 20 highly critical vulnerabilities in your network.		
1.1.9	Capable to Identify and assess zero-day vulnerabilities like Wannacry, Petya, meltdown and spectre, etc.		
1.1.10	Capable to Keep abreast of emerging vulnerabilities with continuous monitoring and automated scanning.		
1.1.11	Capable to Assess and prioritize vulnerabilities based on exploitability, severity, age, affected system count, as well as the availability of the fix.		
	<i>Web Hardening Capabilities</i>		
1.1.12	Ensure SSL certificates are configured and HTTPS is enabled to secure the communication between the client and server		
1.1.13	Continuously monitor your web servers for default and insecure configurations.		
1.1.14	Analyse web server misconfigurations based on its context and gain remediation details as well.		
1.1.15	Restrict server root directory permissions to prevent unauthorized access.		
	<i>Security Management Features</i>		

1.1.16	Ensure password policies, lockout/logon policies and authentication settings are configured to secure levels.		
1.1.17	Manage share permissions, revoke unintended user rights, disable legacy protocols to reduce attack surface.		
1.1.18	Make sure OS security settings are configured appropriately.		
1.1.19	Safely alter security configurations without interrupting business operations with post deployment warnings		
1.1.20	Audit antivirus, firewall and bitlocker status to prevent unauthorized and unintended actions		
	Audit features		
1.1.21	Get details on the expiry date and the number of days before software in your network becomes the end of life.		
1.1.22	Obtain real-time information on peer to peer softwares and remote sharing tools that are deemed unsafe and eliminate these software from the console with just a click of a button.		
1.1.23	Monitor your network endpoints continuously and detect end-of-life software that doesn't receive security updates from the vendor		
	Patching Features		
1.1.24	Automate patching to Windows, Mac, Linux and over 250+ 3rd party applications.		
1.1.25	Test and approve patches before rolling out to production machines		
1.1.26	Customizable deployment policies for hassle-free deployment		
1.1.27	Decline patches to specific groups.		
	Supported: Windows 7 / 8 / 8.1 / 10 / Servers 2003 / 2003 R2 / 2008 / 2008 R2 / 2012 / 2012 R2 / 2016 Agents: Win / MAC / Linux		
I. Cloud Patch Management			
3.1.1	Quantity: 500 Licenses		
3.1.2	The solution must have a useful life of 12 year		
3.1.3	Solution must be cloud-based natively.		
3.1.4	Solution must be integrated with proposed VM solution to cover end-to-end processes		
3.1.5	Solution must be able to include on-premises and roaming assets (i.e. assets that do not reside in local network) for patching.		
3.1.6	Ability to correlate vulnerability data with associated patches.		
3.1.7	Ability to perform O/S patching for Windows, Red Hat, CentOS, Debian, Mac		
3.1.8	Ability to perform 3rd-party patching for applications, such as Google Chrome, Adobe Reader.		
3.1.9	Ability to execute pre- and post-script action for added patch control.		

3.1.10	Ability to suppress reboot after patch installation.		
3.1.11	Ability to prompt for user confirmation prior to patch deployment.		
3.1.12	Ability to automate patches for low-impact applications (e.g. Internet Browsers).		
3.1.13	Ability to show historic report for applications that has vulnerabilities associated.		
3.1.14	Ability to fix vulnerabilities before they are detected to proactively patch assets		
3.1.15	Ability to prioritize patching based on empirical data detected in customer's environment over the last 2 years		
3.1.16	Ability to locate who is responsible for which vulnerabilities and patching of it		
3.1.17	Ability to understand the patch state of an asset and replicate the exact patches deployed in UAT environment to production environment		
3.1.18	Ability to download directly from vendor's CDN when endpoint is roaming and cache the patches when connected to internal network to conserve bandwidth		
3.1.19	Ability to download the required patches before a scheduled job run begins to optimize the patching maintenance window		
3.1.20	Ability to set a recurring job to ensure patches are installed automatically +7 days after Patch Tuesday		
3.1.21	Ability to deploy patches that are not listed in the patch catalog		
3.1.22	Patch assessment should be done frequently -- at least 4 hours for up-to-date patch status visibility		
3.1.23	Ability to automate patching based on vulnerabilities severity and associated threat risks (e.g., ransomware related vulnerabilities, zero-day vulnerabilities, etc.)		
3.1.24	Solution must allow users to shorten the time to remediate from vulnerability discovery to remediation		
3.1.25	Patch solution must be intuitive and easy for IT to learn. It should require only a short learning period for any patch manager to operationalize it.		
3.1.26	Ability to automate patch jobs once there is a new update available		
3.1.27	Ability to search for patches related to CVEs		
3.1.28	Solution must utilize the same agent deployed for VM		
3.1.29	Patch identification should be able to be performed without user intervention for automation.		
3.1.30	Ability to include a subset of assets for patch management		
3.1.31	Ability to translate Microsoft Patch Tuesday into patch jobs		
3.1.32	Ability to roll back patches for testing purposes		
<u>PROJECT WARRANTY AND SUPPORT:</u>			
A. Three (3) Years on Parts and Services for the Hardware and software.			
B. One (1) Year for Structure Cabling and Civil Works.			
C. 3 Levels of Support and Services Certificate			
D. With After Sales Support Certificate from the Supplier			

REQUIREMENT COMPLIANCE

❖ Fiber and Copper Network Structured Cabling

Plans and BluePrint

1. Submission of Proposed Detailed Plan/Design and Specifications for Fiber Optic Backbone Cabling and Structured Cabling for Data.
2. Submission of Project Management Plan
3. Provision of Technical documentation
4. Supply of labor, delivery and installation of various fiber, cables and components.
5. Submission of the Bill of Materials for the project.

Scope of Work

6. Provision of the in-house wiring and tagging.
7. Supply, delivery and installation of information outlet.
8. End to end Tagging and Labelling
9. Conduct Testing and Commissioning

❖ Pantry Data Cabinet Upgrading

Plans and BluePrint

1. Provision of Technical documentation
2. Submission of the Bill of Materials for the project.
3. Provisions of appropriate site specifications for the supplied materials.

Scope of Work

1. Supply, delivery, installation, set-up and commissioning of Enclosure of Data Cabinet in Pantry Areas.
2. Required Cables tray and other materials/accessories
3. Components which include but not limited to the following:
 - a. Transfer Switch
 - b. Power Outlets
 - c. Conduits
 - d. Power Outlets for Server/ Computers, Air Conditioner, Door Access system and Biometric system.
 - e. Other electrical components needed for the renovation
4. Provisions of data Cabinet enclosure

❖ 5th Floor Enclosure w/ Door access and Biometric System

Plans and Blueprint

1. Provision of Technical documentation
2. Submission of the Bill of Materials for the project.
3. Provisions of appropriate site specifications for the supplied materials.

Scope of Work

1. Supply, delivery, installation, set-up and commissioning of Enclosure of Data Cabinet.
2. Required Cables tray and other materials/accessories
3. Components which include but not limited to the following:
 - a. Transfer Switch
 - b. Power Outlets
 - c. Conduits
 - d. Power Outlets for Server/Computers, Air Conditioner, Door Access system and Biometric system.
 - e. Other electrical components needed for the renovation
4. Provisions of data Cabinet enclosure

A. Data Cabinet enclosure w/ Glass and access door, technical specification of Data Cabinet:

1. W=800mm, D=1170mm, H=45U, High-density server rack, black color, loading capacity:1500kgs (static 190kg) ACTUAL SIZE OF DEPTH (Frame to Frame 1170mm D) (Front door to Rear door 1270mm D)
2. Locking removable side panels, Curved perforated front door: Curved perforated, rear door: double perforated split doors.
3. The lock is a long rotary lock.
4. 4 mounting profiles with "U" marks printed.
5. Top cover with cable entry, easy installation & uninstallation closed bottom with cable entry.
6. Earth grounding /cage nuts included, caster wheel, leveling feet, 7. (2)pcs VCM
7. Must fully enclose, dust and rodent proof.
8. Must have a Biometric System with 3 in 1 access reader option

B. Glass Enclosure of the IT area - w/ Glass and access door. Scope included is to supply and install Security Access control (stand-alone) to existing glass doors of the IT Area.

Knowledge Transfer

1. For Network Switches and Access Points : Training and Technology Transfer for the Core Switch and Server for Admin and Technical personnel for (7) Pax.
2. For the Network Monitoring Software and Traffic Analysis: Knowledge Transfer for (5) Pax.
3. For the Active Directory: Training and Technology Transfer for the Admin Officers (7) Pax.
4. For the Cloud Security Management: Knowledge Transfer for the Cloud VMDR for the Admin and IT Personnel for (5) Pax.

In addition to the documentary requirements to be submitted Bidders shall submit:

- a. Certification of After Sales Support for the Network equipment indicating the Support, should include on-line, telephone support, on-call, on-site and replacement if the hardware is defective under warranty.
- b. Brochures or Technical Data Sheet or equivalent document for the following items/equipment showing compliance with the required Technical Specifications – For all Components.
- c. Proposed design, configuration and specifications of offered design systems and technology shall show compliance, compatibility and best fit to the desired systems subject for evaluation of the procuring entity.

Proposed Work Plan and Detailed Implementation Schedule for the Project covering the whole period. This is to ensure the reliability, security and efficiency of the required services that the prospective bidder shall perform. Timeframe should be specified for each activity to be done and shall include Gantt Chart Summary.

The following shall also be complied and submitted by the bidder based on the following requirements:

1. The Prospective Bidder must have at least Ten (10) years' experience as System Integrator and provide documentation as proof of undertaking similar projects;
 - a. Copy, Certificate of Project Completion
2. Must have been trained and certified as expert and must provide a signed statement to commit to work and finish the project;

3. Signed commitment letter the prospective bidder must have at least three (3) Engineers and Technicians certified to install cabling system. The nominated personnel must have been trained and certified and must provide a signed statement to commit to work and finish the project;

TECHNICAL SUPPORT:

- A. Provide 24 x 7 email, phone, remote and on-site technical support
- B. With Service Level Agreement (SLA). * 24X7 email, remote and on-
- C. site support services provided to customers for supported systems.
- D. Annual technical assessment and review
- E. On-site support (within Metro Manila)
- F. Severity Level Classification

Service Level Agreement:

a. Severity Level 1 - **SUPPLIER**

- Minor loss of service
- Severity 1 issues have the following characteristics:
 - Network Issues;
 - a critical documented function is not available;
 - system hangs indefinitely,
 - causing unacceptable or indefinite delays for resources or response;
 - system crashes, and crashes repeatedly after restart attempts
 - software-related issue that stops all monitoring,
 - alerting, ticketing and reporting functions resulting in a loss of business productivity
- Response Time: Within 4 hours

b. Severity Level 2 - **DISTRIBUTOR**

- Major loss of service.
- Minor loss of service
- Important features are unavailable with no acceptable workaround, but operations can continue in restricted fashion.
- Service interruptions to some, but not all software modules.
- Time sensitive issue reported by Customer, which may adversely affect operational, billing, monitoring and productivity
- Response Time: Within 8 hours

c. Severity Level 3 – **PRINCIPAL**

- Severe loss of service
- Impact is inconvenience, which may require network configuration / Hardware replacement and pull-out / service unit availability within the warranty.
- Response Time: Within 20 hours

SUMMARY			
Item	Particulars		
1	ICT Machinery and Equipment		
	Network Core Switch x 1		
	Access Switch x 17		
	Controller x 1		
	Access Point x 26		
	Network Security Appliance x 1		
	Network Monitoring Appliance x 1		
	Cloud-based Security		
	Knowledge transfer		
2	Professional Services (e.g. Structure Cabling, Engr Services, etc..)		
WARRANTY: One (1) year after the User Acceptance (UAT)			

Conforme:

Name of Bidder's/Representative

Signature

Date

***Section VIII. Checklist of Technical and
Financial Documents***

Checklist of Technical and Financial Documents

I. TECHNICAL COMPONENT ENVELOPE

Class “A” Documents

Legal Documents

- (a) Valid PhilGEPS Registration Certificate (Platinum Membership) (all pages) **in accordance with Section 8.5.2 of the IRR;**

Technical Documents

- (b) Statement of the prospective bidder of all its ongoing government and private contracts, including contracts awarded but not yet started, if any, whether similar or not similar in nature and complexity to the contract to be bid (**Annex “A”**); **and**
- (c) Statement of the bidder’s Single Largest Completed Contract (SLCC) similar to the contract to be bid (**Annex “B”**), except under conditions provided for in Sections 23.4.1.3 and 23.4.2.4 of the 2016 revised IRR of RA No. 9184, within the relevant period as provided in the Bidding Documents; **and** (*Note: This statement shall be supported with certification of satisfactory performance or end-user’s acceptance or official receipt(s) or sales invoice issued for the contract;* **and**
- (d) Original copy of Bid Security. If in the form of a Surety Bond, submit also a certification issued by the Insurance Commission;
or
Original copy of Notarized Bid Securing Declaration (**Annex “C”**); **and**
- (e) Conformity with the Technical Specifications (**please refer to Section VII of the bidding documents**), which may include production/delivery schedule, manpower requirements, and/or after-sales/parts (**please refer to Section VI of the bidding documents**); **and**
- (f) Original duly signed Omnibus Sworn Statement (OSS) (**Annex “D”**) **and** if applicable, Original Notarized Secretary’s Certificate in case of a corporation, partnership, or cooperative; or Original Special Power of Attorney of all members of the joint venture giving full power and authority to its officer to sign the OSS and do acts to represent the Bidder.

Financial Documents

- (g) The prospective bidder’s computation of Net Financial Contracting Capacity (NFCC) (**Annex “E”**) **or** a committed Line of Credit from a Universal or Commercial Bank in lieu of its NFCC computation.

Class “B” Documents

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

II. FINANCIAL COMPONENT ENVELOPE

- (a) Original of duly signed and accomplished Financial Bid Form (**Annex “F”**) **and**
- (b) Original of duly signed and accomplished Price Schedule(s) (**Annex “G”**).
Note: Please indicate the unit cost and total amount of each item.