

PHILIPPINE BIDDING DOCUMENTS

UPGRADING OF LOCAL AREA NETWORK (LAN) - VARIOUS IT EQUIPMENT FOR THE DEPARTMENT OF AGRARIAN REFORM (DAR) CENTRAL OFFICE

PUBLIC BIDDING NO: 21-131-10

**Sixth Edition
July 2020**

Preface

These Philippine Bidding Documents (PBDs) for the procurement of Goods through Competitive Bidding have been prepared by the Government of the Philippines for use by any branch, constitutional commission or office, agency, department, bureau, office, or instrumentality of the Government of the Philippines, National Government Agencies, including Government-Owned and/or Controlled Corporations, Government Financing Institutions, State Universities and Colleges, and Local Government Unit. The procedures and practices presented in this document have been developed through broad experience, and are for mandatory use in projects that are financed in whole or in part by the Government of the Philippines or any foreign government/foreign or international financing institution in accordance with the provisions of the 2016 revised Implementing Rules and Regulations of Republic Act No. 9184.

The Bidding Documents shall clearly and adequately define, among others: (i) the objectives, scope, and expected outputs and/or results of the proposed contract or Framework Agreement, as the case may be; (ii) the eligibility requirements of Bidders; (iii) the expected contract or Framework Agreement duration, the estimated quantity in the case of procurement of goods, delivery schedule and/or time frame; and (iv) the obligations, duties, and/or functions of the winning bidder.

Care should be taken to check the relevance of the provisions of the PBDs against the requirements of the specific Goods to be procured. If duplication of a subject is inevitable in other sections of the document prepared by the Procuring Entity, care must be exercised to avoid contradictions between clauses dealing with the same matter.

Moreover, each section is prepared with notes intended only as information for the Procuring Entity or the person drafting the Bidding Documents. They shall not be included in the final documents. The following general directions should be observed when using the documents:

- a. All the documents listed in the Table of Contents are normally required for the procurement of Goods. However, they should be adapted as necessary to the circumstances of the particular Procurement Project.
- b. Specific details, such as the “*name of the Procuring Entity*” and “*address for bid submission*,” should be furnished in the Instructions to Bidders, Bid Data Sheet, and Special Conditions of Contract. The final documents should contain neither blank spaces nor options.
- c. This Preface and the footnotes or notes in italics included in the Invitation to Bid, Bid Data Sheet, General Conditions of Contract, Special Conditions of

Contract, Schedule of Requirements, and Specifications are not part of the text of the final document, although they contain instructions that the Procuring Entity should strictly follow.

- d. The cover should be modified as required to identify the Bidding Documents as to the Procurement Project, Project Identification Number, and Procuring Entity, in addition to the date of issue.
- e. Modifications for specific Procurement Project details should be provided in the Special Conditions of Contract as amendments to the Conditions of Contract. For easy completion, whenever reference has to be made to specific clauses in the Bid Data Sheet or Special Conditions of Contract, these terms shall be printed in bold typeface on Sections I (Instructions to Bidders) and III (General Conditions of Contract), respectively.
- f. For guidelines on the use of Bidding Forms and the procurement of Foreign-Assisted Projects, these will be covered by a separate issuance of the Government Procurement Policy Board.

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Glossary of Acronyms, Terms, and Abbreviations

ABC –Approved Budget for the Contract.

BAC – Bids and Awards Committee.

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

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

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

BIR – Bureau of Internal Revenue.

BSP – Bangko Sentral ng Pilipinas.

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

CDA - Cooperative Development Authority.

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

CIF – Cost Insurance and Freight.

CIP – Carriage and Insurance Paid.

CPI – Consumer Price Index.

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

DTI – Department of Trade and Industry.

EXW – Ex works.

FCA – “Free Carrier” shipping point.

FOB – “Free on Board” shipping point.

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

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

GFI – Government Financial Institution.

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

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

GOP – Government of the Philippines.

GPPB – Government Procurement Policy Board.

INCOTERMS – International Commercial Terms.

Infrastructure Projects – Include the construction, improvement, rehabilitation, demolition, repair, restoration or maintenance of roads and bridges, railways, airports, seaports, communication facilities, civil works components of information technology projects, irrigation, flood control and drainage, water supply, sanitation, sewerage and solid waste management systems, shore protection, energy/power and electrification facilities, national buildings, school buildings, hospital buildings, and other related construction projects of the government. Also referred to as *civil works or works*. (2016 revised IRR, Section 5[u])

LGUs – Local Government Units.

NFCC – Net Financial Contracting Capacity.

NGA – National Government Agency.

PhilGEPS - Philippine Government Electronic Procurement System.

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

PSA – Philippine Statistics Authority.

SEC – Securities and Exchange Commission.

SLCC – Single Largest Completed Contract.

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

UN – United Nations

Section I. Invitation to Bid

INVITATION TO BID
FOR THE
UPGRADING OF LOCAL AREA NETWORK (LAN) – VARIOUS IT EQUIPMENT
FOR THE
DEPARTMENT OF AGRARIAN REFORM (DAR) CENTRAL OFFICE
PUBLIC BIDDING NO. 21-131-10

FUNDING SOURCE: GAA 2016

1. The *Department of Agrarian Reform (DAR)* through the Annual Procurement Plan for FY 2021 intends to apply the sum total of *Php 21,266,263.85* being the Approved Budget for the Contract (ABC) to payments under the contract for the Upgrading of Local Area Network (LAN) – Various IT Equipment for the Department of Agrarian Reform (DAR) Central Office under Public Bidding No. 21-131-10. Bids received in excess of the ABC shall be automatically rejected at bid opening.

Lot No.	Item No.	Qty.	Item/Description	Approved Budget for the Contract	Price of Bid Documents	Delivery Period
1	1	3 unit/s	Core Switch 40-Port 10Gig switch with accessories, 3 years license and support	21,266,263.85	3,000.00	Please refer to Section VI. Schedule of Requirements (Framework Agreement List)
	2	4 unit/s	Core Switch 16-port 10Gig switch with accessories, 3 years license and support			
	3	15 unit/s	LAN Switch 48-port 10Gig 12xmGig, 36x1G,4x10G PoE+ with accessories, 3 years license and support			
	4	4 unit/s	PoE+ with accessories, 3 years license and support			
	5	50 unit/s	WIFI 6 Indoor AP with accessories, 3 years license and support			
	6	1 unit/s	Civil Works and Implementation			

Bidders should have completed, within *five (5) years* prior to the date of submission and receipt of bids, a contract similar to the Project.

2. The summary of the bidding activities is as follows:

Advertisement/Posting of Invitation to Bid	29 September 2021
Issuance and Availability of Bid Documents	29 September 2021
Pre-Bid Conference	6 October 2021; 10:00 AM
Last day of Submission of Written Clarification	9 October 2021
Last day of Issuance of Bid Bulletin	13 October 2021
Deadline for Submission	20 October 2021; 10:00 AM
Opening of Bids	Immediately after the Deadline of Submission of Bids

3. Bidding will be conducted through open competitive bidding procedures using a non-discretionary “pass/fail” criterion as specified in the Implementing Rules and Regulations (IRR) of Republic Act (RA) 9184, otherwise known as the “Government Procurement Reform Act”.

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. Interested Bidders may obtain further information from the Procurement Service and inspect the Bidding Documents through the BAC Secretariat (Procurement Division VI) at PS Complex, Cristobal St., Paco, Manila during Mondays to Fridays, except holidays, from 8:00AM to 4:00PM.

5. A complete set of Bidding Documents may be acquired by interested bidders from the BAC Secretariat (Procurement Division VI) and upon payment of a non-refundable fee in amounts pursuant to this Invitation. The Procuring Entity shall allow the bidder to present its proof of payment for the fees in person, by facsimile, or through electronic means.

It may also be downloaded free of charge from the websites of the Procurement Service – DBM (PS-DBM) and PhilGEPS, provided that Bidders shall pay the non-refundable fee for the Bidding Documents not later than the submission of their bids.

6. The Procurement Service will hold a Pre-Bid Conference on **6 October 2021; 10:00 AM**, which shall be open to all interested parties. Pursuant to the health and safety protocols issued by the Inter-Agency Task Force (IATF) for the Management of Emerging Diseases, the scheduled meeting may be accessed through this link: meet.google.com/cnf-jiép-cgk via Google Meet.

7. Bids must be duly received by the BAC Secretariat through manual submission at the office address indicated below on or before **20 October 2021; 10:00 AM**.

Late bids shall not be accepted. Unsealed or unmarked bid envelopes shall also be rejected.

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 **20 October 2021; 10:00 AM** at PS Conference Room, Procurement Service, Cristobal St., Paco, Manila. The scheduled meeting may be accessed through this link: meet.google.com/ebb-yyjc-yjy via Google Meet. Bids will be opened in the presence of the bidders' representatives who choose to attend the activity.
10. Bidders shall drop their duly accomplished eligibility requirements, technical and financial proposals in two separate sealed envelopes in the designated bid box located at the 2nd Floor of the Procurement Service.
11. The Procurement Service 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:

Bids and Awards Committee X
Procurement Service
RR Road, Cristobal St., Paco, Manila
8290-6300 loc. 8031
dcinco@ps-philgeps.gov.ph

SIGNATURE REDACTED

JAIME M. NAVARRETE JR.
Chairperson, Bids and Awards Committee X

Section II. Instructions to Bidders

1. Scope of Bid

The Procuring Entity, *Procurement Service – DBM* wishes to receive Bids for the *Upgrading of Local Area Network (LAN) – Various IT Equipment for the Department of Agrarian Reform (DAR) Central Office under RA 9184*, with *Public Bidding No. 21-131-10*.

The Procurement Project (referred to herein as “Project”) is composed of *one (1) lot with six (6) items*, the details of which are described in Section VII (Technical Specifications).

2. Funding Information

2.1. The Government of the Philippines (GOP) through the source of funding as indicated below for *2016* in the amount of *Twenty One Million Two Hundred Sixty Six Thousand Two Hundred Sixty Three Pesos and 85/100 (₱21,266,263.85)*.

2.2. The source of funding is: *Government Appropriation Act 2016*

3. Bidding Requirements

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

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

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

4. Corrupt, Fraudulent, Collusive, and Coercive Practices

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

5. Eligible Bidders

- 5.1. Only Bids of Bidders found to be legally, technically, and financially capable will be evaluated.
- 5.2. Foreign ownership exceeding those allowed under the rules may participate pursuant to:
 - i. When a Treaty or International or Executive Agreement as provided in Section 4 of the RA No. 9184 and its 2016 revised IRR allow foreign bidders to participate;
 - ii. Citizens, corporations, or associations of a country, included in the list issued by the GPPB, the laws or regulations of which grant reciprocal rights or privileges to citizens, corporations, or associations of the Philippines;
 - iii. When the Goods sought to be procured are not available from local suppliers; or
 - iv. When there is a need to prevent situations that defeat competition or restrain trade.
- 5.3. Pursuant to Section 23.4.1.3 of the 2016 revised IRR of RA No.9184, the Bidder shall have an SLCC that is at least one (1) contract similar to the Project the value of which, adjusted to current prices using the PSA's CPI, must be at least equivalent to:

For the procurement of Non-Expendable Supplies: The Bidder must have completed a single contract that is similar to this Project, equivalent to at least fifty percent (50%) of the ABC.

- 5.4. The Bidders shall comply with the eligibility criteria under Section 23.4.1 of the 2016 IRR of RA No. 9184.

6. Origin of Goods

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

7. Subcontracts

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

The Procuring Entity has prescribed that: ***Subcontracting is not allowed.***

- 7.2. Subcontracting of any portion of the Project does not relieve the Supplier of any liability or obligation under the Contract. The Supplier will be responsible for the acts, defaults, and negligence of any subcontractor, its agents, servants, or workmen as fully as if these were the Supplier's own acts, defaults, or negligence, or those of its agents, servants, or workmen.

8. Pre-Bid Conference

The Procuring Entity will hold a pre-bid conference for this Project on the specified date and time and either at its physical address and/or through videoconferencing/webcasting 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 ***five (5) years*** prior to the deadline for the submission and receipt of bids.
- 10.3. If the eligibility requirements or statements, the bids, and all other documents for submission to the BAC are in foreign language other than English, it must be accompanied by a translation in English, which shall be authenticated by the appropriate Philippine foreign service establishment, post, or the equivalent office having jurisdiction over the foreign bidder's affairs in the Philippines. Similar to the required authentication above, for Contracting

Parties to the Apostille Convention, only the translated documents shall be authenticated through an apostille pursuant to GPPB Resolution No. 13-2019 dated 23 May 2019. The English translation shall govern, for purposes of interpretation of the bid.

11. Documents comprising the Bid: Financial Component

- 11.1. The second bid envelope shall contain the financial documents for the Bid as specified in **Section VIII (Checklist of Technical and Financial Documents)**.
- 11.2. If the Bidder claims preference as a Domestic Bidder or Domestic Entity, a certification issued by DTI shall be provided by the Bidder in accordance with Section 43.1.3 of the 2016 revised IRR of RA No. 9184.
- 11.3. Any bid exceeding the ABC indicated in paragraph 1 of the **IB** shall not be accepted.
- 11.4. For Foreign-funded Procurement, a ceiling may be applied to bid prices provided the conditions are met under Section 31.2 of the 2016 revised IRR of RA No. 9184.
- 11.5. Financial proposals for single or multi-year Framework Agreement shall be submitted before the deadline of submission of bids as prescribed in the **IB**. For multi-year Framework Agreement, evaluation of the financial proposal during this stage is for purposes of determining eligibility and whether or not such financial proposal is within the ABC.

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)**.
- 12.2. For Framework Agreement, the following should also apply in addition to Clause 12.1:
- a. For a single year Framework Agreement, the prices quoted by the Bidder shall be fixed during the Bidder's performance of the contract and not subject to variation or escalation on any account. Price schedules required under Clause 12.1 shall be submitted with the bidding documents.
 - b. For a multi-year Framework Agreement, the prices quoted by the Bidder during submission of eligibility documents shall be the ceiling and the price quoted during mini-competition must not exceed the initial price offer. The price quoted during call for mini-competition shall be fixed during the Bidder's performance of that Call-off and not subject to variation or escalation on any account. Price schedules required under Clause 12.1 shall be submitted with the bidding documents.

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 tradable 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 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 from the deadline of submission of bid*. Any Bid not accompanied by an acceptable bid security shall be rejected by the Procuring Entity as non-responsive.
- 14.3. In the case of Framework Agreement, other than the grounds for forfeiture under the 2016 revised IRR, the bid security may also be forfeited if the successful bidder fails to sign the Framework Agreement, or fails to furnish the performance security or performance securing declaration. Without prejudice on its forfeiture, bid securities shall be returned only after the posting of performance security or performance securing declaration, as the case may be, by the winning Bidder or compliant Bidders and the signing of the Framework Agreement.

15. Sealing and Marking of Bids

Each Bidder shall submit one copy of the first and second components of its Bid.

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

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

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**.
- 16.2. For multi-year Framework Agreement, the submission of bids shall be for the initial evaluation of their technical and financial eligibility. Thereafter, those declared eligible during the said initial eligibility evaluation and entered into a

¹ In the case of Framework Agreement, the undertaking shall refer to entering into contract with the Procuring Entity and furnishing of the performance security or the performance securing declaration within ten (10) calendar days from receipt of Notice to Execute Framework Agreement.

Framework Agreement with the Procuring Entity shall submit a new their best financial offer at the address and on or before the date and time indicated in the Call for each mini-competition.

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 video conferencing, 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.

18.2. For multi-year Framework Agreement, determination of margin of preference shall be conducted every call for Mini-Competition.

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.

a. In the case of single-year Framework Agreement, the Lowest Calculated Bid shall be determined outright after the detailed evaluation;

b. For multi-year Framework Agreement, the determination of the eligibility and the compliance of bidders with the technical and financial aspects of the projects shall be initially made by the BAC, in accordance with Item 7.4.2 of the Guidelines on the Use of Framework Agreement.

- 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 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: ***One (1) project having several items that shall be awarded as one (1) 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. For multi-year Framework Agreement, all bidders initially determined to be eligible and financially compliant shall be subject to initial post-qualification. The BAC shall then recommend the execution of a Framework Agreement among all eligible, technically and financially compliant bidders and the Procuring Entity and shall be issued by HoPE a Notice to Execute Framework Agreement. The determination of the Lowest Calculated Bid (LCB) shall not be performed by the BAC until a Mini-Competition is conducted among the bidders who executed a Framework Agreement. When a Call for Mini-Competition is made, the BAC shall allow the bidders to submit their best financial proposals on such pre-scheduled date, time and place to determine the bidder with the LCB.
- 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, or in the case of multi-year Framework Agreement, that it is one of the eligible bidders who have submitted bids that are found to be technically and financially compliant, 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**. For every mini-competition in Framework Agreement, the LCB shall likewise submit the required documents for final Post Qualification.

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**.
- 21.2. At the same time as the Procuring Entity notifies the successful Bidder that its bid has been accepted, the Procuring Entity shall send the Framework Agreement Form to the Bidder, which contract has been provided in the Bidding Documents, incorporating therein all agreements between the parties.
- 21.3. Within ten (10) calendar days from receipt of the Notice to Execute Framework Agreement with the Procuring Entity, the successful Bidder or its duly authorized representative shall formally enter into a Framework Agreement with the procuring entity for an amount of One Peso to be paid to the procuring entity as a consideration for the option granted by the procuring entity to procure the items in the Framework Agreement List when the need arises.
- 21.4. The Procuring Entity shall enter into a Framework Agreement with the successful Bidder within the same ten (10) calendar day period provided that all the documentary requirements are complied with.
- 21.5. The following documents shall form part of the Framework Agreement:
 - a. Framework Agreement Form;
 - b. Bidding Documents;
 - c. Call-offs;
 - d. Winning bidder's bid, including the Technical and Financial Proposals, and all other documents/statements submitted (*e.g.*, bidder's response to request for clarifications on the bid), including corrections to the bid, if any, resulting from the Procuring Entity's bid evaluation;
 - e. Performance Security or Performance Securing Declaration, as the case may be;
 - f. Notice to Execute Framework Agreement; and
 - g. Other contract documents that may be required by existing laws and/or specified in the **BDS**.

Section III. Bid Data Sheet

Bid Data Sheet

ITB Clause																						
5.3	<p>For this purpose, contracts similar to the Project shall be:</p> <ul style="list-style-type: none"> a. <i>Any contract for the Supply, Delivery, and Installation of IT Equipment/Products for Local Area Network</i> b. <i>Any contract for the Supply, Delivery, and Installation of Core Switches</i> c. <i>Any contract for the Supply, Delivery, and Installation of IT Equipment' Accessories</i> d. Completed within <i>five (5) years</i> prior to the deadline for the submission and receipt of bids. 																					
7.1	<i>Subcontracting is not allowed.</i>																					
12	The price of the Goods shall be quoted DDP <i>PS Warehouse, PS Complex, RR Road Cristobal St., Paco, Manila</i> or the applicable International Commercial Terms (INCOTERMS) for this Project.																					
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> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th style="width: 8%;">Lot No.</th> <th style="width: 8%;">Item No.</th> <th style="width: 25%;">Item / Description</th> <th style="width: 20%;">Amount Cash, Cashier's / Manager's Check, Bank Draft/ Guarantee/ Irrevocable Letter of Credit (2%)</th> <th style="width: 20%;">Surety bond callable upon demand issued by a surety or insurance company duly certified by the Insurance Commission (5%)</th> <th style="width: 19%;">Bid Securing Declaration (Pursuant to GPPB Resolution No. 03-2012)</th> </tr> </thead> <tbody> <tr> <td rowspan="2" style="text-align: center; vertical-align: middle;">1</td> <td style="text-align: center;">1</td> <td>Core Switch 40-Port 10Gig switch with accessories, 3 years license and support</td> <td></td> <td></td> <td></td> </tr> <tr> <td style="text-align: center;">2</td> <td>Core Switch 16-port 10Gig switch with accessories, 3 years license and support</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>					Lot No.	Item No.	Item / Description	Amount Cash, Cashier's / Manager's Check, Bank Draft/ Guarantee/ Irrevocable Letter of Credit (2%)	Surety bond callable upon demand issued by a surety or insurance company duly certified by the Insurance Commission (5%)	Bid Securing Declaration (Pursuant to GPPB Resolution No. 03-2012)	1	1	Core Switch 40-Port 10Gig switch with accessories, 3 years license and support				2	Core Switch 16-port 10Gig switch with accessories, 3 years license and support			
Lot No.	Item No.	Item / Description	Amount Cash, Cashier's / Manager's Check, Bank Draft/ Guarantee/ Irrevocable Letter of Credit (2%)	Surety bond callable upon demand issued by a surety or insurance company duly certified by the Insurance Commission (5%)	Bid Securing Declaration (Pursuant to GPPB Resolution No. 03-2012)																	
1	1	Core Switch 40-Port 10Gig switch with accessories, 3 years license and support																				
	2	Core Switch 16-port 10Gig switch with accessories, 3 years license and support																				

		3	LAN Switch 48-port 10Gig 12xmGig, 36x1G,4x10G PoE+ with accessories, 3 years license and support	425,325.28	1,063,313.19	Please see Section VIII attached as Annex "H"
		4	PoE+ with accessories, 3 years license and support			
		5	WIFI 6 Indoor AP with accessories, 3 years license and support			
		6	Civil Works and Implementation			
	<p>The bid security in the form of cashier's/manager's check shall be payable to PROCUREMENT SERVICE.</p>					
15	<p>Each bidder shall submit one (1) original and one (1) copy of the first and second components of its bid.</p> <p>The duplicates-i.e. copy 1, must include the same documents as that of the original set of documens. In case, however, a bidder opts to submit cash as bid security, copy 1 need not contain photocopies of the same.</p>					

19.3	The NFCC computation, if applicable, must be sufficient for all the lots or contracts to be awarded to the Bidder:				
1	Lot No.	Item No.	Quantity	Item / Description	Approved Budget for the Contract
		1	3 unit/s	Core Switch 40-Port 10Gig switch with accessories, 3 years license and support	1,266,263.85
		2	4 unit/s	Core Switch 16-port 10Gig switch with accessories, 3 years license and support	
		3	15 unit/s	LAN Switch 48-port 10Gig 12xmGig, 36x1G,4x10G PoE+ with accessories, 3 years license and support	
		4	4 unit/s	PoE+ with accessories, 3 years license and support	
		5	50 unit/s	WIFI 6 Indoor AP with accessories, 3 years license and support	
		6	1 unit/s	Civil Works and Implementation	

20.2	<p>For purposes of Post-qualification the following document(s) shall be required:</p> <ol style="list-style-type: none"> 1. Income Tax Returns for year 2020 (BIR Form 1701 or 1702). 2. Latest Value Added Tax Returns (Forms 2550M and 2550Q) or Percentage Tax Returns (Form 2551M). For this requirement, covering the previous six (6) months prior to the Opening of Bids. <p><i>The income tax and business tax returns stated above should have been filed through the Electronic Filing and Payment System (EFPS).However, exceptions issued by the BIR are recognized (i.e. BIR RMC No. 37-2020; RMC No. 4-2021; and RMC No. 50-2021) subject to validation and verification.</i></p> <ol style="list-style-type: none"> 3. Proof of completion of the single largest contract as identified in the Statement of Single Largest Contract, which shall be copy of any verifiable document(s) such as but not limited to the following: <ol style="list-style-type: none"> (a) Contract/s or Purchase Order/s; (b) Corresponding Sales Invoice/s; (c) Official Receipt/Cash Receipt/Collection Receipt; and (d) Certificate of Satisfactory Completion.
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	<p>4. Submission of pieces of evidence as proof of compliance with the bidder's actual offer, if applicable.</p> <p>In the column "Bidder's Compliance", the bidder must state "comply" against each of the individual parameters of each specification corresponding to performance parameter of equipment offered. Statement of "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 or distributor's un-amended sales literature, unconditional statements or specification and compliance issued by the manufacturer or distributor, samples, independent test data etc., as appropriate.</p> <p>5. Valid and updated PhilGEPS Certificate of Registration (Platinum Membership), in the event that the PhilGEPS Certificate and the annexes submitted during Opening of Bids is not updated.</p> <p>6. Certification from the bidder with verifiable proof such as, but not limited to, sales invoice, official receipt, advertisements, publications and other similar documents that the “BRAND of the IT Equipment/Product” being offered has been continuously in the Philippine Market for at least TWENTY (20) years before the submission and receipt of bids. Provided, that the IT Equipment/Product to be supplied is the latest model being offered in the Philippines.</p> <p>7. Certification from the bidder with proof that the IT Equipment/Product to be supplied is the latest model being offered in the Philippines;</p> <p>8. Certification from the bidder that they are authorized partner/reseller of the brand being offered for a minimum of at least five (5) years;</p> <p>9. Submission from the bidder an associate certification/s for one (1) network & one (1) wireless issued by the principal or manufacturer of the brand being offered;</p> <p>10. Bidder must conduct internal training with the Department of Agrarian Reform - IT Team.</p> <p><i>N.B. Documents submitted during post-qualification as part of post-qualification documents must be certified by the authorized representative to be true copy/ies from the original.</i></p>
21.2	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**.
- 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 to Execute Framework Agreement (NEFA) 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. *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 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>The Project Sites are:</p> <p><i>PS Warehouse, PS Complex, RR Road Cristobal St., Paco, Manila</i></p> <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, state:]</i> “The delivery terms applicable to the Contract are DDP delivered <i>[indicate place of destination]</i>. In accordance with INCOTERMS.”</p> <p><i>[For Goods supplied from within the Philippines, state:]</i> “The delivery terms applicable to this Contract are delivered <i>[indicate place of destination]</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 <i>Ms. Catherine Anne Mirabel, OIC-Chief WALD.</i></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> <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
- 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:

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

The spare parts and other components required are listed in **Section VI (Schedule of Requirements)** and the cost thereof is 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 **Three (3) months**.

Spare parts or components shall be supplied as promptly as possible, but in any case, within **Three (3) 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 remoteness of the Goods' final destination and the absence of heavy handling facilities at all points in transit.

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

Transportation –

Where the Supplier is required under Contract to deliver the Goods CIF, CIP, or DDP, transport of the Goods to the port of destination or such other named place of destination in the Philippines, as shall be specified in this Contract, shall be arranged and paid for by the Supplier, and the cost thereof shall be included in the Contract Price.

Where the Supplier is required under this Contract to transport the Goods to a specified place of destination within the Philippines, defined as the Project Site, transport to such place of destination in the Philippines, including insurance and storage, as shall be specified in this Contract, shall be arranged by the Supplier, and related costs shall be included in the contract price.

Where the Supplier is required under Contract to deliver the Goods CIF, CIP or DDP, Goods are to be transported on carriers of Philippine registry. In the event that no carrier of Philippine registry is available, Goods may be shipped by a carrier which is not of Philippine registry provided that the Supplier obtains and presents to the Procuring Entity certification to this effect from the nearest Philippine 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>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	<i>Payment will be made upon complete acceptance of the project</i>
4	<i>Not Applicable</i>
5.1	<i>A warranty retention equivalent to at least 1% shall be required for one (1) year after End-User's acceptance.</i>

Section VI. Schedule of Requirements

Schedule of Requirements

Lot No.	Item No.	Qty.	Item / Description	Delivery Period
1	1	3 unit/s	Core Switch 40-Port 10Gig switch with accessories, 3 years license and support	Within Sixty (60) Calendar days from the issuance of Notice to Proceed.
	2	4 unit/s	Core Switch 16-port 10Gig switch with accessories, 3 years license and support	
	3	15 unit/s	LAN Switch 48-port 10Gig 12xmGig, 36x1G,4x10G PoE+ with accessories, 3 years license and support	
	4	4 unit/s	PoE+ with accessories, 3 years license and support	
	5	50 unit/s	WIFI 6 Indoor AP with accessories, 3 years license and support	
	6	1 unit/s	Civil Works and Implementation	

I hereby commit to deliver the required quality and quantities upon receipt of the Call-Off as indicated above.

Name of Company	Signature Over Printed Name of Authorized Representative	Date
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Section VII. Technical Specifications

LOT NO. 1	:	Upgrading of Local Area Network (LAN) – Various IT Equipment for the Department of Agrarian Reform (DAR) Central Office
QUANTITY	:	1 Lot
APPROVED BUDGET PER UNIT	:	Php 21,226,263.85
APPROVED BUDGET FOR THE CONTRACT	:	Php 21,226,263.85

ITEM NO.	AGENCY SPECIFICATIONS	BIDDER'S STATEMENT OF COMPLIANCE*
1	1. <u>Core Switch 40-Port 10Gig switch with accessories, 3 years license and support</u>	Brand and Model:
	1.1 2 Unit Multilayer Core Switch	
	1.1.1 Must be of the same vendor as the Access and Distribution switches, and Access Points to ensure compatibility and easy troubleshooting	
	1.1.2 Proposed hardware vendor must be placed in the leader quadrant of year 2020 Gartner report for Wired and Wireless	
	1.1.3 1 RU Form Factor 40-port 10Gig switch with Advanced License	
	1.1.4 Must deliver up-to 960 Gbps Full Duplex of switching capacity and 720 Mpps of forwarding rate	
	1.1.5 Must have Stacking system virtualization technology that increases operational efficiency and boosts nonstop communications and scaled system bandwidth	
	1.1.6 Must have Dual redundant, modular power supplies and three modular fans providing redundancy	
1.1.7 Switch Capabilities <ul style="list-style-type: none"> • Unified Access Data Plane (UADP) Application-Specific Integrated Circuit (ASIC) ready for next-generation technologies with its programmable pipeline, microengine capabilities, and template-based, configurable allocation of Layer 2 and Layer 3 forwarding, Access Control Lists (ACLs), and Quality-of-Service (QoS) entries • Intel® 2.4-GHz x86 CPU with up to 120 GB of USB 3.0 or up to 960 GB of SATA SSD storage for container-based application hosting • Platinum-rated AC power supplies • Up to 512,000 Flow entries in hardware • Up to 36 MB of unified buffer per ASIC • Up to 64,000 routing entries (IPv4/IPv6) for high-end campus core and aggregation deployments • IPv6 support in hardware, providing wire-rate 		

	<p>forwarding for IPv6 networks</p> <ul style="list-style-type: none"> • IEEE 802.1ba AV Bridging (AVB) built in to provide a better AV experience through improved time synchronization and QoS • Precision Time Protocol (PTP; IEEE 1588v2) provides accurate clock synchronization with sub-microsecond accuracy, making it suitable for distribution and synchronization of time and frequency over the network • Dual-stack support for IPv4/IPv6 and dynamic hardware forwarding table allocations, for ease of IPv4-to-IPv6 migration • Support for both static and dynamic NAT and Port Address Translation (PAT) • Scalable routing (IPv4, IPv6, and multicast) tables and Layer 2 tables • A modern operating system for the enterprise with support for model-driven programmability, on-box Python scripting, streaming telemetry, container-based application hosting, and patching for critical bug fixes. The OS also has built-in defenses to protect against runtime attacks • Stacking technology, a network system virtualization technology that increases operational efficiency and boosts nonstop communications and scaled system bandwidth 	
1.1.8	<p>SD-Access Features:</p> <ul style="list-style-type: none"> • Policy-based automation from edge to cloud • Segmentation and micro-segmentation made easy, with predictable performance and scalability • Automation and network assurance • Faster launch of new business services and significantly improved issue resolution time • Plug and Play (PnP) enabled: A simple, secure, unified, and integrated offering to ease new branch or campus device rollouts or updates to an existing network 	
1.1.9	<p>Advanced security:</p> <ul style="list-style-type: none"> • Encrypted Traffic Analytics (ETA): You benefit from the power of machine learning to identify and take actions toward threats or anomalies in your network, including malware detection in encrypted traffic and distributed anomaly detection. Additionally, ETA is able to detect vulnerable implementations in encrypted traffic • Support for AES-256 with the powerful MACsec 256-bit encryption algorithm available on all models • Trustworthy systems: Secure Unique Device Identification (SUDI) support for Plug and Play, enabling tamper-proof device identity capability, which secures zero-touch provisioning by allowing your device to show a certificate to the server to be able to get onto your network 	
1.1.10	<p>IP Routing Protocols:</p> <ul style="list-style-type: none"> • IP unicast routing protocols (including static; Routing Information Protocol version 1 [RIPv1], version 2 [RIPv2], and next generation [RIPng]; and Open Shortest Path First [OSPF] routed access) are supported for small network routing applications with the Network Essentials stack • Advanced IP unicast routing protocols (such as OSPF, Enhanced Interior Gateway Routing Protocol [EIGRP], 	

	<p>Border Gateway Protocol Version 4 [BGPv4], and Intermediate System-to-Intermediate System Version 4 [IS-ISv4] are supported for load balancing and for constructing scalable LANs. IPv6 routing (using OSPFv3 and EIGRPv3) is supported in hardware for maximum performance</p> <ul style="list-style-type: none"> • Protocol-Independent Multicast (PIM) for IP multicast routing is supported, including PIM Sparse Mode (PIM SM), bidirectional PIM, and Source-Specific Multicast (SSM) • IPv6 addressing is supported on interfaces with appropriate show commands for monitoring and troubleshooting 	
1.1.11	Must have 10/100/1000 RJ-45 console and management port	
1.1.12	<p>Must have the following industry standards:</p> <ul style="list-style-type: none"> • IEEE 802.1s • IEEE 802.1w • IEEE 802.1x • IEEE 802.1x-Rev • IEEE 802.3ad • IEEE 802.3x full duplex on 10BASE-T, 100BASE-TX, and 1000BASE-T ports • IEEE 802.1D Spanning Tree Protocol • IEEE 802.1p CoS prioritization • IEEE 802.1Q VLAN • IEEE 802.3 10BASE-T specification • IEEE 802.3u 100BASE-TX specification • IEEE 802.3ab 1000BASE-T specification • IEEE 802.3z 1000BASE-X specification • RMON I and II standards • SNMPv1, SNMPv2c, and SNMPv3 	
1.1.13	<p>Must support Operating Temperature of 32° to 104°F (0° to 40°C) Operation up to 6000 feet at 55°C and 13,000 feet at 45°C</p>	
1.1.14	Must have a minimum of Mean-Time-Between-Failures (MTBF) of 277,310 hrs	
1.1.15	Must Support Relative Humidity of Ambient (noncondensing) operating: 5% to 90%	
1.1.16	Must support up to 64,000 Media Access Control (MAC) Entries	
1.1.17	Must support up to 64,000 IPv4 routes	
1.1.18	Must support up to 32,000 IPv4 Multicast routes	
1.1.19	Must support up to 32,000 IPv6 routes	
1.1.20	Must support up to 16,000 IPv6 Multicast routes	
1.1.21	Must support up to 512,000 Flow Entries	
1.1.22	Must support up to 18,000 QoS ACL Entries	

	1.1.23 Must support up to 18,000 Security ACL Entries	
	1.1.24 Must support up to 16 GB DRAM	
	1.1.25 Must support up to 16 GB Flash	
	1.1.26 Must support up to 4094 Total VLAN IDs	
	1.1.27 Must support up to 13,000 STP Virtual Ports for PVST	
	1.1.28 Must support up to 13,000 STP Virtual Ports for MST	
	1.1.29 Must support up to 1000 Total Switched Virtual Interfaces (SVIs)	
	1.1.30 Must support up to 9198 bytes of Jumbo Frames	
	1.2 Additional Items 2 units	
	1.2.1 Console Cable 6ft with USB Type A and mini-B	
	1.2.2 Console Cable 6ft with USB Type A and mini-B	
	1.3 Warranty and Support	
	1.3.1 3YR Warranty and Solution Support 24x7x4	
2	2. <u>Core Switch 16-port 10Gig switch with accessories, 3 years license and support</u>	Brand and Model:
	2.1. 4 Units Multilayer Core Switch	
	2.1.1 Must be of the same vendor as the Core and Access switches, and Access Points to ensure compatibility and easy troubleshooting	
	2.1.2 Proposed hardware vendor must be placed in the leader quadrant of year 2020 Gartner report for Wired and Wireless	
	2.1.3 1 RU Form Factor 16-port 10Gig switch with Advanced License	
	2.1.4 Must deliver up-to 480 Gbps Full Duplex of switching capacity and 360 Mpps of forwarding rate	
	2.1.5 Must have Stacking system virtualization technology that increases operational efficiency and boosts nonstop communications and scaled system bandwidth	
	2.1.6 Must have Dual redundant, modular power supplies and three modular fans providing redundancy	
	2.1.7 Switch Capabilities <ul style="list-style-type: none"> Unified Access Data Plane (UADP) Application-Specific Integrated Circuit (ASIC) ready for next-generation technologies with its programmable pipeline, microengine capabilities, and template-based, configurable allocation of Layer 2 and Layer 3 forwarding, Access Control Lists (ACLs), and Quality-of-Service (QoS) entries Intel® 2.4-GHz x86 CPU with up to 120 GB of USB 3.0 or up to 960 GB of SATA SSD storage for container-based application hosting Platinum-rated AC power supplies Up to 512,000 Flow entries in hardware Up to 36 MB of unified buffer per ASIC Up to 64,000 routing entries (IPv4/IPv6) for high-end 	

	<p>campus core and aggregation deployments</p> <ul style="list-style-type: none"> • IPv6 support in hardware, providing wire-rate forwarding for IPv6 networks • IEEE 802.1ba AV Bridging (AVB) built in to provide a better AV experience through improved time synchronization and QoS • Precision Time Protocol (PTP; IEEE 1588v2) provides accurate clock synchronization with sub-microsecond accuracy, making it suitable for distribution and synchronization of time and frequency over the network • Dual-stack support for IPv4/IPv6 and dynamic hardware forwarding table allocations, for ease of IPv4-to-IPv6 migration • Support for both static and dynamic NAT and Port Address Translation (PAT) • Scalable routing (IPv4, IPv6, and multicast) tables and Layer 2 tables • With modern operating system for the enterprise with support for model-driven programmability, on-box Python scripting, streaming telemetry, container-based application hosting, and patching for critical bug fixes. The OS also has built-in defenses to protect against runtime attacks • Stacking technology, a network system virtualization technology that increases operational efficiency and boosts nonstop communications and scaled system bandwidth 	
2.1.8	<p>SD-Access Features:</p> <ul style="list-style-type: none"> • Policy-based automation from edge to cloud • Segmentation and micro-segmentation made easy, with predictable performance and scalability • Automation and network assurance • Faster launch of new business services and significantly improved issue resolution time • Plug and Play (PnP) enabled: A simple, secure, unified, and integrated offering to ease new branch or campus device rollouts or updates to an existing network 	
2.1.9	<p>Advanced security:</p> <ul style="list-style-type: none"> • Encrypted Traffic Analytics (ETA): You benefit from the power of machine learning to identify and take actions toward threats or anomalies in your network, including malware detection in encrypted traffic and distributed anomaly detection. Additionally, ETA is able to detect vulnerable implementations in encrypted traffic • Support for AES-256 with the powerful MACsec 256-bit encryption algorithm available on all models • Trustworthy systems: Secure Unique Device Identification (SUDI) support for Plug and Play, enabling tamper-proof device identity capability, which secures zero-touch provisioning by allowing your device to show a certificate to the server to be able to get onto your network 	
2.1.10	<p>IP Routing Protocols:</p> <ul style="list-style-type: none"> • IP unicast routing protocols (including static; Routing Information Protocol version 1 [RIPv1], version 2 [RIPv2], and next generation [RIPng]; and Open Shortest Path First [OSPF] routed access) are supported for small network routing applications with the Network Essentials 	

	<ul style="list-style-type: none"> stack • Advanced IP unicast routing protocols (such as OSPF, Enhanced Interior Gateway Routing Protocol [EIGRP], Border Gateway Protocol Version 4 [BGPv4], and Intermediate System-to-Intermediate System Version 4 [IS-ISv4]) are supported for load balancing and for constructing scalable LANs. IPv6 routing (using OSPFv3 and EIGRPv6) is supported in hardware for maximum performance • Protocol-Independent Multicast (PIM) for IP multicast routing is supported, including PIM Sparse Mode (PIM SM), bidirectional PIM, and Source-Specific Multicast (SSM) • IPv6 addressing is supported on interfaces with appropriate show commands for monitoring and troubleshooting 	
2.1.11	Must have 10/100/1000 RJ-45 console and management port	
2.1.12	<p>Must have the following industry standards:</p> <ul style="list-style-type: none"> • IEEE 802.1s • IEEE 802.1w • IEEE 802.1x • IEEE 802.1x-Rev • IEEE 802.3ad • IEEE 802.3x full duplex on 10BASE-T, 100BASE-TX, and 1000BASE-T ports • IEEE 802.1D Spanning Tree Protocol • IEEE 802.1p CoS prioritization • IEEE 802.1Q VLAN • IEEE 802.3 10BASE-T specification • IEEE 802.3u 100BASE-TX specification • IEEE 802.3ab 1000BASE-T specification • IEEE 802.3z 1000BASE-X specification • RMON I and II standards • SNMPv1, SNMPv2c, and SNMPv3 	
2.1.13	<p>Must support Operating Temperature of 32° to 104°F (0° to 40°C)</p> <p>Operation up to 6000 feet at 55°C and 13,000 feet at 45°C</p>	
2.1.14	Must have a minimum of Mean-Time-Between-Failures (MTBF) of 315,790 hrs	
2.1.15	Must Support Relative Humidity of Ambient (noncondensing) operating: 5% to 90%	
2.1.16	Must support up to 64,000 Media Access Control (MAC) Entries	
2.1.17	Must support up to 64,000 IPv4 routes	
2.1.18	Must support up to 32,000 IPv4 Multicast routes	
2.1.19	Must support up to 32,000 IPv6 routes	
2.1.20	Must support up to 16,000 IPv6 Multicast routes	
2.1.21	Must support up to 512,000 Flow Entries	
2.1.22	Must support up to 18,000 QoS ACL Entries	
2.1.23	Must support up to 18,000 Security ACL Entries	

	2.1.24	Must support up to 16 GB DRAM	
	2.1.25	Must support up to 16 GB Flash	
	2.1.26	Must support up to 4094 Total VLAN IDs	
	2.1.27	Must support up to 13,000 STP Virtual Ports for PVST	
	2.1.28	Must support up to 13,000 STP Virtual Ports for MST	
	2.1.29	Must support up to 1000 Total Switched Virtual Interfaces (SVIs)	
	2.1.30	Must support up to 9198 bytes of Jumbo Frames	
	2.2.	Additional Items 4 units	
	2.2.1	Console Cable 6ft with USB Type A and mini-B	
	2.2.2	8 x 10GE Network Module	
	2.3.	Warranty and Support	
	2.3.1	3YR Warranty and Support 8x5xNBD	
3	3.	<u>LAN Switch 48-port 10Gig 12xmGig, 36x1G,4x10G PoE+ with accessories, 3 years license and support</u>	Brand and Model:
	3.1.	15 Units Access Switches	
	3.1.1	Must be of the same vendor as the Core and Distribution switches, and Access Points to ensure compatibility and easy troubleshooting	
	3.1.2	Proposed hardware vendor must be placed in the leader quadrant of year 2020 Gartner report for Wired and Wireless	
	3.1.3	1 RU Form Factor 48 ports full POE+ (12 mGig ports up to 10G, 36 ports up to 1G), 4x10G PoE+, Advanced License	
	3.1.4	Must deliver up-to 392 Gbps Full Duplex of switching capacity and 291.66 Mpps of forwarding rate	
	3.1.5	Switch Capabilities <ul style="list-style-type: none"> • Up to 48ports • Flexible downlink options • Operational efficiency with optional backplane stacking, supporting stacking bandwidth up to 80 Gbps • UADP 2.0 Mini with integrated CPU offers customers optimized scale with better cost structure • Enhanced security with AES-128 MACsec encryption, policy-based segmentation, and trustworthy systems • Layer 3 capabilities, including OSPF, EIGRP, ISIS, RIP, and routed access • Advanced network monitoring using Full Flexible NetFlow • Software-Defined Access (SD-Access): <ul style="list-style-type: none"> ○ Simplified operations and deployment with policy-based automation from edge to cloud managed ○ Network assurance and improved resolution time • Plug and Play (PnP) enabled: A simple, secure, unified, and integrated offering to ease new branch or campus device rollouts or updates to an existing network 	

	<ul style="list-style-type: none"> • A Common Licensing based operating system for the enterprise product family with support for model-driven programmability and streaming telemetry • ASIC with programmable pipeline and micro-engine capabilities, along with template-based, configurable allocation of Layer 2 and Layer 3 forwarding, Access Control Lists (ACLs), and Quality of Service (QoS) entries 	
	<p>3.1.6 Resiliency and high availability</p> <ul style="list-style-type: none"> • Automated device provisioning is the ability to automate the process of upgrading software images and installing configuration files on switches when they are being deployed in the network for the first time. This provides turnkey solutions such as Plug and Play and Preboot Execution Environment (PXE) that enable an effortless and automated deployment. • API-driven configuration is available with modern network switches. It supports a wide range of automation features and provides robust open APIs over NETCONF and RESTCONF using YANG data models for external tools, both off the shelf and custom built, to automatically provision network resources. • Granular visibility enables model-driven telemetry to stream data from a switch to a destination. The data to be streamed is identified through subscription to a data set in a YANG model. The subscribed data set is streamed to the destination at specified intervals. Additionally, the switch software enables the push model. It provides near-real-time monitoring of the network, leading to quick detection and rectification of failures. Seamless software upgrades and patching supports OS resilience. The switch supports cold patching with reboot, which provides fixes for critical bugs and security vulnerabilities between regular maintenance releases. This support lets you add patches without having to wait for the next maintenance release. Cold patching requires the switch to be rebooted after patching to allow the changes to take effect. • High availability: The switches support high-availability features, including the following: <ul style="list-style-type: none"> ○ Cross-stack EtherChannel provides the ability to configure EtherChannel technology across different members of the stack for high resiliency. ○ IEEE 802.1s Multiple Spanning Tree Protocol (MSTP) provides rapid spanning tree convergence independent of spanning tree timers and also offers the benefit of Layer 2 load balancing and distributed processing. ○ Per-VLAN Rapid Spanning Tree (PVRST+) allows rapid spanning tree (IEEE 802.1w) reconvergence on a per-VLAN spanning tree basis, providing simpler configuration than MSTP. In both MSTP and PVRST+ modes, stacked units behave as a single spanning tree node. ○ Switch-port auto-recovery (“err-disable” recovery) automatically attempts to reactivate a link that is disabled because of a network error. 	

	<p>3.1.7 Smart operation</p> <ul style="list-style-type: none"> • WebUI is an embedded GUI-based device-management tool that provides the ability to provision the device, to simplify device deployment and manageability, and to enhance the user experience. It comes with the default image, so there is no need to enable anything or install any license on the device. You can use WebUI to build configurations, and to monitor and troubleshoot the device without having CLI expertise. • The switches have an embedded RFID tag that facilitates easy asset and inventory management using commercial RFID readers. • The switches support both front and back blue beacon LEDs for easy identification of the switch being accessed. • The switches provide optimum power saving with Energy Efficient Ethernet (EEE) on the RJ-45 ports and low-power operations for industry best-in-class power management and power consumption capabilities. The ports support reduced power modes so that ports not in use can move into a lower power utilization state. Other efficient switch operation features are as follows: <ul style="list-style-type: none"> ○ Per-port power consumption command allows customers to specify a maximum power setting on an individual port. • The switches have hardware support to connect a Bluetooth dongle to your switch, enabling you to use this wireless interface as an IP management port interface. The port can be used for configuration and troubleshooting using WebUI or the Command-Line Interface (CLI), and to transfer images and configurations. 	
	<p>3.1.8 IP Routing Protocols</p> <ul style="list-style-type: none"> • The Express Forwarding hardware routing architecture delivers extremely high-performance IP routing in the Series switches, based on: • IP unicast routing protocols (including static, Routing Information Protocol Version 1 [RIPv1], RIPv2, RIPv2, and Open Shortest Path First [OSPF], Routed Access) are supported for small network routing applications with the Network Essentials stack. Equal-cost routing facilitates Layer 3 load balancing and redundancy across the stack. • Advanced IP unicast routing protocols (including Full [OSPF], Enhanced Interior Gateway Routing Protocol [EIGRP], and Intermediate System-to-Intermediate System Version 4 [IS-ISv4]) are supported for load balancing and for constructing scalable LANs. Ipv6 routing (using OSPFv3 and EIGRPv6) is supported in hardware for maximum performance. • Protocol-Independent Multicast (PIM) for IP multicast routing is supported, including PIM sparse mode (PIM SM), and Source-Specific Multicast (SSM). • Ipv6 addressing is supported on interfaces with appropriate show commands for monitoring and troubleshooting. 	

3.1.9	Must have Ethernet management port: RJ-45 connectors, 4-pair Cat 5 UTP cabling	
3.1.10	<p>Must have the following industry standards:</p> <ul style="list-style-type: none"> • IEEE 802.1s • IEEE 802.1w • IEEE 802.1x • IEEE 802.1x-Rev • IEEE 802.3ad • IEEE 802.3af • IEEE 802.3at • IEEE 802.3x full duplex on 10BASE-T, 100BASE-TX, and 1000BASE-T ports • IEEE 802.1D Spanning Tree Protocol • IEEE 802.1p CoS prioritization • IEEE 802.1Q VLAN • IEEE 802.3 10BASE-T specification • IEEE 802.3u 100BASE-TX specification • IEEE 802.3ab 1000BASE-T specification • IEEE 802.3z 1000BASE-X specification • RMON I and II standards • SNMPv1, v2c, and v3 	
3.1.11	<p>EMI and EMC compliance:</p> <ul style="list-style-type: none"> • FCC Part 15 (CFR 47) Class A • ICES-003 Class A • EMI and EMC compliance: • FCC Part 15 (CFR 47) Class A • ICES-003 Class A • EN 55032 Class A • CISPR 32 Class A • AS/NZS 3548 Class A • BSMI Class A • VCCI Class A • CISPR 35 • EN 55024, EN300 386*, EN 61000-3-2, EN 61000-3-3 • EN 61000-6-1 	
3.1.12	<p>Must support operating temperature* and altitudes:</p> <ul style="list-style-type: none"> • -5°C to +45°C, up to 5000 feet (1500m) • -5°C to +40°C, up to 10,000 feet (3000m) <p>* Minimum ambient temperature for cold start is 32°F (0°C)</p>	
3.1.13	Must have a minimum Mean-Time-Between-Failures (MTBF) of 337,360 hrs	
3.1.14	Must Support Relative Humidity of Ambient (noncondensing) operating: 5% to 90% noncondensing	
3.1.15	Must Support up to 80 Gbps of Stacking bandwidth	
3.1.16	Must support up to 16,000 Media Access Control (MAC) Entries	
3.1.17	Must support up to 11,000 (8,000 direct routes and 3,000 indirect routes) Total number of IPv4 routes (ARP plus learned routes)	
3.1.18	Must support up to 3,000 IPv4 routes	
3.1.19	Must support up to 1,500 IPv6 routes	

	3.1.20 Must support up to 1,000 Multicast Entries	
	3.1.21 Must support up to 1000 QoS Scale Entries	
	3.1.22 Must support up to 1500 ACL Scale Entries	
	3.1.23 Must support up to 12 MB packet buffer	
	3.1.24 Must support up to 32,000 Flexible NetFlow (FNF) entries	
	3.1.25 Must support up to 2 GB DRAM	
	3.1.26 Must support up to 4 GB Flash	
	3.1.27 Must support up to 4096 Total VLAN IDs	
	3.1.28 Must support up to 512 Total Switched Virtual Interfaces (SVIs)	
	3.1.29 Must support up to 9198 bytes of Jumbo Frames	
	3.2. Warranty & Support	
	3.2.1 3YR Warranty and Support 8X5XNBD	
	4. <u>PoE+ with accessories, 3 years license and support</u>	Brand and Model:
	4.1. 4 Units Access Switches	
	4.1.1 Must be of the same vendor as the Core and Distribution switches, and Access Points to ensure compatibility and easy troubleshooting	
	4.1.2 Proposed hardware vendor must be placed in the leader quadrant of year 2020 Gartner report for Wired and Wireless	
	4.1.3 1 RU Form Factor 24 ports full PoE+ (8 mGig ports up to 10G, 16 ports up to 1G), 4x10G, PoE+,Advanced License	
	4.1.4 Must deliver up-to 272 Gbps Full Duplex of switching capacity and 214.28 Mpps of forwarding rate	
4	<p>4.1.5 Switch Capabilities</p> <ul style="list-style-type: none"> • Up to 48ports • Flexible downlink options • Operational efficiency with optional backplane stacking, supporting stacking bandwidth up to 80 Gbps • UADP 2.0 Mini with integrated CPU offers customers optimized scale with better cost structure • Enhanced security with AES-128 MACsec encryption, policy-based segmentation, and trustworthy systems • Layer 3 capabilities, including OSPF, EIGRP, ISIS, RIP, and routed access • Advanced network monitoring using next-generation in flow technology • Software-Defined Access (SD-Access): <ul style="list-style-type: none"> ○ Simplified operations and deployment with policy-based automation from edge to cloud managed ○ Network assurance and improved resolution time • Plug and Play (PnP) enabled: A simple, secure, unified, and integrated offering to ease new branch or campus 	

	<ul style="list-style-type: none"> device rollouts or updates to an existing network • A Common Licensing based operating system for the enterprise product family with support for model-driven programmability and streaming telemetry • ASIC with programmable pipeline and micro-engine capabilities, along with template-based, configurable allocation of Layer 2 and Layer 3 forwarding, Access Control Lists (ACLs), and Quality of Service (QoS) entries 	
	<p>4.1.6 Resiliency and high availability</p> <ul style="list-style-type: none"> • Automated device provisioning is the ability to automate the process of upgrading software images and installing configuration files on switches when they are being deployed in the network for the first time. This provides turnkey solutions such as Plug and Play and Preboot Execution Environment (PXE) that enable an effortless and automated deployment. • API-driven configuration is available with modern network switches. It supports a wide range of automation features and provides robust open APIs over NETCONF and RESTCONF using YANG data models for external tools, both off the shelf and custom built, to automatically provision network resources. • Granular visibility enables model-driven telemetry to stream data from a switch to a destination. The data to be streamed is identified through subscription to a data set in a YANG model. The subscribed data set is streamed to the destination at specified intervals. Additionally, the switch software enables the push model. It provides near-real-time monitoring of the network, leading to quick detection and rectification of failures. • Seamless software upgrades and patching supports OS resilience. The switch supports cold patching with reboot, which provides fixes for critical bugs and security vulnerabilities between regular maintenance releases. This support lets you add patches without having to wait for the next maintenance release. Cold patching requires the switch to be rebooted after patching to allow the changes to take effect. • High availability: The switches support high-availability features, including the following: <ul style="list-style-type: none"> ○ Cross-stack EtherChannel provides the ability to configure EtherChannel technology across different members of the stack for high resiliency. ○ IEEE 802.1s Multiple Spanning Tree Protocol (MSTP) provides rapid spanning tree convergence independent of spanning tree timers and also offers the benefit of Layer 2 load balancing and distributed processing. ○ Per-VLAN Rapid Spanning Tree (PVRST+) allows rapid spanning tree (IEEE 802.1w) reconvergence on a per-VLAN spanning tree basis, providing simpler configuration than MSTP. In both MSTP and PVRST+ modes, stacked units behave as a single spanning tree node. 	

	<ul style="list-style-type: none"> ○ Switch-port auto-recovery (“err-disable” recovery) automatically attempts to reactivate a link that is disabled because of a network error. 	
	<p>4.1.7 IP Routing Protocols</p> <ul style="list-style-type: none"> ● The Express Forwarding hardware routing architecture delivers extremely high-performance IP routing in the Series switches, based on: <ul style="list-style-type: none"> ○ IP unicast routing protocols (including static, Routing Information Protocol Version 1 [RIPv1], RIPv2, RIPv6, and Open Shortest Path First [OSPF], Routed Access) are supported for small network routing applications with the Network Essentials stack. Equal-cost routing facilitates Layer 3 load balancing and redundancy across the stack. ○ Advanced IP unicast routing protocols (including Full [OSPF], Enhanced Interior Gateway Routing Protocol [EIGRP], and Intermediate System-to-Intermediate System Version 4 [IS-ISv4]) are supported for load balancing and for constructing scalable LANs. Ipv6 routing (using OSPFv3 and EIGRPv6) is supported in hardware for maximum performance. ○ Protocol-Independent Multicast (PIM) for IP multicast routing is supported, including PIM sparse mode (PIM SM), and Source-Specific Multicast (SSM). ○ Ipv6 addressing is supported on interfaces with appropriate show commands for monitoring and troubleshooting. 	
	<p>4.1.8 Must have Ethernet management port: RJ-45 connectors, 4-pair Cat 5 UTP cabling</p>	
	<p>4.1.9 Must have the following industry standards:</p> <ul style="list-style-type: none"> ● IEEE 802.1s ● IEEE 802.1w ● IEEE 802.1x ● IEEE 802.1x-Rev ● IEEE 802.3ad ● IEEE 802.3af ● IEEE 802.3at ● IEEE 802.3x full duplex on 10BASE-T, 100BASE-TX, and 1000BASE-T ports ● IEEE 802.1D Spanning Tree Protocol ● IEEE 802.1p CoS prioritization ● IEEE 802.1Q VLAN ● IEEE 802.3 10BASE-T specification ● IEEE 802.3u 100BASE-TX specification ● IEEE 802.3ab 1000BASE-T specification ● IEEE 802.3z 1000BASE-X specification ● RMON I and II standards ● SNMPv1, v2c, and v3 	

	<p>4.1.10 EMI and EMC compliance:</p> <ul style="list-style-type: none"> • FCC Part 15 (CFR 47) Class A • ICES-003 Class A • EMI and EMC compliance: • FCC Part 15 (CFR 47) Class A • ICES-003 Class A • EN 55032 Class A • CISPR 32 Class A • AS/NZS 3548 Class A • BSMI Class A • VCCI Class A • CISPR 35 • EN 55024, EN300 386*, EN 61000-3-2, EN 61000-3-3 • EN 61000-6-1 	
	<p>4.1.11 Must support perating temperature* and altitudes:</p> <ul style="list-style-type: none"> • -5°C to +45°C, up to 5000 feet (1500m) • -5°C to +40°C, up to 10,000 feet (3000m) <p>* Minimum ambient temperature for cold start is 32°F (0°C)</p>	
	<p>4.1.12 Must have a minimun of Mean-Time-Between-Failures (MTBF) of 379,410 hrs</p>	
	<p>4.1.13 Must Support Relative Humidity of Ambient (noncondensing) operating: 5% to 90% noncondensing</p>	
	<p>4.1.14 Must Support up to 80 Gbps of Stacking bandwidth</p>	
	<p>4.1.15 Must support up to 16,000 Media Access Control (MAC) Entries</p>	
	<p>4.1.16 Must support up to 11,000 (8,000 direct routes and 3,000 indirect routes) Total number of IPv4 routes (ARP plus learned routes)</p>	
	<p>4.1.17 Must support up to 3,000 IPv4 routes</p>	
	<p>4.1.18 Must support up to 1,500 IPv6 routes</p>	
	<p>4.1.19 Must support up to 1,000 Multicast Entries</p>	
	<p>4.1.20 Must support up to 1000 QoS Scale Entries</p>	
	<p>4.1.21 Must support up to 1500 ACL Scale Entries</p>	
	<p>4.1.22 Must support up to 12 MB packet buffer</p>	
	<p>4.1.23 Must support up to 32,000 Flexible NetFlow (FNF) entries</p>	
	<p>4.1.24 Must support up to 2 GB DRAM</p>	
	<p>4.1.25 Must support up to 4 GB Flash</p>	
	<p>4.1.26 Must support up to 4096 Total VLAN IDs</p>	
	<p>4.1.27 Must support up to 512 Total Switched Virtual Interfaces (SVIs)</p>	
	<p>4.1.28 Must support up to 9198 bytes of Jumbo Frames</p>	
	<p>4.2. Warranty & Support</p>	
	<p>4.2.1 3YR Warranty and Support 8X5XNBD</p>	

	5. <u>WIFI 6 Indoor AP with accessories, 3 years license and support</u>	Brand and Model:
5.1	Must be of the same vendor as the Core and Distribution switches, and Access switches to ensure compatibility and easy troubleshooting	
5.2	Proposed hardware vendor must be placed in the leader quadrant of year 2020 Gartner report for Wired and Wireless	
5.3	Must have a built in DNS security feature to block request from malicious and unwanted destinations before establishing connection	
5.4	Must be a cloud-based, subscription-based security which blocks proliferation of security threats including malware, phishing, cryptomining and Botnet command and control attacks/callbacks, as part of compliance to Republic Act 10175 or the “Cybercrime Prevention Act of 2012”	
5.5	Must be capable of captive portal functionality and redirection to specific site/s, network, or VPN network	
5.6	Must provide a cloud-based, subscription-based child protection system which can block content such as, but not limited to, pornography and proxies in compliance to Republic Act 9775 or the “Anti-Child Pornography Act of 2009”	
5.7	2x2:2 (2.4GHz) + 4x4:4 (5GHz) MU-MIMO 802.11ax	
5.8	3 Gbps* dual-radio aggregate frame rate	
5.9	24x7 real-time WIPS/WIDS, spectrum analytics, and WiFi location tracking via dedicated 3rd radio	
5.10	Integrated Bluetooth Low Energy Beacon	
5.11	Integrated scanning radio	
5.12	Enhanced transmit power and receive sensitivity	
5.13	Integrated enterprise security and guest access	
5.14	Application-aware traffic shaping	
5.15	Optimized for voice and video	
5.16	Self-configuring, plug-and-play deployment	
5.17	Sleek design blends into office environments	
5.18	Full-time Wi-Fi location tracking via dedicated 3rd radio	
5.19	2.4 GHz 802.11b/g/n/ax client access radio 2.4 GHz 802.11b/g/n/ax client access radio 5 GHz 802.11a/n/ac/ax client access radio 2.4 GHz & 5 GHz dual-band WIDS/WIPS, spectrum analysis, & location analytics radio 2.4 GHz Bluetooth Low Energy (BLE) radio with Beacon and BLE scanning support Concurrent operation of all four radios Supported frequency bands (country-specific restrictions apply): <ul style="list-style-type: none"> • 2.412-2.484 GHz • 5.150-5.250 GHz (UNII-1) • 5.250-5.350 GHz (UNII-2) 	

	<ul style="list-style-type: none"> • 5.470-5.600, 5.660-5.725 GHz (UNII-2e) • 5.725 -5.825 GHz (UNII-3) 	
5.20	Internal Antenna (5.1dBi max gain at 2.4 GHz, 5.9dBi max gain at 5 GHz)	
5.21	DL- OFDMA**, UL-OFDMA**, TWT support**, BSS Coloring** 2.4GHz: 2 x 2 multiple input, multiple output (MIMO) with two spatial streams 5GHz: 4 x 4 multiple input, multiple output (MIMO) with four spatial streams SU-MIMO, UL MU-MIMO** and DL MU-MIMO support Maximal ratio combining (MRC) & beamforming 20 and 40 MHz channels (802.11n); 20, 40, and 80 MHz channels (802.11ac Wave 2); 20, 40 and 80 MHz channels (802.11ax) Up to 1024-QAM on both 2.4 GHz & 5 GHz bands Packet aggregation	
5.22	Power over Ethernet: 42.5 - 57 V (802.3at) or 37 - 57 V (802.3af) - low power mode ** Alternative: 12 V DC input Power consumption: 30W max (802.3at) or 15W max (802.3af) - low power mode ** Power over Ethernet injector and DC adapter sold separately	
5.23	In low power mode, MR44 will do the following: <ol style="list-style-type: none"> Downshift its Ethernet uplink speed from 2.5 Gbps to 1 Gbps Transition from 4x4:4 to 2x2:2 in 5GHz Disable its dedicated IoT (previously known as BLE) radio Reduce the max Tx power 	
5.24	1x 100/1000/2.5G BASE-T Ethernet (RJ45) 1x DC power connector (5.5 mm x 2.5 mm, center positive)	
5.25	All standard mounting hardware included Desktop, ceiling, and wall mount capable Ceiling tile rail (9/16, 15/16 or 1 1/2" flush or recessed rails), assorted cable junction boxes Bubble level on the mounting cradle for accurate horizontal wall mounting	
5.26	Two security screw options (included) (13.5 mm long and 2.5 mm diameter and 5 mm head) Kensington lock hard point Concealed mount plate with anti-tamper cable bay	
5.27	Operating temperature: 32 °F to 104 °F (0 °C to 40 °C) Humidity: 5 to 95% non-condensing	
5.28	Mean Time Between Failure (MTBF): 500,000 hours at +25°C operating temperature	
5.29	Integrated Layer 7 firewall with mobile device policy management Real-time WIDS/WIPS with alerting and automatic rogue AP containment with Air Marshal	
5.30	Advanced Power Save (U-APSD) WMM Access Categories with DSCP and 802.1p support Layer 7 application traffic identification and shaping	
5.31	PMK, OKC, & 802.11r for fast Layer 2 roaming Distributed or centralized layer 3 roaming	
5.32	Embedded location analytics reporting and device tracking Global L7 traffic analytics reporting per network, per device, and per	

	application	
	5.33 1 power/booting/firmware upgrade status	
	5.34 RoHS For additional country-specific regulatory information, please contact Meraki sales	
	5.35 Lifetime hardware warranty with advanced replacement included	
	5.36 For the 50 units, 3 years Advanced License and Support	
	5.37 For 108 Units Transceiver: 10GBASE-SR SFP Module, Enterprise-Class	
	5.38 Must be of the same brand as the Core, Distribution, and Access switches and must be on the list of supported transceivers to ensure compatibility and easy troubleshooting	
6	6. <u>Civil Works Implementation</u>	
	6.1 SCOPE OF WORKS:	
	6.1.1 Site inspection, Roughing Ins Layout Inspection, Bending, condition, planning, site-kick off, Mobilization & Implementation	
	6.1.2 Supply, Delivery and Implementation of Copper (Cat6) & Fiber (FOC) Cable Roll-out & Roughing-ins Pulling	
	6.1.3 Supply, Delivery and Installation of Hangers, Catenaries and Supports for Vertical and Horizontal Cable Wire Ways	
	6.1.4 Supply, Delivery and Installation of Telecom Service Loop Cabinet (FTTX, E1/T1, VDSL, CATV) and MDF System Integration	
	6.1.5 Supply, Delivery and Installation of Powder Coated Cable Tray with Cover, Coupling, Grounding and elbow	
	6.1.6 Supply, Delivery and Installation of IDF Racks (Floor: 2, 3, 5 & 6) and MDF Racks at 4/F allocated Server room white space	
	6.1.7 Supply, Delivery and Installation of Copper and Fiber disconnection devices and modules	
	6.1.8 Supply, Delivery and Termination of End-to-end wiring building block and modules in compliance with ANSI TIA568B Standards	
	6.1.9 Harnessing, Grooming and Housekeeping for Cabling Infrastructure and Distribution	
	6.1.10 Project Management, Supervision, and Timely coordination and Progress reporting to over all PM/Gencon	
	6.1.11 Provide Fluke Networks Certifying Testing Reports for each node for PASS/FAIL results with Soft & Hard Copy Test Results	
	6.1.12 Live Data Comm Network Infra Testing for IP Devices management access, WoL, Ping of Devices, VLAN Tunneling and other protocols	
6.1.13 Provide Detailed As-Built Plan, Programming and Configurations Scripts and System Architecture for Operable proof		

	<p>6.1.14 Acceptance, Turnover & Conduct Technical Training & Knowledge Transfer to a designated Engr's/IT personnel of the Company</p>	
	<p>6.2 BILL OF QUANTITY:</p> <ul style="list-style-type: none"> • <u>ICT INFRA PASSIVE COMPONENTS</u> <ul style="list-style-type: none"> ○ 13 rolls - Category 6 U/UTP Installation Cable, Blue, Branded ○ 42 pcs - Category 6 Unshielded Navigator, Dual Type IDC, White pc ○ 42 pcs - Category 6 Faceplate, Integral molding, w/o icon, 1-Port, white ○ 42 pcs - Amco Box ○ 11 units - Category 6 Unshielded Patch Panel, Dual Type IDC, 24 Ports ○ 11 units - 19" 1U, Cable Management Plastic Holder Type, Black ○ 42 units - Category 6/UTP Patch Cord, 30AWG(Blue), 1M ○ 42 units - Category 6/UTP Patch Cord, 30AWG(Blue), 2mtrs • <u>INTERMEDIATE DISTRIBUTION FRAME (IDF)</u> <ul style="list-style-type: none"> ○ 2 racks - Wall Mount IDF Cabinet, height 2f, Closed type, black ○ 2 units - IDF cooling fan, with three pins German-plug type, 1wire/2fans (cable length, 2M) ○ 2 units - IDF Power distribution units w/ aluminum body, European type, 6 outlets, w/ surge protector, w/ LED switch (1.5U) • <u>INTERMEDIATE DISTRIBUTION FRAME (IDF)</u> <ul style="list-style-type: none"> ○ 500 meters - 8-Core FOC CABLES, OUTDOOR SM, FIG.8 • <u>INDOOR FOC SYSTEM</u> <ul style="list-style-type: none"> ○ 1500 meters - 8-Core FOC CABLES, INDOOR/OUTDOOR SM ○ 29 units - Fiber Optic Patch Panel (MAIN BODY, BLACK), Loaded ○ 60 units - SC/PC Duplex MM Adapter w/ zirconia Sleeve ○ 240 pcs - Fiber optic pigtail SM, 1m ○ 28 pcs - SC/UPC-LC/UPC Duplex SM, 3M ○ 240 cores - FIBER FUSION TERMINATIONS ○ 1 lot - FOC OTDR TESTING, REPORTS & DOCUMENTATION • <u>(V&H) CABLE PATHWAYS, CATENARIES, HANGERS, SUPPORTS & CONSOLIDATION ENCLOSURES</u> <ul style="list-style-type: none"> ○ 1 lot - V-H Powder Coated Cable Pathways, Cover, Coupling, Elbows, Reducer, WM Bracket, H-Supports, F-Conduit and Accessories ○ 1 lot - V-H Consolidated Enclosures (Indoor & Outdoor) ○ 1 lot - Telecom Conduits, Catenaries, Hangers & Supports ○ 1 lot - Fabrication of Cable Ladder & Floor Mounting Pad Enclosures • <u>ENGINEERING & LABOR</u> <ul style="list-style-type: none"> ○ 1 lot - Labor Installation, Commisioning & Testing 	

<p>Bidder Certification/s:</p> <ol style="list-style-type: none"> 1. Bidder must be an authorized partner/reseller of the brand being offered for a minimum of at least 5years. 2. Bidder must submit associate certification/s for one (1) network & one (1) wireless issued by the principal or manufacturer of the brand being offered. 3. Bidder must conduct internal training with the Department of Agrarian Reform - IT Team. 	
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We commit to deliver the goods under the new packaging and consistent with the physical appearance and color of the sample submitted as required by the Procurement Service.

I hereby certify that the statement of compliance to the foregoing technical specifications are true and correct, otherwise, if found to be false either during bid evaluation or post-qualification, the same shall give rise to automatic disqualification of our bid.

Name of Company	Signature Over Printed Name of Authorized Representative	Date
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** [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.]*

***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);
or
- (b) Registration certificate from Securities and Exchange Commission (SEC), Department of Trade and Industry (DTI) for sole proprietorship, or Cooperative Development Authority (CDA) for cooperatives or its equivalent document,
and
- (c) Mayor’s or 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;
and
- (d) Tax clearance per E.O. No. 398, s. 2005, as finally reviewed and approved by the Bureau of Internal Revenue (BIR).

Technical Documents

- (e) 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; **and**
- (f) Statement of the bidder’s Single Largest Completed Contract (SLCC) similar to the contract to be bid, except under conditions provided for in Sections 23.4.1.3 and 23.4.2.4 of the 2016 revised IRR of RA No. 9184, within the relevant period as provided in the Bidding Documents; **and**
- (g) Original copy of Bid Security. If in the form of a Surety Bond, submit also a certification issued by the Insurance Commission;
or
Original copy of Notarized Bid Securing Declaration; **and**
- (h) Conformity with the Schedule of Requirement and Technical Specifications Forms, which may include production/**delivery schedule**, manpower requirements, and/or after-sales/parts, if applicable; **and**
- (i) Original duly signed Omnibus Sworn Statement (OSS);
and if applicable, Original Notarized Secretary’s Certificate in case of a corporation, partnership, or cooperative; or Original Special Power of Attorney of all members of the joint venture giving full power and authority to its officer to sign the OSS and do acts to represent the Bidder.

Financial Documents

- (j) The Supplier's audited financial statements, showing, among others, the Supplier's total and current assets and liabilities, stamped "received" by the BIR or its duly accredited and authorized institutions, for the preceding calendar year which should not be earlier than two (2) years from the date of bid submission; **and**
- (k) The prospective bidder's computation of Net Financial Contracting Capacity (NFCC) which must be at least equal to the ABC to be bid, calculated as follows:

NFCC = [(Current assets minus current liabilities) (15)] minus the value of all outstanding or uncompleted portions of the projects under ongoing contracts, including awarded contracts yet to be started, coinciding with the contract to be bid.

or

A committed Line of Credit from a Universal or Commercial Bank in lieu of its NFCC computation.

If the prospective bidder opts to submit a committed Line of Credit, it must be at least equal to ten percent (10%) of the ABC to be bid. If issued by a foreign universal or commercial bank, it shall be confirmed or authenticated by a local universal or commercial bank.

Class "B" Documents

- (l) If applicable, a duly signed joint venture agreement (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; **and**
- (b) Original of duly signed and accomplished Price Schedule(s).

Bid Form

Date: _____
 Invitation to Bid No: **PB No. 21-131-10**

To: **DBM-PS BAC X Chairperson**
Procurement Service
PS Complex, RR Road
Cristobal St., Paco, Manila

Gentlemen and/or Ladies:

Having examined the Bidding Documents including Bid Bulletin Numbers [____], the receipt of which is hereby duly acknowledged, we, the undersigned, offer to ***Upgrading of Local Area Network (LAN) – Various IT Equipment for the Department of Agrarian Reform (DAR) Central Office*** in conformity with the said Bidding Documents.

Lot No.	Item No.	Qty.	Item / Description	Unit Price	Total Amount
1	1	3 unit/s	Core Switch 40-Port 10Gig switch with accessories, 3 years license and support		
	2	4 unit/s	Core Switch 16-port 10Gig switch with accessories, 3 years license and support		
	3	15 unit/s	LAN Switch 48-port 10Gig 12xmGig, 36x1G,4x10G PoE+ with accessories, 3 years license and support		
	4	4 unit/s	PoE+ with accessories, 3 years license and support		
	5	50 unit/s	WIFI 6 Indoor AP with accessories, 3 years license and support		

	6	1 unit/s	Civil Works and Implementation		
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Note: For purposes of Bid Evaluation, bidders are advised to use two (2) decimal places in setting up their bid prices.

TOTAL PRICE IN WORDS:

Lot 1: _____

We undertake, if our Bid is accepted, to deliver the goods in accordance with the delivery schedule specified in the Section VI. Schedule of Requirements.

If our Bid is accepted, we undertake to provide a performance security in the form, amounts, and within the times specified in the Bidding Documents.

We agree to abide by this Bid for the Bid Validity Period specified in BDS provision for **ITB Clause 14.2** and it shall remain binding upon us and may be accepted at any time before the expiration of that period.

Until a formal Contract is prepared and executed, this Bid, together with your written acceptance thereof and your Notice to Execute Framework Agreement (NEFA), shall be binding upon us.

We understand that you are not bound to accept the Lowest Calculated Bid or any Bid you may receive.

We certify/confirm that we comply with the eligibility requirements as per **ITB Clause 5** of the Bidding Documents.

I/We likewise certify/confirm that the undersigned, *[for sole proprietorships, insert]*: as the owner and sole proprietor or authorized representative of *[Name of Bidder]*, has the full power and authority to participate, submit the bid, and to sign and execute the ensuing contract, on the latter's behalf for the ***Upgrading of Local Area Network (LAN) – Various IT Equipment for the Department of Agrarian Reform (DAR) Central Office.***

Or;

I/We likewise certify/confirm that the undersigned, *[for partnerships, corporations, cooperatives, or joint ventures, insert]*: is granted full power and authority by the *[Name of Bidder]*, to participate, submit the bid and to sign and execute the ensuing contract on the latter's behalf for ***Upgrading of Local Area Network (LAN) – Various IT Equipment for the Department of Agrarian Reform (DAR) Central Office.***

We acknowledge that failure to sign each and every page of this Bid Form, including the attached Schedule of Prices, shall be a ground for the rejection of our bid.

Dated this _____ day of _____ 20_____.

[signature]

[in the capacity of]

Duly authorized to sign Bid for and on behalf of _____

Schedule of Prices for Goods Offered From Abroad

Name of Bidder: _____

PB No. **21-131-10** Page ___ of ___

1	2	3	4	5	6	7	8	9
Item	Description	Country of origin	Quantity	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. 4 x 5)	Unit Price Delivered Duty Unpaid (DDU)	Unit price Delivered Duty Paid (DDP)	Total Price delivered DDP (col 4 x 8)

[signature]

[in the capacity of]

Duly authorized to sign Bid for and on behalf of _____

Schedule of Prices for Goods Offered From Within the Philippines

Name of Bidder: _____

PB No. **21-131-10** Page ___ of ___

1	2	3	4	5	6	7	8	9	10
Item	Description	Country of origin	Quantity	Unit price EXWper item	Transportation and Insurance 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	Total Price, per unit (col 5+6+7+8)	Total Price delivered Final Destination (col 9) x (col 4)

[signature]

[in the capacity of]

Duly authorized to sign Bid for and on behalf of _____

Omnibus Sworn Statement (Revised)

[shall be submitted with the Bid]

REPUBLIC OF THE PHILIPPINES)
CITY/MUNICIPALITY OF _____) S.S.

AFFIDAVIT

I, [Name of Affiant], of legal age, [Civil Status], [Nationality], and residing at [Address of Affiant], after having been duly sworn in accordance with law, do hereby depose and state that:

1. *[Select one, delete the other:]*

[If a sole proprietorship:] I am the sole proprietor or authorized representative of [Name of Bidder] with office address at [address of Bidder];

[If a partnership, corporation, cooperative, or joint venture:] I am the duly authorized and designated representative of [Name of Bidder] with office address at [address of Bidder];

2. *[Select one, delete the other:]*

[If a sole proprietorship:] As the owner and sole proprietor, or authorized representative of [Name of Bidder], I have full power and authority to do, execute and perform any and all acts necessary to participate, submit the bid, and to sign and execute the ensuing contract for [Name of the Project] of the [Name of the Procuring Entity], as shown in the attached duly notarized Special Power of Attorney;

[If a partnership, corporation, cooperative, or joint venture:] I am granted full power and authority to do, execute and perform any and all acts necessary to participate, submit the bid, and to sign and execute the ensuing contract for [Name of the Project] of the [Name of the Procuring Entity], as shown in the attached [state title of attached document showing proof of authorization (e.g., duly notarized Secretary’s Certificate, Board/Partnership Resolution, or Special Power of Attorney, whichever is applicable)];

3. [Name of Bidder] is not “blacklisted” or barred from bidding by the Government of the Philippines or any of its agencies, offices, corporations, or Local Government Units, foreign government/foreign or international financing institution whose blacklisting rules have been recognized by the Government Procurement Policy Board, **by itself or by relation, membership, association, affiliation, or controlling interest with another blacklisted person or entity as defined and provided for in the Uniform Guidelines**

on Blacklisting;

4. Each of the documents submitted in satisfaction of the bidding requirements is an authentic copy of the original, complete, and all statements and information provided therein are true and correct;
5. [Name of Bidder] is authorizing the Head of the Procuring Entity or its duly authorized representative(s) to verify all the documents submitted;
6. *[Select one, delete the rest:]*

[If a sole proprietorship:] The owner or sole proprietor is not related to the Head of the Procuring Entity, members of the Bids and Awards Committee (BAC), the Technical Working Group, and the BAC Secretariat, the head of the Project Management Office or the end-user unit, and the project consultants by consanguinity or affinity up to the third civil degree;

[If a partnership or cooperative:] None of the officers and members of [Name of Bidder] is related to the Head of the Procuring Entity, members of the Bids and Awards Committee (BAC), the Technical Working Group, and the BAC Secretariat, the head of the Project Management Office or the end-user unit, and the project consultants by consanguinity or affinity up to the third civil degree;

[If a corporation or joint venture:] None of the officers, directors, and controlling stockholders of [Name of Bidder] is related to the Head of the Procuring Entity, members of the Bids and Awards Committee (BAC), the Technical Working Group, and the BAC Secretariat, the head of the Project Management Office or the end-user unit, and the project consultants by consanguinity or affinity up to the third civil degree;

7. [Name of Bidder] complies with existing labor laws and standards;
8. [Name of Bidder] is aware of and has undertaken the responsibilities as a Bidder in compliance with the Philippine Bidding Documents, which includes:
 - a. Carefully examining all of the Bidding Documents;
 - b. Acknowledging all conditions, local or otherwise, affecting the implementation of the Contract;
 - c. Making an estimate of the facilities available and needed for the contract to be bid, if any; and
 - d. Inquiring or securing Supplemental/Bid Bulletin(s) issued for the [Name of the Project].

9. *[Name of Bidder]* did not give or pay directly or indirectly, any commission, amount, fee, or any form of consideration, pecuniary or otherwise, to any person or official, personnel or representative of the government in relation to any procurement project or activity;
10. In case advance payment was made or given, failure to perform or deliver any of the obligations and undertakings in the contract shall be sufficient grounds to constitute criminal liability for Swindling (Estafa) or the commission of fraud with unfaithfulness or abuse of confidence through misappropriating or converting any payment received by a person or entity under an obligation involving the duty to deliver certain goods or services, to the prejudice of the public and the government of the Philippines pursuant to Article 315 of Act No. 3815 s. 1930, as amended, or the Revised Penal Code;
11. *[Name of Bidder]* hereby assigns the following contact number/s and e-mail address/es as the official telephone/fax number and contact reference of the company where the PS BAC and PS notices may be transmitted.

Telephone No/s.: _____
 Fax No/s.: _____
 E-mail Add/s.: _____
 Mobile No.: _____

It is understood that notices/s transmitted in any of the above-stated telephone/fax numbers and/or e-mail address/es are deemed received as of its transmittal and the reckoning period for the reglementary periods stated in the bidding documents and the 2016 revised Implementing Rules and Regulations of Republic Act No. 9184 shall commence from receipt thereof.

IN WITNESS WHEREOF, I have hereunto set my hand this ___ day of ___, 20__ at _____, Philippines.

 Bidder's Representative/Authorized Signatory

SUBSCRIBED AND SWORN to before me this ___ day of [month] [year] at [place of execution], Philippines. Affiant/s known to me, and known to be the same person/s in the exhibited [insert type of government identification card used*], with his/her photograph and signature appearing thereon, with no. _____ issued on _____ at _____.

Witness my hand and seal this ___ day of [month] [year].

NAME OF NOTARY PUBLIC

Serial No. of Commission _____

Notary Public for _____ until _____

Roll of Attorney's No. _____

PTR No. _____ [date issued], [place issued]

IBP No. _____ [date issued], [place issued]

Doc. No. _____

Page No. _____

Book No. _____

Series of _____.

**The identification card shall be at least one of those acceptable proofs of identity as identified under the provisions of the 2004 Rules on Notarial Practice.*

“Sec. 12. Competent Evidence of Identity – The phrase “competent evidence of identity” refers to the identification of an individual based on:

At least one current identification document issued by an official agency bearing the photograph and signature of the individual, such as but not limited to, passport, driver’s license, Professional Regulations Commission ID, National Bureau of Investigation clearance, police clearance, postal ID, voter’s ID, Barangay certification, Government Service and Insurance System (GSIS) e-card, Social Security System (SSS) card, Philhealth card, senior citizen card, Overseas Workers Welfare Administration (OWWA) ID, OFW ID, seaman’s book, alien certificate of registration/immigrant certificate of registration, government office ID, certification from the National Council for the Welfare of Disabled Persons (NCWDP), Department of Social Welfare and Development (DSWD) certification;

The Board Resolution or Secretary’s Certificate referring to the said Board Resolution designating the bidder’s authorized representative and signatory need not specifically indicate the particular project where such authority is given provided that the said authority covers activities by PS.

Statement of Single Largest Completed Contract Similar to the Contract to be Bid

This is to certify that _____ (company) _____ has the following completed contracts for the past *five (5) years*.

Date of the Contract	Contracting Party	Name of Contract	Kind of Goods Sold	Amount of Contract	Date of Delivery/ End-user's Acceptance	Date of Official Receipt	Bidder is A) Manufacturer B) Supplier C) Distributor

Name and Signature of
Authorized Representative

Date

***Instructions:**

- a) Cut-off date as of:
 - (i) **Up to the day before the deadline of** submission of bids.
- b) **In the column under "Dates", indicate the dates of Delivery/ End-user's Acceptance and Official Receipt.**
- c) **"Name of Contract". Indicate here the Nature/ Scope of the Contract for the Procuring Entity to determine the relevance of the entry with the Procurement at hand. Example: "Upgrading of Local Area Network (LAN) – Various IT Equipment for the Department of Agrarian Reform (DAR) Central Office"**

Statement of: (i) Ongoing Contracts and; (ii) Awarded But Not Yet Started Contracts

This is to certify that _____ (company) _____ has the following ongoing and awarded but not yet started contracts:

Date of the Contract	Contracting Party	Name of Contract	Kind of Goods Sold	Amount of Contract	Value of Outstanding Contracts	Bidder is A) Manufacturer B) Supplier C) Distributor

Name and Signature of
Authorized Representative

Date

***Instructions:**

- a) State all ongoing contracts including those awarded but not yet started (government and private contracts which may be similar or not similar to the project called for bidding) as of:
 - i. **The day before the deadline of** submission of bids.
- b) If there is no ongoing contract including awarded but not yet started as of the aforementioned period, state none or equivalent term.
- c) The total amount of the ongoing and awarded but not yet started contracts should be consistent with those used in the Net Financial Contracting Capacity (NFCC) in case an NFCC is submitted as an eligibility document. **“Name of Contract”**. **Indicate here the Nature/ Scope of the Contract for easier tracking of the entries/ representations.** *Example: “Upgrading of Local Area Network (LAN) – Various IT Equipment for the Department of Agrarian Reform (DAR) Central Office”*

JOINT VENTURE AGREEMENT

KNOW ALL MEN BY THESE PRESENTS:

This **JOINT VENTURE AGREEMENT** (hereinafter referred to as the "Agreement"), entered into this _____ day of _____ 20__ at _____ City, Philippines by and among:

_____. a domestic corporation duly organized, registered and existing under and by virtue of the laws of the Republic of the Philippines, with office address at _____, represented by its _____, _____, hereinafter referred to as "_____";

- and -

_____. a domestic corporation duly organized, registered and existing under and by virtue of the laws of the Republic of the Philippines, with office address at _____, represented by its _____, _____, hereinafter referred to as "_____";

- and -

_____ a foreign corporation organized and existing under and by virtue of the laws of _____, represented by its _____, _____, hereinafter referred to as "_____";

(Henceforth collectively referred to as the "**Parties**")

WITNESSETH: That

WHEREAS, the Procurement Service (PS) has recently published an Invitation to Apply for Eligibility and to Bid for the Supply and Delivery of _____ for the _____;

WHEREAS, the parties have agreed to pool their resources together to form the "_____ Joint Venture", hereinafter referred to as the Joint Venture, under the laws of the Philippines, for the purpose of participating in the abovementioned procurement of PS-DBM;

NOW, THEREFORE, for and in consideration of the foregoing premises and the covenants hereto set forth, the Parties have agreed as follows:

ARTICLE I
ORGANIZATION OF THE JOINT VENTURE

SECTION 1. Formation – The Parties do hereby agree and bind themselves to establish, form and organize a Joint Venture pursuant to the laws of the Republic of the Philippines, in order for the JV to carry on the purposes and objectives for which it is created;

SECTION 2. Name – The name and style under which the JV shall be conducted is “ _____ ”;

SECTION 3. Principal Place of Business – The JV shall maintain its principal place of business at _____ ;

SECTION 4. Preparation and Documentation – The Parties shall secure and/or execute such certifications, documents, deeds and instruments as may be required by the laws of the Republic of the Philippines for the realization of the JV and in compliance with the Project. Further, they shall do all other acts and things requisite for the continuation of the JV pursuant to applicable laws;

SECTION 5. The Joint Venture shall be represented by the _____ in all biddings, related procurement transactions and other official dealings that it shall enter into with the PS-DBM and third parties, such transactions to include, among others, the submission of eligibility documents, bids, registration documents obtaining bonds, performing the principal contract in the event that the contract is awarded in favor of the Joint Venture, receipt of payment for goods delivered, and similar and related activities.

SECTION 6. The period of the Joint Venture shall begin upon execution of this Agreement and shall continue until the complete performance of its contractual obligations to PS-DBM, as described in Article II hereof, or upon its termination for material breach of any term or condition of this Agreement, by service of a written statement in English on the other Party, not less than 90 days prior to the intended date termination

ARTICLE II
PURPOSE

SECTION 1. The primary purpose of the Joint Venture is to participate in the public bidding to be conducted by the DBM-PS Bids and Awards Committee for the supply and delivery of _____ for the _____ .

SECTION 2. If the above-described contract/s is/are awarded to the Joint Venture, the Joint Venture shall undertake the performance thereof to PS-DBM, and such other incidental activities necessary for the completion of its contractual obligations.

**ARTICLE III
SOLIDARY LIABILITY OF THE PARTIES**

SECTION 1. In the performance of the contract/s that may be awarded to the Joint Venture by the PS-DBM, and all other related activities/obligations, as described in Article II hereof, the Parties bind themselves jointly and solidarily, in the concept of solidarily debtors, subject to the right of reimbursement, as provided in the relevant provisions of the Civil Code of the Philippines.

**ARTICLE IV
CONTRIBUTION AND OTHER ARRANGEMENTS**

SECTION 1. Contribution – The Parties shall contribute the amount of _____ (Php) to support the financial requirements of the Joint Venture, in the following proportion:

A.	-	P	.00
B.	-	<u>P</u>	<u>.00</u>
TOTAL		P	.00

Additional contributions to the Joint Venture shall be made as may be required for contract implementation. In addition, ____ shall contribute any labor and contract management requirements.

SECTION 2. Profit Sharing – The share of the Parties to the JV from any profit derived or obtained from the implementation and execution of the Project shall be distributed pro rata to each, in accordance with the contribution and resources each has provided to the JV;

SECTION 3. Liquidation and Distributions – Any sum remaining after deducting from the total of all moneys or benefits received for the performance of the contract, all costs incurred by the JV after award of the contract for the Project pursuant to the accounting practices established for the JV, shall be distributed in accordance with the relative balances in the accounts of each Party pursuant to Sec.1 of this Article upon completion, final accounting, termination and liquidation of the JV. In the event of liquidation and termination of JV, and after taking into account the shares of the Parties in all income, gain, deductions, expenses, and losses, should the account of a Party contain a negative balance, such Party shall contribute cash to the JV sufficient to restore the said balance to zero;

SECTION 4. Sharing of Burden of a Net Loss – In case a net loss is incurred, additional contributions shall be made by the Parties in accordance with their respective shares.

ARTICLE V
MISCELLANEOUS PROVISIONS

SECTION 1. The provisions of the Instructions to Bidders, Supplemental Bid Bulletin, and other bidding documents issued by the PS-DBM in relation to the contract described in Article II hereof, shall be deemed incorporated in this Agreement and made an integral part thereof.

SECTION 2. This Agreement shall be binding upon and inure to the benefit of the Parties and their respective successors and assigns.

SECTION 3. The Parties herein are duly represented by their authorized officers.

SECTION 4. Governing Law - This Agreement shall be governed by and construed according to the laws of the Republic of the Philippines. Venue of any court action arising from this Agreement shall be exclusively laid before the proper court of the _____, Philippines.

IN WITNESS WHEREOF, the parties have set their hands and affixed their signatures on the date and place first above-stated.

Signed in the Presence of:

ACKNOWLEDGMENT

REPUBLIC OF THE PHILIPPINES)
CITY/MUNICIPALITY OF _____) S.S.
PROVINCE OF (in the case of Municipality)

BEFORE ME, a Notary Public for and in the City/Municipality of ____(indicate also the Province in the case of Municipality____, this _____ day of ____(month & year)____ personally appeared the following:

Name	ID Name, Number and Validity Date
------	-----------------------------------

Known to me and to me known to be the same persons who executed the foregoing instrument and they acknowledge to me that the same is their free and voluntary act and deed and that of the corporation(s) they represent.

This instrument refers to a Joint Venture Agreement consisting of _____ pages, including the page on which this Acknowledgement is written, and signed by the parties and their instrumental witnesses.

WITNESS MY HAND AND NOTARIAL SEAL on the place and on the date first above written.

NAME OF NOTARY PUBLIC

Serial No. of Commission _____

Notary Public for _____ until _____

Roll of Attorneys No. _____

PTR No. __, [date issued], [place issued]

IBP No. __, [date issued], [place issued]

Doc. No. ____

Page No. ____

Book No. ____

Series of ____.

Note:

The identification card shall be at least one of those acceptable proofs of identity as identified under the provisions of the 2004 Rules on Notarial Practice.

“Sec. 12. Competent Evidence of Identity – The phrase “competent evidence of identity” refers to the identification of an individual based on:

At least one current identification document issued by an official agency bearing the photograph and signature of the individual, such as but not limited to, passport, driver’s license, Professional Regulations Commission

ID, National Bureau of Investigation clearance, police clearance, postal ID, voter's ID, Barangay certification, Government Service and Insurance System (GSIS) e-card, Social Security System (SSS) card, Philhealth card, senior citizen card, Overseas Workers Welfare Administration (OWWA) ID, OFW ID, seaman's book, alien certificate of registration/immigrant certificate of registration, government office ID, certification from the National Council for the Welfare of Disabled Persons (NCWDP), Department of Social Welfare and Development (DSWD) certification.

SUPPLIER'S LETTERHEAD

Date

**Chairperson
DBM-PS Bids and Awards Committee X
Paco, Manila**

Dear Sir:

This has reference to Public Bidding No. for _____ (Name of Project) _____.
_____ (Name of Company) _____ respectfully requests for the following:

- () Withdraw of Bid Submissions
- () Refund of Bid Security
(Attached is a photocopy of the Procurement Service Official Receipt)
- () Cancellation of Credit Line Certificate

It is understood that _____ waives its right to file any motion for reconsideration and/or protest in connection with the above-cited Public Bidding Project.

Thank you.

Very truly yours,

Authorized Signatory for the Company

Form of Performance Security (Bank Guarantee)

To : Procurement Service
PS Complex, Cristobal St.,
Paco, Manila

WHEREAS, _____ (*Name and Address of Supplier*) (hereinafter called "the Supplier") has undertaken, in pursuance of Notice toExecuteFrameworkAgreement (NEFA) No. _____ dated _____ to execute (*Name of Contract and Brief Description*) (hereinafter called "the Contract");

AND WHEREAS, it has been stipulated by you in the said Contract that the Supplier shall furnish you with a Bank Guarantee by a recognized bank for the sum specified therein as security for compliance with his obligations in accordance with the Contract;

AND WHEREAS, we have agreed to give the Supplier such a Bank Guarantee;

NOW THEREFORE, we hereby affirm that we are the Guarantor and responsible to you, on behalf of the Supplier, up to a total of [*Amount of Guarantee*] proportions of currencies in which the Contract Price is payable, and we undertake to pay you, upon your first written demand and without cavil or argument, any sum or sums within the limits of [*Amount of Guarantee*] as aforesaid without your needing to prove or to show grounds or reasons for your demand for the sum specified therein.

We hereby waive the necessity of your demanding the said debt from the Supplier before presenting us with the demand.

We further agree that no change or addition to or other modification of the terms of the Contract to be performed thereunder or of any of the Contract documents which may be made between you and the Supplier shall in any way release us from any liability under this guarantee, and we hereby waive notice of any such change, addition or modification.

This guarantee shall be valid until the date of issue of the Final Acceptance [Inspection, & Certification of Acceptance Report(I.C.A.R)].

SIGNATURE AND SEAL OF THE
GUARANTOR

NAME OF BANK

ADDRESS

DATE

BID SECURING DECLARATION FORM

REPUBLIC OF THE PHILIPPINES)
CITY OF _____) S.S.

X-----X

BID SECURING DECLARATION
Invitation to Bid: *Framework Agreement PB No. 21-131-10*

To: ***Procurement Service***
PS Complex, RR Road
Cristobal St., Paco, Manila

I/We, the undersigned, declare that:

1. I/We understand that, according to your conditions, bids must be supported by a Bid Security, which may be in the form of a Bid-Securing Declaration.
2. I/We accept that: (a) I/we will be automatically disqualified from bidding for any contract with any procuring entity for a period of two (2) years upon receipt of your Blacklisting order; and, (b) I/we will pay the applicable fine provided under Section 6 of the Guidelines on the Use of Bid Securing Declaration, within fifteen (15) days from receipt of the written demand by the procuring entity for the commission of acts resulting to the enforcement of the bid securing declaration under Sections 23.1(b), 34.2, 40.1 and 69.1, except 69.1(f), of the IRR of RA 9184; without prejudice to other legal action the government may undertake.
3. I/We understand that this Bid Securing Declaration shall cease to be valid on the following circumstances:
 - (a) Upon expiration of the bid validity period, or any extension thereof pursuant to your request;
 - (b) I am/we are declared ineligible or post-disqualified upon receipt of your notice to such effect, and (i) I/we failed to timely file a request for reconsideration or (ii) I/we filed a waiver to avail of said right;

(c) I am/we are declared the bidder with the Lowest Calculated Responsive Bid, and I/we have furnished the performance security and signed the Contract.

IN WITNESS WHEREOF, I/We have hereunto set my/our hand/s this ____ day of [month] [year] at [place of execution].

[Insert NAME OF BIDDER'S AUTHORIZED REPRESENTATIVE]

[Insert Signatory's Legal Capacity]

Affiant

SUBSCRIBED AND SWORN to before me this ____ day of [month] [year] at [place of execution], Philippines. Affiant/s known to me, and known to be the same person/s in the exhibited [insert type of government identification card used*], with his/her photograph and signature appearing thereon, with no. _____ issued on _____ at _____.

Witness my hand and seal this ____ day of [month] [year].

NAME OF NOTARY PUBLIC

Serial No. of Commission _____

Notary Public for _____ until _____

Roll of Attorney's No. _____

PTR No. _____ [date issued], [place issued]

IBP No. _____ [date issued], [place issued]

Doc. No. _____

Page No. _____

Book No. _____

Series of _____.

**The identification card shall be at least one of those acceptable proofs of identity as identified under the provisions of the 2004 Rules on Notarial Practice.*

"Sec. 12. Competent Evidence of Identity – The phrase "competent evidence of identity" refers to the identification of an individual based on:

At least one current identification document issued by an official agency bearing the photograph and signature of the individual, such as but not limited to, passport, driver's license, Professional Regulations Commission ID, National Bureau of Investigation clearance, police clearance, postal ID, voter's ID, Barangay certification, Government Service and Insurance System (GSIS) e-card, Social Security System (SSS) card, Philhealth card, senior citizen card, Overseas Workers Welfare Administration (OWWA) ID, OFW ID, seaman's book, alien certificate of registration/immigrant certificate of registration, government office ID, certification from the National Council for the Welfare of Disabled Persons (NCWDP), Department of Social Welfare and Development (DSWD) certification

Performance Securing Declaration (Revised)

[if used as an alternative performance security but it is not required to be submitted with the Bid, as it shall be submitted within ten (10) days after receiving the NoticetoExecuteFrameworkAgreement (NEFA)]

REPUBLIC OF THE PHILIPPINES)
CITY OF _____) S.S.

PERFORMANCE SECURING DECLARATION
Invitation to Bid: Framework Agreement PB No. 21-131-10

To: **Procurement Service**
PS Complex, RR Road
Cristobal St., Paco, Manila

I/We, the undersigned, declare that:

1. I/We understand that, according to your conditions, to guarantee the faithful performance by the supplier/distributor/manufacturer/contractor/consultant of its obligations under the Contract, I/we shall submit a Performance Securing Declaration within a maximum period of ten (10) calendar days from the receipt of the Notice toExecuteFrameworkAgreement (NEFA) prior to the signing of the Contract.
2. I/We accept that: I/we will be automatically disqualified from bidding for any procurement contract with any procuring entity for a period of one (1) year for the first offense, or two (2) years **for the second offense**, upon receipt of your Blacklisting Order if I/We have violated my/our obligations under the Contract;
3. I/We understand that this Performance Securing Declaration shall cease to be valid upon:
 - (a) issuance by the Procuring Entity of the Certificate of Final Acceptance, subject to the following conditions:
 - i. Procuring Entity has no claims filed against the contract awardee;
 - ii. It has no claims for labor and materials filed against the contractor; and
 - iii. Other terms of the contract; or
 - (b) replacement by the winning bidder of the submitted PSD with a performance security in any of the prescribed forms under Section 39.2 of the 2016 revised IRR

of RA No. 9184 as required by the end-user.

IN WITNESS WHEREOF, I/We have hereunto set my/our hand/s this ____ day of [month] [year] at [place of execution].

[Insert NAME OF BIDDER'S AUTHORIZED REPRESENTATIVE]

[Insert Signatory's Legal Capacity]

Affiant

SUBSCRIBED AND SWORN to before me this ____ day of [month] [year] at [place of execution], Philippines. Affiant/s known to me, and known to be the same person/s in the exhibited [insert type of government identification card used*], with his/her photograph and signature appearing thereon, with no. _____ issued on _____ at _____.

Witness my hand and seal this ____ day of [month] [year].

NAME OF NOTARY PUBLIC

Serial No. of Commission _____

Notary Public for _____ until _____

Roll of Attorney's No. _____

PTR No. _____ [date issued], [place issued]

IBP No. _____ [date issued], [place issued]

Doc. No. _____

Page No. _____

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Series of _____.

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Contract Agreement Form for the Procurement of Goods (Revised)

[Not required to be submitted with the Bid, but it shall be submitted within ten (10) days after receiving the Notice to Execute Framework Agreement (NEFA)]

CONTRACT AGREEMENT

THIS AGREEMENT made the ____ day of _____ 20____ between [name of PROCURING ENTITY] of the Philippines (hereinafter called “the Entity”) of the one part and [name of Supplier] of [city and country of Supplier] (hereinafter called “the Supplier”) of the other part;

WHEREAS, the Entity invited Bids for certain goods and ancillary services, particularly [brief description of goods and services] and has accepted a Bid by the Supplier for the supply of those goods and services in the sum of [*contract price in words and figures in specified currency*] (hereinafter called “the Contract Price”).

NOW THIS AGREEMENT WITNESSETH AS FOLLOWS:

1. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract referred to.
2. The following documents as required by the 2016 revised Implementing Rules and Regulations of Republic Act No. 9184 shall be deemed to form and be read and construed as integral part of this Agreement, *viz.*:
 - a. Philippine Bidding Documents (PBDs);
 - i. Schedule of Requirements;
 - ii. Technical Specifications;
 - iii. General and Special Conditions of Contract; and
 - iv. Supplemental or Bid Bulletins, if any
 - b. Winning bidder’s bid, including the Eligibility requirements, Technical and Financial Proposals, and all other documents or statements submitted;
 - c. Bid form, including all the documents/statements contained in the Bidder’s bidding envelopes, as annexes, and all other documents submitted (*e.g.*, Bidder’s response to request for clarifications on the bid), including corrections to the bid, if any, resulting from the Procuring Entity’s bid evaluation;
 - d. Performance Security;

- e. Notice to Execute Framework Agreement (NEFA) of Contract; and the Bidder's conforme thereto; and
 - f. Other contract documents that may be required by existing laws and/or the Procuring Entity concerned in the PBDs. **Winning bidder agrees that additional contract documents or information prescribed by the GPPB that are subsequently required for submission after the contract execution, such as the Notice to Proceed, Variation Orders, and Warranty Security, shall likewise form part of the Contract.**
3. In consideration for the sum of *[total contract price in words and figures]* or such other sums as may be ascertained, *[Named of the bidder]* agrees to *[state the object of the contract]* in accordance with his/her/its Bid.
 4. The *[Name of the procuring entity]* agrees to pay the above-mentioned sum in accordance with the terms of the Bidding.

IN WITNESS whereof the parties hereto have caused this Agreement to be executed in accordance with the laws of the Republic of the Philippines on the day and year first above written.

[Insert Name and Signature]

[Insert Name and Signature]

[Insert Signatory's Legal Capacity]

[Insert Signatory's Legal Capacity]

for:

for:

[Insert Procuring Entity]

[Insert Name of Supplier]

ACKNOWLEDGMENT

REPUBLIC OF THE PHILIPPINES)
 CITY/MUNICIPALITY OF _____) S.S.
 PROVINCE OF (in the case of Municipality)

BEFORE ME, a Notary Public for and in the City/Municipality of (indicate also the Province in the case of Municipality), this _____ day of (month & year) personally appeared the following:

Name

ID Name, Number and Validity Date

Known to me and to me known to be the same persons who executed the foregoing instrument and they acknowledge to me that the same is their free and voluntary act and deed and that of the corporation(s) they represent.

This instrument refers to a Joint Venture Agreement consisting of _____ pages, including the page on which this Acknowledgement is written, and signed by the parties and their instrumental witnesses.

WITNESS MY HAND AND NOTARIAL SEAL on the place and on the date first above written.

NAME OF NOTARY PUBLIC

Serial No. of Commission _____

Notary Public for _____ until _____

Roll of Attorneys No. _____

PTR No. __, [date issued], [place issued]

IBP No. __, [date issued], [place issued]

Doc. No. ____

Page No. ____

Book No. ____

Series of ____.

The identification card shall be at least one of those acceptable proofs of identity as identified under the provisions of the 2004 Rules on Notarial Practice.

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At least one current identification document issued by an official agency bearing the photograph and signature of the individual, such as but not limited to, passport, driver’s license, Professional Regulations Commission ID, National Bureau of Investigation clearance, police clearance, postal ID, voter’s ID, Barangay certification, Government Service and Insurance System (GSIS) e-card, Social Security System (SSS) card, Philhealth card, senior citizen card, Overseas Workers Welfare Administration (OWWA) ID, OFW ID, seaman’s book, alien certificate of registration/immigrant certificate of registration, government office ID, certification from the National Council for the Welfare of Disabled Persons (NCWDP), Department of Social Welfare and Development (DSWD) certification

Republic of the Philippines

gppd