



Republic of the Philippines
PROVINCE OF LAUNION
City of San Fernando



Supply, Delivery, Installation, and Commissioning of the LU Peace, Order and Public Safety System

ITB No. 2022-1-16

February 7, 2022

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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



Republic of the Philippines
PROVINCE OF LAUNION
City of San Fernando



INVITATION TO BID FOR THE SUPPLY, DELIVERY, INSTALLATION, AND COMMISSIONING OF THE LU PEACE, ORDER AND PUBLIC SAFETY SYSTEM

1. The **Provincial Government of La Union (PGLU)**, through the **PGLU Annual Budget CY 2022 (General Fund)** intends to apply the sum of **One Hundred Ninety-One Million Nine Hundred Fifty-One Thousand One Hundred Fifty-Two Pesos and Eighty-Five Centavos (₱191,951,152.85)** being the ABC to payments under the contract for **Supply, Delivery, Installation, and Commissioning of the LU Peace, Order and Public Safety System / ITB No. 2022-1-16**. Bids received in excess of the ABC shall be automatically rejected at bid opening.
2. The **PGLU** now invites bids for the above Procurement Project. Delivery of the Goods shall be in accordance with the delivery schedule under Section VI. Bidders should have completed, within three (3) years from the date of submission and receipt of bids, a contract similar to the Project. The description of an eligible bidder is contained in the Bidding Documents, particularly, in Section II (Instructions to Bidders).
3. Bidding will be conducted through open competitive bidding procedures using a non-discretionary “*pass/fail*” criterion as specified in the 2016 revised Implementing Rules and Regulations (IRR) of Republic Act (RA) No. 9184.

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

4. Prospective Bidders may obtain further information from the PGLU and inspect the Bidding Documents at the address given below the following office hours:

8:00 AM to 4:30 PM	Monday to Thursday
8:00 AM to 12:00NN	Friday

5. A complete set of Bidding Documents may be acquired by interested Bidders on **February 7 – March 8, 2022** from the given address and website(s) below and upon payment of the applicable fee for the Bidding Documents, pursuant to the latest Guidelines issued by the GPPB, in the amount of **Fifty Thousand Pesos (₱50,000.00)**. The Procuring Entity shall allow the bidder to present its proof of payment for the fees through the submission of a copy of the official receipt in person, by facsimile, or through electronic means.

6. The **PGLU** will hold a Pre-Bid Conference on **February 15, 2022 at 10:00 a.m. at the BAC Conference Room, Provincial Capitol, City of San Fernando, Province of La Union**, which shall be open to prospective bidders.
7. Bids must be duly received by the BAC Secretariat through manual submission at the office address indicated below on or before **March 8, 2022 at 9:59 a.m.** Late bids shall not be accepted.
8. All Bids must be accompanied by a bid security in any of the acceptable forms and in the amount stated in **ITB** Clause 14.
9. Bid opening shall be on **March 8, 2022 at 10:00 a.m. at the BAC Conference Room, Provincial Capitol, City of San Fernando, Province of La Union**. Bids will be opened in the presence of the bidders' representatives who choose to attend the activity.
10. The **PGLU** reserves the right to reject any and all bids, declare a failure of bidding, or not award the contract at any time prior to contract award in accordance with Sections 35.6 and 41 of the 2016 revised IRR of RA No. 9184, without thereby incurring any liability to the affected bidder or bidders.
11. For further information, please refer to:

PGLU-BAC Secretariat
BAC Office, G/F Provincial Capitol, Brgy. II
City of San Fernando, Province of La Union
Email Add: pglu_bacsu@launion.gov.ph
Telefax No. (072) 242-5550 Loc. 249
12. You may visit the following websites:

For downloading of Bidding Documents: <https://launion.gov.ph/goods-and-services/>

February 7, 2022

SGD.
ENGR. RESSIE A. ESTRELLA
*Chairperson, Bids and Awards
Committee (BAC)*

Section II. Instructions to Bidders

1. Scope of Bid

The Procuring Entity, **Provincial Government of La Union** wishes to receive Bids for the **Supply, Delivery, Installation, and Commissioning of the LU Peace, Order and Public Safety System** with identification number **ITB No. 2022-1-16**.

The Procurement Project (referred to herein as “Project”) is composed of **eighty-one (81) item**, the details of which are described in Section VII (Technical Specifications).

2. Funding Information

2.1. The GOP through the source of funding as indicated below for **CY 2022** in the amount of **One Hundred Ninety-One Million Nine Hundred Fifty-One Thousand One Hundred Fifty-Two Pesos and Eighty-Five Centavos (₱191,951,152.85)**.

2.2. The source of funding is:

a. LGUs, the Annual or Supplemental Budget, as approved by the Sanggunian.

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 limited to those allowed under the rules may participate in this Project.
- 5.3. Pursuant to Section 23.4.1.3 of the 2016 revised IRR of RA No.9184, the Bidder shall have an SLCC that is at least one (1) contract similar to the Project the value of which, adjusted to current prices using the PSA's CPI, must be at least equivalent to:
 - a. For the procurement of Non-expendable Supplies and Services: The Bidder must have completed a single contract that is similar to this Project, equivalent to at least fifty percent (50%) of the ABC.
- 5.4. The Bidders shall comply with the eligibility criteria under Section 23.4.1 of the 2016 IRR of RA No. 9184.

6. Origin of Goods

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

7. Subcontracts

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

The Procuring Entity has prescribed that:

- a. Subcontracting is not allowed.

8. Pre-Bid Conference

The Procuring Entity will hold a pre-bid conference for this Project on the specified date and time and either at its physical address 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 **three (3) years** prior to the deadline for the submission and receipt of bids.
- 10.3. If the eligibility requirements or statements, the bids, and all other documents for submission to the BAC are in foreign language other than English, it must be accompanied by a translation in English, which shall be authenticated by the appropriate Philippine foreign service establishment, post, or the equivalent office having jurisdiction over the foreign bidder's affairs in the Philippines. Similar to the required authentication above, for Contracting Parties to the Apostille Convention, only the translated documents shall be authenticated through an apostille pursuant to GPPB Resolution No. 13-2019 dated 23 May 2019. The English translation shall govern, for purposes of interpretation of the bid.

11. Documents comprising the Bid: Financial Component

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

12. Bid Prices

- 12.1. Prices indicated on the Price Schedule shall be entered separately in the following manner:
 - a. For Goods offered from within the Procuring Entity's country:
 - i. The price of the Goods quoted EXW (ex-works, ex-factory, ex-warehouse, ex-showroom, or off-the-shelf, as applicable);
 - ii. The cost of all customs duties and sales and other taxes already paid or payable;
 - iii. The cost of transportation, insurance, and other costs incidental to delivery of the Goods to their final destination; and
 - iv. The price of other (incidental) services, if any, listed in e.
 - b. For Goods offered from abroad:

- i. Unless otherwise stated in the **BDS**, the price of the Goods shall be quoted delivered duty paid (DDP) with the place of destination in the Philippines as specified in the **BDS**. In quoting the price, the Bidder shall be free to use transportation through carriers registered in any eligible country. Similarly, the Bidder may obtain insurance services from any eligible source country.
- ii. The price of other (incidental) services, if any, as listed in **Section VII (Technical Specifications)**.

13. Bid and Payment Currencies

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

14. Bid Security

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

15. Sealing and Marking of Bids

Each Bidder shall submit two (2) copies of the first and second components of its Bid.

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

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

16. Deadline for Submission of Bids

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

17. Opening and Preliminary Examination of Bids

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

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

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

18. Domestic Preference

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

19. Detailed Evaluation and Comparison of Bids

- 19.1. The Procuring BAC shall immediately conduct a detailed evaluation of all Bids rated "*passed*," using non-discretionary pass/fail criteria. The BAC shall consider the conditions in the evaluation of Bids under Section 32.2 of the 2016 revised IRR of RA No. 9184.
- 19.2. If the Project allows partial bids, bidders may submit a proposal on any of the lots or items, and evaluation will be undertaken on a per lot or item basis, as the case maybe. In this case, the Bid Security as required by **ITB** Clause 15 shall be submitted for each lot or item separately.
- 19.3. The descriptions of the lots or items shall be indicated in **Section VII (Technical Specifications)**, although the ABCs of these lots or items are indicated in the **BDS** for purposes of the NFCC computation pursuant to Section 23.4.2.6 of the 2016 revised IRR of RA No. 9184. The NFCC must be sufficient for the total of the ABCs for all the lots or items participated in by the prospective Bidder.
- 19.4. The Project shall be awarded as follows:

Option 1 – One Project having several items that shall be awarded as one contract.

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

20. Post-Qualification

- 20.1.
- 20.2. Within a non-extendible period of five (5) calendar days from receipt by the Bidder of the notice from the BAC that it submitted the Lowest Calculated Bid, the Bidder shall submit its latest income and business tax returns filed and paid through the BIR Electronic Filing and Payment System (eFPS) and other appropriate licenses and permits required by law and stated in the **BDS**.

21. Signing of the Contract

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

Section III. Bid Data Sheet

Bid Data Sheet

ITB Clause				
5.3	For this purpose, contracts similar to the Project shall be: a. Supply, Delivery, Installation, and Commissioning of Public Safety/Security System or Local Network System/Data Center with Emergency Operations Center; b. Completed within three (3) years prior to the deadline for the submission and receipt of bids.			
7.1	Subcontracting is not allowed.			
12	The price of the Goods shall be quoted DDP within the province of La Union.			
14.1	The bid security shall be in the form of a Bid Securing Declaration, or any of the following forms and amounts: a. The amount of not less than ₱3,839,023.06, if bid security is in cash, cashier's/manager's check, bank draft/guarantee or irrevocable letter of credit; or b. The amount of not less than ₱9,597,557.64 if bid security is in Surety Bond.			
19.3	ITEM #	DESCRIPTION	Total Quantity	ABC (₱)
	1	Bullet Camera with mounting kit	444 units	11,970,240.00
	2	PTZ (Pan, Tilt & Zoom) Camera	30 units	5,307,750.00
	3	PTZ Camera Mounting Kit	30 pcs	134,160.00
	4	Fabricated Camera mounting bracket	249 pcs	871,500.00
	5	Industrial Switch w/ Power Supply	213 units	12,516,945.00
	6	Cable (STP Cat 5e Outdoor)	111 rolls	1,478,742.00
	7	Fiber Optic Cable	16980 meters	4,703,460.00
	8	Pull Box	129 pcs	1,580,250.00
	9	Breaker	129 pcs	101,265.00
	10	Surge Suppressor	124 pcs	284,828.00
	11	Electrical Wire	217 rolls	1,356,250.00
	12	Electrical Tape	150 pcs	6,900.00
	13	Stainless Steel Band	60 rolls	477,900.00
	14	Grounding	121 pcs	189,002.00
	15	UPS	100 units	758,500.00
	16	Fiber Optic patch cord	184 pcs	128,800.00
	17	Pole Clamp & Guy Clamp	723 pcs	564,663.00
	18	SFP Module	120 pcs	297,720.00
19	Ethernet Surge Protector	948 pcs	1,675,116.00	

20	Data Center Equipment Rack with Cable Management	7 units	817,537.00
21	Power Distribution Unit	14 units	330,484.00
22	8 ports KVM Switch (with LCD, Keypad & Touchpad)	2 units	300,066.00
23	Precision Air Conditioning Unit (for Data Center)	2 units	6,925,350.00
24	Fire Suppression System	1 unit	5,809,125.00
25	GenSet with ATS	1 unit	4,983,995.00
26	Data Center Backup UPS	1 unit	4,633,750.00
27	Raised Flooring	1 lot	707,400.00
28	Electrical and Grounding Installation	1 lot	2,269,245.00
29	Biometric Access Control System	4 units	235,900.00
30	Dome Camera	6 units	146,610.00
31	Dome Camera Mounting Kit	6 pcs	7,998.00
32	Core Switch	2 units	373,734.00
33	Edge Switch	10 units	552,700.00
34	Wireless Radio (P2)	7 units	5,250,000.00
35	Panel Antenna	14 units	1,120,000.00
36	RF Cable	28 pcs	560,000.00
37	Lightning Arrester	28 pcs	560,000.00
38	Network Video Recorder (Command Center)	1 unit	321,835.00
39	Network Video Recorder (Towns)	20 units	5,695,300.00
40	Network Video Recorder (Hospital)	6 units	896,760.00
41	Central Backup Recording (with 20 8TB HDD)	3 systems	4,651,866.00
42	Central Backup Recording (Enclosure with 20 8TB HDD)	2 systems	2,081,660.00
43	Video Management Software	1 unit	872,200.00
44	Video Management Software (License for CCTVs)	480 pcs	5,292,000.00
45	Video Management Software (License for Videowall)	1 unit	275,625.00
46	Video Management Software (License for Remote Site)	1 unit	872,200.00
47	Video Management Software (License for Site License)	26 pcs	939,640.00
48	Video Management Server	1 system	1,219,410.00
49	Video Management Backup Server Software	1 system	1,219,410.00

	50	Backup UPS	26 units	2,365,740.00
	51	IP PBX Server (with 3 Year Enterprise Plan)	2 units	595,250.00
	52	IP Phones (Operators)	14 pcs	437,458.00
	53	IP Phones (LGUs, Hospitals and Capitol)	52 pcs	1,196,520.00
	54	Expansion Module	1 pc	11,505.00
	55	Expansion Board (IP PBX Server)	1 pc	71,422.00
	56	IP Paging Server	1 unit	171,740.00
	57	Paging Mic	30 units	1,869,750.00
	58	Mid-span Power over Ethernet (PoE) Injector	130 units	2,319,850.00
	59	Outdoor Horn Speakers w/ Built-in Amplifier	130 units	4,051,450.00
	60	Video Wall Display 55"	18 units	3,468,996.00
	61	Video Wall Mounting Bracket	6 pcs	233,730.00
	62	Video Wall Mounting Frame	18 pcs	486,180.00
	63	Video Wall Decoder	6 units	1,474,800.00
	64	Video Wall Controller Casing	1 pcs	367,120.00
	65	Video Wall Input board	6 systems	781,002.00
	66	Video Wall Output board	5 systems	650,835.00
	67	Video Monitor Display 65" (Towns & Hospitals)	26 units	5,602,220.00
	68	Video Monitor Mounting Kit (Towns & Hospitals)	26 pcs	119,470.00
	69	Desktop PC	36 units	4,410,000.00
	70	Laptop PC	6 units	661,500.00
	71	Desktop UPS	36 units	424,620.00
	72	Operator's Console	10 sets	1,263,750.00
	73	PTZ Joystick (PGLU)	10 pcs	758,250.00
	74	Floor Switch/Network Switch	26 pcs	1,053,650.00
	75	PTZ Joystick (LGUs and District Hospitals)	20 pcs	505,500.00
	76	Labor, Installation, Configuration and Commissioning	1 lot	35,260,480.25
	77	Implementation Services	1 lot	13,764,911.60
	78	Service Vehicle	1 unit	2,300,000.00
	79	Video Management Backup Server Software	1 system	209,830.00
	80	Fiber Box	101 pcs	278,457.00
	81	50 Ft. Steel Pole	5 pcs	459,375.00
		TOTAL		191,951,152.85
20.2	Documents to be required during the Post-Qualification are the following:			
	a) Notarized Certificate of Exclusive or Authorized Distributorship/Dealership of the items to be supplied;			

	<ul style="list-style-type: none"> b) Latest income and business tax returns filed and paid through the BIR Electronic Filing and Payment System (eFPS); c) Company Profile; and d) Brochures from the manufacturer of the items /products offered.
21.1	Required documents relevant to the Project is notarized certificate that the bidder shall provide three (3) years warranty of the equipment, parts and services.

Section IV. General Conditions of Contract

1. Scope of Contract

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

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

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

2. Advance Payment and Terms of Payment

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

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

3. Performance Security

Within ten (10) calendar days from receipt of the Notice of Award by the Bidder from the Procuring Entity but in no case later than 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.

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 specifications at no extra cost to the Procuring Entity in accordance with the Generic Procurement Manual. In addition to tests in the **SCC**, **Section IV (Technical Specifications)** shall specify what inspections and/or tests the Procuring Entity requires, and where they are to be conducted. The Procuring Entity shall notify the Supplier in writing, in a timely manner, of the identity of any representatives retained for these purposes.

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

5. Warranty

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

6. Liability of the Supplier

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

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

Section V. Special Conditions of Contract

Special Conditions of Contract

GCC Clause	
1	<p>Delivery and Documents –</p> <p>For purposes of the Contract, “EXW,” “FOB,” “FCA,” “CIF,” “CIP,” “DDP” and other trade terms used to describe the obligations of the parties shall have the meanings assigned to them by the current edition of INCOTERMS published by the International Chamber of Commerce, Paris. The Delivery terms of this Contract shall be as follows:</p> <p>“The delivery terms applicable to this Contract are delivered at the the Provincial Capitol, Aguila Road, Barangay II, City of San Fernando, La Union. 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 the PGLU Inspection Team, ICTU and PDRMO authorized representatives..</p> <p>Incidental Services –</p> <p>The Supplier is required to provide all of the following services, including additional services, if any, specified in Section VI. Schedule of Requirements:</p>
	<p>a. performance or supervision of on-site assembly and/or start-up of the supplied Goods;</p>
	<p>b. furnishing of tools required for assembly and/or maintenance of the supplied Goods;</p>
	<p>c. furnishing of a detailed operations and maintenance manual for each appropriate unit of the supplied Goods;</p>
	<p>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</p>
	<p>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.</p>
	<p>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.</p>

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 are included in the contract price.

The Supplier shall carry sufficient inventories to assure ex-stock supply of consumable spare parts or components for the Goods for a period of 5 years.

Spare parts or components shall be supplied as promptly as possible, but in any case, within 1 month 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.

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

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

Name of the Procuring Entity

Name of the Supplier

	<p>Contract Description</p> <p>Final Destination</p> <p>Gross weight</p> <p>Any special lifting instructions</p> <p>Any special handling instructions</p> <p>Any relevant HAZCHEM classifications</p>
	<p>A packaging list identifying the contents and quantities of the package is to be placed on an accessible point of the outer packaging if practical. If not practical the packaging list is to be placed inside the outer packaging but outside the secondary packaging.</p> <p>Transportation –</p> <p>Where the Supplier is required under Contract to deliver the Goods CIF, CIP, or DDP, transport of the Goods to the port of destination or such other named place of destination in the Philippines, as shall be specified in this Contract, shall be arranged and paid for by the Supplier, and the cost thereof shall be included in the Contract Price.</p> <p>Where the Supplier is required under this Contract to transport the Goods to a specified place of destination within the Philippines, defined as the Project Site, transport to such place of destination in the Philippines, including insurance and storage, as shall be specified in this Contract, shall be arranged by the Supplier, and related costs shall be included in the contract price.</p>
	<p>Where the Supplier is required under Contract to deliver the Goods CIF, CIP or DDP, Goods are to be transported on carriers of Philippine registry. In the event that no carrier of Philippine registry is available, Goods may be shipped by a carrier which is not of Philippine registry provided that the Supplier obtains and presents to the Procuring Entity certification to this effect from the nearest Philippine consulate to the port of dispatch. In the event that carriers of Philippine registry are available but their schedule delays the Supplier in its performance of this Contract the period from when the Goods were first ready for shipment and the actual date of shipment the period of delay will be considered force majeure.</p> <p>The Procuring Entity accepts no liability for the damage of Goods during transit other than those prescribed by INCOTERMS for DDP deliveries. In the case of Goods supplied from within the Philippines or supplied by domestic Suppliers risk and title will not be deemed to have passed to the Procuring Entity until their receipt and final acceptance at the final destination.</p> <p>Intellectual Property Rights –</p> <p>The Supplier shall indemnify the Procuring Entity against all third-party claims of infringement of patent, trademark, or industrial design rights arising from use of the Goods or any part thereof.</p>

2. The terms of payment shall be **partial payments** shall be as follows:
- 2 a) Per implementation schedule, payment for ICT equipment/supplies will be processed within 30 CD upon delivery and acceptance; and
- b) Payment for labor and implementation services will be processed upon 100% completion per schedule and upon inspection and acceptance.

Implementation phase/schedule and costs are as follows:

Location	Activities	% of Contract Price
Schedule 1		
La Union Peace, Order and Public Safety Building	Command Center	Materials and equipment- 74.85%
	<i>Video Wall Installation</i>	
	Data Center	Labor and implementation services - 25.15%
	<i>Raised Flooring</i>	
	<i>UPS System Installation</i>	Amount: ₱95,402,191.70
	<i>Fire Suppression System Installation</i>	
	<i>Server Rack and Server Installation</i>	
	Genset system Installation	
	Structured Network Cabling	
	Electrical and Grounding Installation	
	Configuration, testing and commissioning	
	Training	
	Delivery of service vehicle for project monitoring	
Schedule 2		
Northern Circuit	Cabling	Materials and equipment- 74.07%
	Installation of pull boxes, switches and electrical components	
	CCTV camera installation and configuration	Labor and implementation services - 25.93%
	Local command center installation and configuration	
	Training	
		Amount: ₱22,118,428.35
Schedule 3		
Central Circuit	Cabling	Materials and equipment- 74.07%
	Installation of pull boxes, switches and electrical components	
	CCTV camera installation and configuration	Labor and implementation services - 25.93%
	Local command center installation and configuration	
	Training	
		Amount: ₱26,702,273.70
Schedule 4		
Central Eastern Circuit	Cabling	Materials and equipment- 74.07%
	Installation of pull boxes, switches and electrical components	
	CCTV camera installation and configuration	Labor and implementation services - 25.93%
	Local command center installation and configuration	
		Amount:

		Training	₱17,654,275.35
	Schedule 5		
	South Circuit	Cabling	Materials and equipment- 74.07%
		Installation of pull boxes, switches and electrical components	
		CCTV camera installation and configuration	Labor and implementation services - 25.93%
		Local command center installation and configuration	
		Training	Amount: ₱18,172,599.75
	Schedule 6		
	South Eastern Circuit	Cabling	Materials and equipment- 74.07%
		Installation of pull boxes, switches and electrical components	
		CCTV camera installation and configuration	Labor and implementation services - 25.93%
		Local command center installation and configuration	
		Training	Amount: ₱18,172,599.75
		Installation of pull boxes, switches and electrical components	
		CCTV camera installation and configuration	
		Local command center installation and configuration	
		Training	
4	The inspection and tests that will be conducted are: <ul style="list-style-type: none">- Completeness of the delivered items as to quantity and specifications; and- Testing for the operability of the system.		

Section VI. Schedule of Requirements

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

Lot Number	Description	Quantity	Unit	Delivered, Weeks/Months
1	Supply, Delivery, Installation, and Commissioning of the LU Peace, Order and Public Safety System	1	lot	Within Eighteen (18) Months from receipt of the Notice to Proceed

Timeline:

		Location/Activity	2022												2023					
			Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	Data Center	Data Center																		
		Cabling and Layout																		
		Raised Flooring																		
		Data Rack/Server Installation																		
		Console and Video Wall Installation																		
2	Northern Circuit	Balaoan Delivery and Installation																		
		Cabling																		
		electrical components																		
		Camera Installation and Configuration																		
		Configuration																		
		Training																		
		Bangar																		
		Luna																		
		Santol																		
		Sudipen																		
BLDH																				
3	Cental Circuit	Bacnotan																		
		San Fernando City																		
		San Gabriel																		
		San Juan																		
		BDH																		
4	Central Eastern Circuit	Bagulin																		
		Bauang																		
		Burgos																		
		Naguilian																		
		NDH																		
5	South Circuit	Agoo																		
		Aringay																		
		Caba																		
		Sto. Tomas																		
		LUMC																		
		CDH																		
6	South Eastern Circuit	Pugo																		
		Rosario																		
		Tubao																		
		Rosario District Hospital																		
7		Testing and Training																		

Section VII. Technical Specifications

Technical Specifications

Item	Specification	Statement of Compliance ¹
A	SCOPE OF WORK	
	<p>The third-party provider/supplier shall be responsible in the establishment of all the necessary components as mentioned under technical specifications. Specifically, it shall perform the following:</p> <p>1. Civil/Architectural Works</p> <ul style="list-style-type: none"> • Supply & Installation of Raised Flooring System inside the Server Room • Supply & Installation of Ramp inside the Server Room for easy transporting of equipment • Supply & Installation of Rubber Insulation under the Raised Flooring • Exclusion/s: Acoustic Ceiling, Doors, LED lightings, Emergency lights <p>2. UPS Installation Works</p> <ul style="list-style-type: none"> • Supply & Installation of Modular UPS • Supply & Installation of Hanger, Bracket and Support for Cable Trays • Supply & Installation of Conduits, Cable tray and Pull Boxes • Supply & Installation of Electrical Cables • Supply & Installation of Panel Boards, Service By-Pass and Enclosed Circuit Breakers • Supply & Installation of Step-Up Transformer • Supply & Installation of Twist-lock (Male & Female) Plugs & Sockets • Supply & Installation of Royal Cord cables • Cable Insulation Resistance Testing • Wiring Termination • Start-up, Testing and Commissioning <p>3. ACU Installation Works</p>	

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

	<ul style="list-style-type: none"> ● Supply & Installation of ACU for Command Center ● Supply & Installation of Hanger, Bracket and Support ● Supply & Installation of In-Door & Out-Door unit pedestal ● Supply & Installation of Refrigerant Pipe ● Supply & Installation of Condensate Line ● Supply & Installation of Humidifier Line ● Supply & Installation of ACU feeder-line and signal/control cable ● Leak Testing ● Vacuum installed Piping System ● Vacuum installed Piping System ● Piping Connection ● Testing & Commissioning <p>4. GenSet Installation Works</p> <ul style="list-style-type: none"> ● Supply & Installation of Diesel Generator and ATS ● Supply & Installation of Conduit roughing-ins and electrical cabling works ● Supply & Installation of Concrete Pad ● Delivery, Hauling, Positioning and Assembly of Generator Set ● Installation of oil trap ● Testing & Commissioning <p>5. Fire Suppression Installation Works</p> <ul style="list-style-type: none"> ● Supply & Installation of Fire Suppression manifold piping system ● Supply & Installation of conduit roughing-ins and cabling works ● Supply & Mounting of Smoke Detector, Manual Release, Bell, Horn, Strobe & other ancillaries ● Supply & Installation of Fire Alarm Control Panel ● System Configuration, Programming, Testing & Commissioning <p>6. Equipment Rack Installation and Inter Cabinet Cabling Works</p> <ul style="list-style-type: none"> ● Supply & Installation of Equipment cabinets/racks ● Supply and Installation of Cable ladder within the Server Room ● Cabling and Termination works on the patch panels within the equipment cabinets ● Cable Testing, Labelling and Documentation ● Laying out and cabling works for PDUs ● Testing and Commissioning <p>7. Video Wall Installation Works at Command Center</p>	
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	<ul style="list-style-type: none"> • Supply & Installation of Video monitors complete with push pull video wall bracket • Supply and Installation of Decoders • Supply and installation of roughing-ins and cabling • Termination, Testing and Documentation of cabling works • Programming & Configuration • Testing and Commissioning <p>8. Biometrics Access Control System Installation Works</p> <ul style="list-style-type: none"> • Supply & Installation of Access Control System for Datacenter and Main Entrance Door • Supply and Installation of conduit roughing-ins and cabling works • Mounting, Termination, configuration of hardware devices • System Configuration, Programming, Testing & Commissioning <p>9. IP PA System</p> <ul style="list-style-type: none"> • Supply and Installation of IP PA System and equipment • Supply of Labor for the installation of IP PA Equipment on poles and areas as required • Set-up, configuration, termination, testing and commissioning of IP PA System 	
B	SYSTEM GENERAL REQUIREMENT	
	<p><u>B.1 TECHNICAL REQUIREMENTS</u></p> <ul style="list-style-type: none"> • The ICT equipment shall be 100% compatible with the PGLU's Wireless Mesh Infrastructure. • Before deployment and turn over to LGUs, there shall be full stress tests to all units from start to end for 3 – 5 consecutive days in full actual operations of PGLU POPS and shall provide test result reports. All bugs, errors, misconfigurations, software problems, incompatibility and down-time connection found in each unit must be fixed, replaced or pulled out. The stress test shall be repeated until no problem has been found on the delivered units. • All software installed shall come with a box, copy of license agreement and serial number. These items shall be turned over to the PGLU. • Provision of 3-year maintenance for the ICT equipment and software, free of charge after the acceptance of the project. 	

	<u>B.2. PROVIDER’S QUALIFICATIONS</u> <ul style="list-style-type: none"> • The provider must have completed at least 1 similar project in supply, delivery, testing and commissioning of a DATA CENTER with Emergency Operations Center within the last 3 years. • Provider must have certified personnel who will undertake the installation of major components such as network cable, server, PACU and stand by genset. • Provider should have been operating in the Philippines for at least five (5) years and is registered with SEC and/or DTL. 	
C	MINIMUM SPECIFICATIONS	
	C.1 CCTV	
1	Bullet Camera with mounting kit - 444 units <ul style="list-style-type: none"> • 8 x Gigabit PoE+ ports • 2 x SFP slots • Supports 100/1000Base-FX fiber SFP modules • PoE power budget: 240W@48VDC or 124W@24VDC • PoE alive check restarts unresponsive PoE powered devices • 20Gbps switching capacity • Hardened IP30 rated metal housing • Includes DIN-rail mounting bracket • Operating temperature range of -40° – 75° C (-40° – 167° F) • Supports LACP, STP/RSTP, VLAN, and IGMP Snooping • IEEE 802.1p QoS with queue scheduling support • Bandwidth control per port • Dual redundant power inputs with overload current protection • Alarm output triggered by power failure • Aluminum alloy material with surface spray treatment • Waterproof design • Color White 	
2	PTZ (Pan, Tilt & Zoom) Camera – 30 units <ul style="list-style-type: none"> • 1/1.8" progressive scan CMOS • Up to 2560 × 1440 resolution • Min. illumination Color: 0.002 Lux @(F1.5, AGC ON)B/W: 0.0002 Lux @(F1.5, AGC ON)0 Lux with IR • 36 × optical zoom, 16 × digital zoom • WDR, 3D DNR, HLC, Smart IR • 24 VAC & Hi-PoE • Up to 200 m IR distance • Support H.265+/H.265 video compression • Deep-learning-based target classification algorithm for auto-tracking 2.0 and perimeter protection 	
3	PTZ Camera Mounting Kit – 30 pcs <ul style="list-style-type: none"> • Vertical Pole Mount Bracket • Color White • Suitable for speed dome pendent mounting • Aluminum& Steel 	
4	Fabricated Camera mounting bracket – 249 pcs <ul style="list-style-type: none"> • Use to mount one surveillance camera; and • Consists of bracket, swivel head, and plate 	
5	Industrial Switch w/ Power Supply – 213 units	

	<ul style="list-style-type: none"> • 8 x Gigabit PoE+ ports • 2 x SFP slots • Supports 100/1000Base-FX fiber SFP modules • PoE power budget: 240W@48VDC or 124W@24VDC • PoE alive check restarts unresponsive PoE powered devices • 20 Gbps switching capacity • Hardened IP30 rated metal housing • Includes DIN-rail mounting bracket • Operating temperature range of -40° – 75° C (-40° – 167° F) • Supports LACP, STP/RSTP, VLAN, and IGMP Snooping • IEEE 802.1p QoS with queue scheduling support • Bandwidth control per port • Dual redundant power inputs with overload current protection • Alarm output triggered by power failure 	
6	<ul style="list-style-type: none"> • Cable (STP Cat 5e Outdoor) – 111 rolls • 4 Pairs Foiled Twisted Pair (FTP) Cable • Conductor Metal: Solid Bare Copper • Color Code: Black • Conductor Diameter: 0.5mm Nominal, 24 AWG • Insulation Diameter: 0.860 Nominal, Insulation Material: HD-PE • Jacket Material: UV PVC • Cable Diameter: 6.5 mm Nominal 	
7	<ul style="list-style-type: none"> • Fiber Optic Cable – 16,980 meters • SC Single Core Cable FTTH Single mode Simplex Cable Patch Cord Optical Fiber Indoor/Outdoor Network Cable 	
8	<ul style="list-style-type: none"> • Pull Box – 129 pcs • 304 Stainless Steel Wall Box, IP66, 150mm x 400 mm x 300 mm 	
9	<ul style="list-style-type: none"> • Breaker – 129 pcs • 2-Pole 10A DIN-Rail Type Circuit Breaker 230/400V 	
10	<ul style="list-style-type: none"> • Surge Suppressor – 124 pcs • 2-Pole 380 VAC, 40kA 	
11	<ul style="list-style-type: none"> • Electrical Wire – 217 rolls • Stranded wire 3.5mm 12/7 (150m) 	
12	<ul style="list-style-type: none"> • Electrical Tape – 150 pcs • Vinyl Electrical Tape 0.16mmx19mmx16m – Black (Big) 	
13	<ul style="list-style-type: none"> • Stainless Steel Band – 60 rolls • Stainless Steel 201 Banding 	
14	<ul style="list-style-type: none"> • Grounding – 121 pcs • Ground Rod 5/8" x 5 feet 	
15	<ul style="list-style-type: none"> • UPS – 100 units • Line-interactive UPS Topology • Automatic Voltage Regulation (AVR) • Generator Compatible • Simulated Sine Wave Output • Overload Protection • Surge and Spike Protection • EMI and RFI Filtration • LED Status Indicator • Configurable Alarm • Tower Form Factor • 1000VA 	
16	<ul style="list-style-type: none"> • Fiber Optic patch cord – 184 pcs • 2M Fiber Optic Cable Jumper Cable 	
17	<ul style="list-style-type: none"> • Pole Clamp & Guy Clamp – 723 pcs 	

	<ul style="list-style-type: none"> • Stainless Steel, telephone pole clamp 	
18	<p>SFP Module – 120 pcs</p> <ul style="list-style-type: none"> • Compliant with IEEE 802.3z Gigabit Ethernet • ANSI Fiber Channel compliant • Small Form-Factor Pluggable (SFP) and Multi-Source Agreement (MSA) compliant • Wide operating temperature range of -40°– 85 °C (-40° – 185 °F) • Supports data rates of up to 1.25Gbps • Transmission distance of up to 10km (6.2 miles) • Low Electromagnetic Interference (EMI) design • Supports 1310nm single-mode network transmissions • Duplex LC optical interface • Low power consumption 	
19	<p>Ethernet Surge Protector – 948 pcs</p> <ul style="list-style-type: none"> • RJ45 Male/Female Connector • Absorbs transient current with response to surge voltage of 100 V/s 1 kV/μs • ESD, IEC 61000-4-2, ±30 kV contact, ±30 kV air • DC spark-over voltage is 90 V @ 100 V/s • Maximum impulse spark-over voltage is 700 V @ 1 kV/μs • Discharge current is 5 kA (8/20μs) • Minimum insulation resistance is 1 G ohm @ 50V • Maximum capacitance is 4 pF @ 1 MHz • Data line protection RJ45 10/100/1000 Ethernet • Maximum suggested cable length is 40 m • Supports POE, IEEE 802af/at • Operating temperature is -40 to 70°C 	
80	<p>Fiber Box – 101 pcs</p> <ul style="list-style-type: none"> • ABS material and Water-proof design for outdoor use • Ready for wall mount - installation kits provided. • Adapter slots used - No screws and tools needed for installing adapters. • Ready for splitters: designed space for adding splitters. • Double-layer design for easier installation and maintenances: • Lower layer for splitters and over length fiber storage. • Upper layer for splicing, cross-connecting and fiber distribution. • Cable fixing units provided for fixing the outdoor optical cable. • Protection Level: IP66. • Accommodates both cable glands as well as tie-wraps • Lock provided for extra security 	
81	<p>50 Ft. Steel Pole – 5 pcs</p> <ul style="list-style-type: none"> • 50FT. Galvanized Steel Pole • Shape: Polygonal or Round • Material: Gr50 Gr65 • Galvanizing: ASTM A123 • Life Time: 50 Years 	
	C.2. DATA CENTER	
20	<p>Data Center Equipment Rack with Cable Management – 7 units</p> <ul style="list-style-type: none"> • 42U 600mm W x 1000mm D x 42RU H, 19" Standard Rack System • 2 x 32Amp Vertical PDU (20 way C13 + 4 way C19) • Bolted frame with 4pcs 19"fpm mounting rail • Swing-out plexiglass door with twist lock handle 	

	<ul style="list-style-type: none"> • Swing-out vented rear door with twist lock handle • Segmented detachable vented side panel with cam lock • Top panel with 4pcs exhaust fan and cable access • Bottom panel with 4pcs caster wheel, leveling feet and covered cable access at front and back • Ring type vertical cable manager • With 28sets of cage nut • Powder coated finish; Black 	
21	<p>Power Distribution Unit – 14 units</p> <ul style="list-style-type: none"> • 42U 600mm W x 1000mm D x 42RU H, 19" Standard Rack System • 2 x 32Amp Vertical PDU (20 way C13 + 4 way C19) • 32Amp • 20 way C13 + 4 way C19 • Black 	
22	<p>8 ports KVM Switch (with LCD, Keypad & Touchpad) – 2 units</p> <ul style="list-style-type: none"> • Exclusive LED illumination light - designed by ATEN to illuminate the keyboard and touchpad to allow visibility in low-light conditions • Integrated KVM console with 17" LED-backlit LCD monitor in a Slideaway™ housing • Available with or without Fingerprint Identification Reader** • Space saving technology - up to two consoles (one bus) control up to 8 computers • Dual Interface - supports computers and console with PS/2 or USB keyboards and mice • LCD module USB port allows each computer to access USB peripherals* • LCD module rotates up to 115 degrees for a more comfortable viewing angle • Multiplatform support – Windows, Linux, Mac, and Sun • Supports multimedia USB keyboards for PC, Mac and Sun • Auto PS/2 and USB interface detection 	
23	<p>Precision Air Conditioning Unit (for Data Center) – 2 units</p> <ul style="list-style-type: none"> • 27.5kW room type, cooling with humidification • Carel controller and condenser included • 380VAC 3-phase 60Hz input 	
24	<p>Fire Suppression System – 1 unit</p> <ul style="list-style-type: none"> • Safe for human occupancy. • Zero Ozone Depletion Potential (ODP) • Discharges in 10 seconds or less to extinguish fires rapidly, minimizing damage to high value assets. • Appears on US Environmental Protection Agency (EPA) Significant New Alternatives Policy (SNAP) list • Designed in accordance with NFPA 2001. • UL Listed and FM Approved engineered systems • Eight nominal cylinder capacities • 22 lbs to 1000 lbs incremental fills • Up to 16 cylinders piloted together in a single arrangement • Three nozzle orientations in seven size options • Custom drill orifices determined by flow calculation • Expansive nozzle area coverages • Pendant or upright nozzle installation • Selector Valve arrangements available • Proprietary Janus Design Suite® Flow Calculation Software 	

	<ul style="list-style-type: none"> • Global distribution supported by experienced fire extinguishing specialists 	
25	Gen Set with ATS – 1 unit <ul style="list-style-type: none"> • Prime Power 230KW/288KVA • Standby Power: 253KW/316KVA • 230V, Phase 3, 60Hz, 722A, 1800rpm • Weight: 3200kg • Dimension: 3200 x 1460 x 2250 MM • Radiator and fan with safety guard • Strong and durable hi-strength base frame • Automatic control panel and electricity output switch cabinet • Float battery charger and solenoid switch as standard supply scope • Built-in shock pad 	
26	Data Center Backup UPS – 1 unit <ul style="list-style-type: none"> • Redundancy at module and system level. • Hot-swappable function ensures uninterrupted operations during maintenance. • Redundant auxiliary power and control circuit ensures higher reliability. • Inbuilt maintenance and static bypass switch • Modular design provides easy maintenance and scalability. • Multi-language LCD display and LED status indicators. • Two smart slots and six programmable dry contact outputs. • Optional external battery cabinet for longer backup time. • Low harmonic distortion (iTHD<3%) optimized generator size to save initial investment • High input and output power factor (I/P pf>0.99; O/P pf up to 0.9) and 94% high efficiency reduce operating costs 	
27	Raised Flooring – 1 lot <ul style="list-style-type: none"> • High Pressure Laminate Raised Flooring F1000 ZT Floor (600 x 600 x 30mm) FFH 400mm 	
28	Electrical and Grounding Installation – 1 lot	
29	Biometric Access Control System – 4 lots <ul style="list-style-type: none"> • Latest Suprema algorithm • 1.2GHz Quad-Core CPU • Up to 150,000 matches per second (genuine) • New advanced LFD (live finger detection) technique • Improved OP5 optical sensor and algorithm • Max. 500k users /1 million text logs • Large memory: 2GB Flash + 256 MB RAM • 2-inch color LCD with intuitive GUI • Full time and attendance functionality • 3 x 4 numeric touch keypad 	
30	Dome Camera – 6 units <ul style="list-style-type: none"> • 1/2.5" Progressive Scan CMOS • 2688× 1520@30fps • 2.8to 12 mm motorized varifocal lens • H.265+, H.265, H.264+, H.264 • 4 Behavior analyses • 120dB WDR • BLC/3D DNR/ROI/HLC • IP66, IK10 • IR range: up to 30 m • Built-in microSD/SDHC/SDXC card slot, up to 128 GB 	

	<ul style="list-style-type: none"> • Color: 0.008 lux @ (F1.2, AGC ON), 0.011 lux @ (F1.4, AGC ON), 0 lux with IR 	
31	<p>Dome Camera Mounting Kit – 6 pcs</p> <ul style="list-style-type: none"> • Aluminum alloy with surface spray treatment • The cap facilitates the installation • Waterproof design 	
	C.3. NETWORK	
32	<p>Core Switch – 2 units</p> <ul style="list-style-type: none"> • 28-Port Gigabit L3 Managed Switch • 24 Gigabit RJ45 Ports, 4 Combo Gigabit SFP Slots, 2 Integrated 10G SFP+ Slots, 2 Optional 10G SFP+ Slots, RJ45 Console Port • One Removable Power Unit • 1U 19-inch Rack Mountable Steel Case • Static Routing/RIP/OSPF/ECMP/VRRP • True Physical Stacking Up to 8 Units • 802.1Q VLAN, QinQ, STP/RSTP/MSTP, PIM SM/PIM-DM, IGMP, IGMP Snooping, 802.1p/DSCP QoS, 802.1x, Radius/Tacacs+ Authentication, ACL, LACP, CLI, SNMP • Dual Image/Configuration 	
33	<p>Edge Switch – 10 units</p> <ul style="list-style-type: none"> • 24-Port Gigabit L2 Managed Switch • 24 Gigabit RJ45 Ports, 4 Gigabit SFP Slots, RJ45/Micro-USB Console Port • 1U 19-inch Rack-mountable Steel Case • Static Routing, OAM, DDM, sFlow, 802.1Q VLAN, QinQ, STP/RSTP/MSTP, IGMP Snooping, 802.1p/DSCP QoS, ACL, 802.1x, Radius/Tacacs+ Authentication, LACP, CLI, SNMP • Dual Image/Configuration • IPv6 	
34	<p>Wireless Radio (P2) – 7 units</p> <p>Hardware</p> <ul style="list-style-type: none"> • Support Point-to-Point and Mesh topologies (Linear Mesh or Daisy chain, Ring Mesh) on the same wireless mesh hardware model • Rugged enclosure for outdoor use – IP66 or better • Support optional surge suppression protection • Support AC or PoE (injector or switch) power supply • LED indicators for power, Ethernet link and radio status • Minimum of two (2) 5GHz radio per equipment • Provide option for setting the country code for local law compliance • Must be FCC certified • Operating temperature -40°C to +60°C • Humidity (non-condensing) 10% to 90% • Maximum gross weight 6 kg • Maximum power consumption 60 watts • Minimum 3-years hardware and software warranty <p>Interchangeable lens with remote focus capability</p> <p>Wireless</p> <ul style="list-style-type: none"> • Must comply with 802.11 standards – a/b/g/n or ac wave 1/2 • Multiple frequency band on the same hardware (5GHz) • Support at least 2x2 MIMO • Transmission power adjustment • User-configurable channel plan • OFDM modulation type 	

	<ul style="list-style-type: none"> • Capable of utilizing channel bandwidths of 20/40 or 80/160 • Minimum of two (2) antenna ports • Supports panel, sector and parabolic antennas <p>Interface</p> <ul style="list-style-type: none"> • Minimum one (1) 10/100/1000 Ethernet port • Have weatherproofing for RJ45 connector • Support access security on Ethernet • Support L2 transparency • Support VLAN trunks • Support STP protocol <p>Performance</p> <ul style="list-style-type: none"> • Support both TCP and UDP traffic • Simultaneous support for video, voice and data traffic • Minimum data rate of 300Mbps • Minimum usable throughput of 150Mbps per link • Support auto-healing technology • Capable of minimum ten (10) hops in linear mesh (daisy chain) or ring mesh <p>Security</p> <ul style="list-style-type: none"> • Security encryption standards support (WPA, AES, etc.) • Over-the-air encryption support • User control and authentication • SSID encryption and security • Support for secure protocols <p>Management</p> <ul style="list-style-type: none"> • Centralized management system of all wireless nodes • Configurable using WebGUI or vendor-supplied Management software • Configurable via secured CLI • Interface for configuration of channels, transmit power, data rate, etc. • Backup and restore of wireless mesh configuration • Provide inventory of all wireless equipment including MAC address, firmware version and location • Provide resource monitoring information of wireless node (CPU, RAM, radio, links, etc.) • Capable of remote and over-the-air firmware upgrade • Supports SNMP • MIB support • Syslog support • Provide alarm and error logs • Supports email notification system for alarms • NTP support <p>Troubleshooting and Maintenance</p> <ul style="list-style-type: none"> • Interference detection and mitigation • Frequency and channel spectrum analysis • Graphical antenna alignment tools • Backup and restore of wireless node configuration • Supports end-to-end performance test tools and equipment 	
35	<p>Panel Antenna – 14 units</p> <ul style="list-style-type: none"> • Panel, sector or parabolic (depending on distance) • Gain of 19dBi – 28dBi or better • Frequency range of 4.9GHz – 5.8GHZ • MIMO Support • Minimum of two (2) N-type ports 	
36	RF Cable – 28 pcs	

	<ul style="list-style-type: none"> • Cables must be brand new. • Must be manufactured by a Manufacturer which is ISO Certified. 	
37	<p>Lightning Arrester – 28 pcs</p> <ul style="list-style-type: none"> • Stainless Steel AISI 316L • Weight: 3kg (maximum) • Certified advance time (ΔT): 15μs • Lightning protection system, ESE • Early streamer emission rod • Direct strikes protection • Peak currents of up to 500,000 amperes at the service entrance • Surge voltage rise times of 50 nanoseconds • Surge energy levels of up to 50,000 joules where local utility is used. • Surge energy levels of up to 2,500 joules where location generation is used. • National Fire Protection Association (NFPA) Standard 780 • Underwriters' Laboratories, Inc. (UL) Standard 96A • Certified according to standard NF C 17-102:2011, UNE 21186:2011 and NP 4426:2013 • With Air Termination rod (Brass) • Weld tablets / starting powder 	
	C.4. CCTV SERVERS	
38	<p>Network Video Recorder (Command Center) – 1 unit</p> <ul style="list-style-type: none"> • Up to 64 channel IP cameras can be connected • Supports decoding H.265+/H.265/H.264+/H.264/MPEG4 video formats • Up to 12 MP high-definition live view, storage and playback • Up to 320 Mbps (or 200 Mbps when RAID is enabled) high incoming bandwidth ensures IP cameras can be connected • 2 HDMI (different source) and 2 VGA (different source) interfaces • 8 HDD can be used for continuous video recording • Compatible with third-party network cameras • Supports some specialist cameras, including people counting camera/ANPR (automatic number plate recognition) camera/fisheye camera • Advanced streaming technology enables smooth live view in poor network conditions • Supports RAID 0, 1, 5, 6, 10 and N+1 hot spare for even more reliable data storage, effectively avoids data loss risks 	
39	<p>Network Video Recorder (Towns) – 20 units</p> <ul style="list-style-type: none"> • Up to 32 channel IP cameras can be connected • Supports decoding H.265+/H.265/H.264+/H.264/MPEG4 video formats • Up to 12 MP high-definition live view, storage and playback • Up to 320 Mbps (or 200 Mbps when RAID is enabled) high incoming bandwidth ensures IP cameras can be connected • 2 HDMI (different source) and 2 VGA (different source) interfaces • 8 HDD can be used for continuous video recording • Compatible with third-party network cameras • Supports some specialist cameras, including people counting camera/ANPR (automatic number plate recognition) camera/fisheye camera 	

	<ul style="list-style-type: none"> • Advanced streaming technology enables smooth live view in poor network conditions • Supports RAID 0, 1, 5, 6, 10 and N+1 hot spare for even more reliable data storage, effectively avoids data loss risks 	
40	<p>Network Video Recorder (Hospital) – 6 units</p> <ul style="list-style-type: none"> • Up to 16 channel IP cameras can be connected • Supports decoding H.265+/H.265/H.264+/H.264/MPEG4 video formats • Up to 12 MP high-definition live view, storage and playback • Up to 256 Mbps (or 200 Mbps when RAID is enabled) high incoming bandwidth ensures IP cameras can be connected • 2 HDMI (different source) and 2 VGA (different source) interfaces • 8 HDD can be used for continuous video recording • Compatible with third-party network cameras • Supports some specialist cameras, including people counting camera/ANPR (automatic number plate recognition) camera/fisheye camera • Advanced streaming technology enables smooth live view in poor network conditions • Supports RAID 0, 1, 5, 6, 10 and N+1 hot spare for even more reliable data storage, effectively avoids data loss risks 	
41	<p>Central Backup Recording (with 20 8TB HDD) – 3 systems</p> <ul style="list-style-type: none"> • Modular and no-cable design. • Dual controller. • Real-time cache. • Optional BBU (Backup Battery Unit). • 64-bit multi-core processor. • PCI-E 2.0 bus. • Four 1000M Ethernet interfaces per controller. • SAS interface for storage enclosure. • High-density chassis. 4U chassis: 24 HDDs. • Detection before operation. • Detection in operation. • Fault repair. • RAID 0, 1, 3, 5, 6, 10, 50. • Global and local hot spare. • Quick RAID building. 	
42	<p>Central Backup Recording – Enclosure – 2 systems</p> <ul style="list-style-type: none"> • Dual controller, enterprise-class SAS enclosure for expanding storage while reducing costs • Supports hot swap HDD, redundant power supply, redundant fan • Mini SAS 3.0 able to transmit four times faster than 12G • Supports cascading expansion and SAS HDD interfaces 	
43	<p>Video Management Software – 1 unit</p> <ul style="list-style-type: none"> • Modern & sleek user Interface for live view and playback • Seamless management of 3000cameras per CMS • Remote Server Manager (RSM) can be added to centrally manage 100k+ cameras • Provides advanced user management, including Active Directory Integration • Includes advanced Event & Alarm management (Video Analytics, POS & more) • Health Monitoring of all connected devices • Provides normal and hot spare installation mode 	

	<ul style="list-style-type: none"> • Provides unified authentication service for clients & servers • Provides centralized management for users, roles, permissions, surveillance devices, and servers • Provides log management • Scalable for medium and large-sized projects • Supports standard ONVIF™ protocol 	
44	Video Management Software (License for CCTVs) – 480 pcs <ul style="list-style-type: none"> • Support CCTV to NVR video feed transmission and video management 	
45	Video Management Software (License for Video Wall) – 1 unit <ul style="list-style-type: none"> • Base license for video wall: Max 32 Decoder and 32 Smart Wall 	
46	Video Management Software (License for Remote Site) – 1 unit <ul style="list-style-type: none"> • Remote site management (RSM) module 	
47	Video Management Software (License for Site License) – 26 pcs <ul style="list-style-type: none"> • Supports NVR to NVR video transmission 	
48	Video Management Server – 1 system <ul style="list-style-type: none"> • Intel® Xeon® SP (4114*2) • 64G DDR4 DIMM • PERC H330 • 1TB 7.2K SATA×2 (RAID-1) • 495W (1+1) • Rack (2U) Chassis depth: 715.5 mm 715.5 × 482 × 86.8 mm (28.2 × 19.0 × 3.4 inch) With package : 960 × 610 × 295 mm (37.8 × 24.0 × 11.6 inch) • iDRAC9, Enterprise • Security bezel • Supported operating systems: Win SVR 2016 global standard system • Record from and Manage up to 256 Cameras • Up to 12MP Recording Resolution 	
49	Video Management Backup Server – 1 system <ul style="list-style-type: none"> • Intel® Xeon® SP (4114*2) • 64G DDR4 DIMM • PERC H330 • 1TB 7.2K SATA×2 (RAID-1) • 495W (1+1) • Rack (2U) Chassis depth: 715.5 mm 715.5 × 482 × 86.8 mm (28.2 × 19.0 × 3.4 inch) With package : 960 × 610 × 295 mm (37.8 × 24.0 × 11.6 inch) • iDRAC9, Enterprise • Security bezel • Supported operating systems: Win SVR 2016 global standard system • Record from and Manage up to 256 Cameras • Up to 12MP Recording Resolution 	
79	Video Management Backup Server Software – 1 system	
50	Backup UPS – 26 units <ul style="list-style-type: none"> • 2KVA/1800W • Input Rated Voltage 100V/110V/115V/120V/127VAC • Voltage Range: (55~145) ±5VAC(60% load); (65~145) ±5VAC(70% load), (75~145) ±5VAC(80% load); (85~145) ±5VAC(100% load), Frequency 45-55Hz±0.5%Hz or 55-65Hz±0.5%Hz (Auto Sensing), Power Factor ≥0.98, Bypass Voltage Range (95~135) ±5VAC 	

	<ul style="list-style-type: none"> • Output Voltage: 100V/110V/115V/120V/127VAC Setting available via LCD 	
	C.5. VOICE	
51	IP PBX Server (with 3 Year Enterprise Plan) – 2 units <ul style="list-style-type: none"> • Users: 300 (up to 500) • Max Concurrent Calls: 30 (up to 120) • Max Analog Ports: 16 • Max BRI Ports: 16 • Max Cellular Ports: 6 • Max E1/T1/J1 Ports: 2 • Expansion Boards: 2*EX30/EX08+1*D30 • External Storage: USB, HDD 	
52	IP Phones (Operators) – 14 pcs <ul style="list-style-type: none"> • 7" 800 x 480-pixel color touch screen with backlight • Opus codec support • Dual USB ports • T4U Auto-P template unified • T4U firmware unified • Up to 16 SIP accounts • Dual-port Gigabit Ethernet • PoE support • Paperless label design • Headset, EHS support • Supports expansion modules • Wall mountable 	
53	IP Phones (LGUs, Hospitals and Capitol) – 52 pcs <ul style="list-style-type: none"> • 4.3" 480 x 272-pixel color display with backlight • Opus codec support • Dual USB ports • Up to 16 SIP accounts • Dual-port Gigabit Ethernet • PoE support • Paperless label design • Headset, EHS support • Supports expansion modules • Wall mountable 	
54	Expansion Module – 1 pc <ul style="list-style-type: none"> • 4.3" 272 x 480-pixel color screen • Color icons for rich visual experience • 20 physical keys on each page with dual-color LEDs • Three independent control keys with illuminated LED for fast switching pages • Supports up to 3 modules daisy chain • Stand with 2 adjustable angles 	
55	Expansion Board (IP PBX Server) – 1 unit <ul style="list-style-type: none"> • 1 onboard E1/T1/PRI port • Can add 2 expansion cards to S100, and 3 to S300 	
56	IP Paging Server – 1 unit <ul style="list-style-type: none"> • One single user interface • Central control • Zone management • Audio content management • Scheduling • Power: 65W, external power adapter • AC Input: 90-264V, 50/60Hz 	

	<ul style="list-style-type: none"> • Connectors: 6 x External USB3.1, Gen1 (2front/4rear), 1 x RJ45 Ethernet, 1 x HDMI 1.4, 1 x Display Port 1.2, 1 x UAJ (Universal Audio Jack), 1 x Audio line out • System size: 5000+ audio devices • Languages: English, Czech • Licenses: Unlimited • Audio streaming: Stereo / mono from 32kbps to 320kbps, unicast or multicast, MPEG-1Audio, Layer 2 (MP2) for internal streaming • Supported protocols: IPv4, HTTP, DNS, NTP, RTP, RTSP, TCP, UDP, DHCP, SIP, mDNS, M3u • Streaming Support: for internet radio by URL 	
57	Paging Mic – 30 units <ul style="list-style-type: none"> • All-in-one microphone console • 12 configurable buttons for 12 zones • Pre-recorded or live announcements • Quick installation with just one network cable (PoE) • Future-proof with openness and integration 	
58	Mid-span Power over Ethernet (PoE) Injector – 130 units <ul style="list-style-type: none"> • PoE Plus • IEEE 8023at Type 2 Class 4 • 55V DC (max 30W) 	
59	Outdoor Horn Speakers w/ Built-in Amplifier – 130 units <ul style="list-style-type: none"> • All-in-one speaker system • Connects to standard network • Simple installation with PoE • Remote health testing • Two input/outputs (GPIO) 	
	C.6. VIDEO DISPLAY (COMMAND CENTER)	
60	Video Wall Display 55" – 18 units <ul style="list-style-type: none"> • Direct-lit LED backlight with uniform brightness and no boundary shadows • 1920 × 1080 resolution, 178° viewing angle • Ultra-narrow 3.5 mm bezel design • Factory calibration for color uniformity • Anti-glare, high definition, high brightness, high color gamut, and vivid images with rich colors • Stable and 24-hour continuous working • Metal casing for preventing from radiation and magnetic & electric field interference • Wall-mount and modular brackets available to meet various installation requirements" 	
61	Video Wall Mounting Bracket – 6 pcs <ul style="list-style-type: none"> • "Modular Frame Bracket for 55"" LCD Screen • Solid Steel structure, Prevent screen bend or twist • Cold-rolled Steel Plate (SPCC)" 	
62	Video Wall Mounting Frame – 18 pcs <ul style="list-style-type: none"> • Solid steel structure, preventing screen bending or twisting • Cold-rolled steel plate (SPCC) • Simple and elegant in design 	
63	Video Wall Decoder – 6 units <ul style="list-style-type: none"> • Provides HDMI (adaptable to DVI-D) and BNC output interfaces. • Up to 4K (3840 × 2160@30Hz) via HDMI output interfaces (only for even interface). • Up to 8-ch decoding at 24 MP resolution. 	

	<ul style="list-style-type: none"> • H.265+/H.265, H.264+/H.264, Hik264, MPEG4 and MJPEG video compression. • PS, RTP, TS, ES, HIK encapsulation formats. • Three encoding levels: baseline, main, and high-profile. • G.722, G711A, G726, G711U, MPEG2-L2, and AAC audio compression. • Two decoding modes: active decoding and passive decoding. • Supports two-way audio via client software. • Remote video files' decoding output. • Supports window opening and window roaming. • Supports multi-screen control with PC installed with RSC server. • Gets stream and decodes via URL and RTSP from encoding devices. • Displays the decoded video stream on the video wall by directly linking cameras or by stream media forwarding. • Configurable LED width and height parameters when the LED is connected. • Regular and irregular virtual screen configurable to display multiple signal sources and get rid of the restriction of physical screen. • Accessible by thermal network camera and you can view the temperature measurement, dynamic fire source detection, ship detection and VCA information in live view and playback. • You can enable or disable the smart information for the thermal network camera. • Remote PTZ control via transparent channel. • Accessible by 2.4 MP DeepinView camera. • Two-way audio. • Port aggregation technology (Ethernet Channel). • You can configure what the video wall shows when decoding ends and streaming fails via the Web browser and client software. 	
64	<p>Video Wall Controller Casing – 1 pc</p> <ul style="list-style-type: none"> • A signal source can be displayed on the $M \times N$ ($M \geq 1, N \geq 1$) display units • Multiple signal sources are supported, including VGA, DVI, HDMI, SDI, YpbPr, DP, HDBaseT. Up to $3840 \times 2160@30$ Hz resolution is supported for HDMI, DP and HDBaseT signal inputs. • Distributed network signal sources configurable to raise the signal source capacity and transmission distance • Live view in the roaming window and live view list • Fluent video output without frame extraction to guarantee the lossless output of 60 frames • An enhanced network decoding board supports H.264 and H.265 compression standard and can display network signal of 2-ch@8.0 MP, 2-ch@6.0 MP, 2-ch@5.0 MP, 8-ch@1080p, 16-ch@720p and 32-ch@D1 and local video files • Auto sub-stream decoding if the output resolution of decoding window is lower than 640×640 • Tile mode available and the video layers can be extended to 8 layers in tile mode • Supports 1/4/9/16 window division modes and full-screen switch of the window. (Unavailable for the LED mode) 	

	<ul style="list-style-type: none"> • The window can be kept sticking on top without being affected by the operations of other windows and kept open without being affected by the scene or plan configuration • Up to 6 image layers can be displayed on one screen, including one virtual LED image layer and a background layer • The LED background color is adjustable. The resolution of background layer is up to 8192×8192 • The tile mode can be saved in the scene • Video wall mirror configurable to mirror the content of one video wall area to another area • Users have the permission to manage the signal sources and video wall. • Built-in matrix feature for opening a signal source on several windows simultaneously. • Matrix protocol of ZT1.0, ZT2.0, Extron, Creator and HIK_CVBS_96P supported and up to 4 matrixes with maximum 512 input channels of each matrix supported. • Supports crossing-window video roaming. (Unavailable for the tile mode) • Supports adjusting the output to match the virtual output of client software with real output of controller. • Up to 16 devices can be managed and up to 5 virtual video walls can be displayed by a client server. • Remote control via iOS client server, Android client server and IE browser. • Supports opening windows to display video signal, with the window position and size adjustable. • Supports SADP searching active IP address and resetting the password of administrator. • The fan speed of the chassis is self-adaptive to the temperature. • Supports both the LED screen mode with small pixel pitch and the normal screen mode. • Self-adaptive to the configured LED resolution. • Supports custom resolution access of DP, DVI and HDMI signal sources and characters overlap. • Device running status, sub-board status, and fan status can be checked. • Supports remote interaction • Compatible with wireless projection. • 4K outputs support joint display. • Scene switching for local signal sources can be done in seconds without black screens. • Image lossless collecting, transmitting and displaying without color cast, color bleed and word blur. 	
65	<p>Video Wall Input board – 6 systems</p> <ul style="list-style-type: none"> • 4 × HDMI interface • Custom resolution, $1024 \times 768@60\text{Hz}$, $1024 \times 768@75\text{Hz}$, $1280 \times 720@50\text{Hz}$, $1280 \times 720@60\text{Hz}$, $1280 \times 1024@60\text{Hz}$, $1280 \times 1024@75\text{Hz}$, $1366 \times 768@60\text{Hz}$, $1400 \times 1050@60\text{Hz}$, $1600 \times 1200@60\text{Hz}$, $1920 \times 1080@50\text{Hz}$, $1920 \times 1080@60\text{Hz}$, $1920 \times 1200@60\text{Hz}$, $3840 \times 2160@30\text{Hz}$, $4096 \times 2160@30\text{Hz}$ • Only No. 1 and 3 interfaces support $3840 \times 2160@30\text{Hz}$ and $4096 \times 2160@30\text{Hz}$ resolution. • The $4096 \times 2160@30\text{Hz}$ resolution is not supported by EDID, and can only be output by video car 	
66	Video Wall Output board – 5 system	

	<ul style="list-style-type: none"> • 4 × HDMI interface • 1024 × 768@60Hz, 1024 × 768@75Hz, 1360 × 768@60Hz, 1400 × 1050@60Hz, 1920 × 1200@60Hz, 720p@60Hz, 1080p@60Hz • The DVI to HDMI adaptor is required for HDMI output. 	
67	<p>Video Monitor Display 65" (Towns & Hospitals) – 26 units</p> <ul style="list-style-type: none"> • LED-backlit LCD flat panel display • 65" • Digital signage • WebOS • 3840 x 2160 • 4K UHD (2160p) • 225 Max Number of Screens • 3 x HDMI ports • Wi-Fi, LAN, Bluetooth • DVI and Display Port PC Interface • IPS Technology • LED backlight • 16:9 Image Aspect Ratio • 2 USB ports • Standard remote control • Voltage AC 120/230 V (50/60 Hz) • Dimensions (WxDxH) - without stand: 145.86 cm x 4.01 cm x 84.89 cm • 26 kg • ENERGY STAR Qualified 	
68	<p>Video Monitor Mounting Kit (Towns & Hospitals) – 26 pcs</p> <ul style="list-style-type: none"> • Provides low-profile, fingertip tilt • Hinged design reduces packaging material • Wide open wall plate allows for easy cable routing and connection • Glide Lock with Kickstand secures TV to wall plate without tools and includes kickstand for easy cable connection 	
	C.7. OPERATOR (CAPITOL)	
69	<p>Desktop PC – 36 units</p> <ul style="list-style-type: none"> • Intel Core i7-12700F Processor 25M Cache, 3.60-4.90GHz • Intel Motherboard • Nvidia RTX2060 6GB GDDR6 • 2x8GB DDR4 RAM • 24" 144hz FHD Monitor • 1TB NVMe/SSD Storage • 750 Watts PSU 80+ Gold • 24x Multi Format DVDWriter • Mid-Tower ATX Case • USB Keyboard and Mouse • Windows 11 Pro 	
70	<p>Laptop PC – 6 units</p> <ul style="list-style-type: none"> • Intel Core i7-11800H 2.3GHz (24M Cache, up to 4.6 GHz, 8 Cores) Processor • 16GB DDR4 3200 (8GB x2) RAM • 1TB M.2 NVMe PCIe 3.0 SSD • 15.6" FHD (1920 x 1080) • IPS 144Hz Display • NVIDIA GeForce RTX 3060 6GB GDDR6 VRAM • 802.11AX WiFi + BT • Webcam / HDMI Port / SB3.2 Gen 2 Type C Port 	

	<ul style="list-style-type: none"> • Windows 10 	
71	Desktop UPS – 36 units <ul style="list-style-type: none"> • 1000VA • Line-interactive UPS Topology • Automatic Voltage Regulation (AVR) • Generator Compatible • Simulated Sine Wave Output • Overload Protection • Surge and Spike Protection • EMI and RFI Filtration • LED Status Indicator • Configurable Alarm • Tower Form Factor 	
72	Operator's Console – 10 sets <ul style="list-style-type: none"> • Modular type and supports 2-display monitor 	
73	PTZ Joystick (Capitol) – 10 pcs <ul style="list-style-type: none"> • High-performance, full-featured network keyboard • Built-in Android system provides powerful control functions • User friendly touch screen makes operation easy • Flexible configuration via network • Supports various cameras, NVRs and DVRs 	
74	Floor Switch/Network Switch – 26 units <ul style="list-style-type: none"> • 16-Port Gigabit PoE+ Easy Smart Switch • 16 Gigabit RJ45 Ports, 2 SFP Slots, 802.3at/af, 192W PoE Power • 1U 19-inch Rack-mountable Steel Case, MTU/Port/Tag-based VLAN, QoS, IGMP Snooping, Web/Utility Management 	
75	PTZ Joystick (LGUs and District Hospitals) – 20 pcs <ul style="list-style-type: none"> • Full-featured network keyboard • Supports various cameras, NVRs, DVRs and also iVMS 4200 • Flexible 4-axis joystick • Buttons can be used to perform powerful functions • 128 x 64 screen displays all important information 	
76	Labor, Installation, Configuration and Commissioning – 1 lot	
77	Implementation Services – 1 lot	
78	Service Vehicle – 1 unit	
D	PROJECT MANAGEMENT, TRAININGS AND DOCUMENTATION	
	The contractor/supplier shall work closely with PGLU, specifically, the Information and Communications Technology Unit (ICTU) and the Provincial Disaster Risk Reduction and Management Office in the: <ul style="list-style-type: none"> • Installation of the Network Infrastructure. • Maintain Cleanliness, Orderliness and Security of Designated Work Areas. • Update the Provincial Government on the progress of the project by submitting monthly progress reports. • Preparation and Finalization of Implementation Plan and Work Schedule. • Resolve sensitive policy issues and make policy decisions. • Resolve technical issues and make technical decisions. • Provide training of Provincial and Municipal Employees for basic troubleshooting and maintenance. 	

	<ul style="list-style-type: none"> ● Provide manufacturer's support for at least five years on the installed equipment. ● Provide the necessary documentation of the project as specified under this section: <ol style="list-style-type: none"> 1. Installation and Operation Manual 2. Equipment Datasheet 3. Comprehensive plans on: <ol style="list-style-type: none"> a. Data Center; b. Command Center; c. CCTV System; d. Public Address System; e. Telecom System; f. Site Acceptance Test Procedure; g. IP Address list; and h. Other documents which may deem necessary to project. 	
E	WARRANTY AND SUPPORT SERVICES	
	<p><u>E.1 WARRANTY</u></p> <p>Warranty shall commence on the date of the ICTU and PDRMO of the Full Acceptance of the project. The same shall be observed for a period of thirty-six (36) months on both goods and services. During the warranty period, any deliverable accepted shall conform pursuant to the functionalities and specifications indicated under this Section.</p> <p>Within the same warranty period, repair and maintenance of the system shall not impede the totality of the functionalities and operations of the installed systems.</p> <p>Such warranty shall include:</p> <ol style="list-style-type: none"> 1. Three (3) year maintenance for the ICT equipment and software, free of charge after the acceptance of the project. 2. The warranty period shall start upon the final inspection and acceptance of the project. 3. Warranty Certificate from the Manufacturer ensuring that the equipment to be supplied are brand new. 4. Attending and rectifying breakdown as well identifying the reason for breakdown. 5. Replacement of defective/failed parts supplying new spares and bring the systems back to regular and normal conditions. 6. Steps will be taken by the service provider bring back faulty unit back to working condition within the stipulated time under corrective maintenance. <p>All equipment shall be allowed to be repaired at a maximum of three times within the warranty period or it will be replaced by brand new equipment.</p>	
	<p><u>E.2 CORRECTIVE MAINTENANCE</u></p> <p>The service provider shall attend to any complaints relative to all the hardware installed and software that makes the totality of the La Union Peace, Order and Public Safety System of the PGLU within three (3) hour after receiving the complaint.</p> <p>At the outset, the service provider may attempt to resolve the problem and give an immediate update to PGLU. When it is apparent that the problem cannot be resolved, on-site support shall be provided by the service provider.</p>	

	In the event of on-site support, the service provider shall shoulder all the necessary expenses.	
	<u>E.3. TECHNOLOGY TRANSFER</u> The service provider shall provide the required technical training to the staff both from the LGU and the PGLU who shall be responsible for the administration and operation of the Peace and Order System. Likewise, a separate training shall be given to the ICTU for technical administration of the LU POPS before the official project turnover.	

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

- ☐ (f) 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**
- ☐ (g) 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**
- ☐ (h) 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**
- ☐ (i) Conformity with the Technical Specifications, which may include production/delivery schedule, manpower requirements, and/or after-sales/parts, if applicable; **and**
- ☐ (j) 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

- ☐ (k) 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**
- ☐ (l) The prospective bidder’s computation of Net Financial Contracting Capacity (NFCC);
or

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

Class “B” Documents

- ☐ (m) 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.

25 FINANCIAL COMPONENT ENVELOPE

- ☐ (a) Original of duly signed and accomplished Financial Bid Form; **and**
☐ (b) Original of duly signed and accomplished Price Schedule(s).

Section IX. Forms

Bid Form

Date: _____
Project Identification N^o: 2022-1-16

To: Provincial Government of La Union
Provincial Capitol, Brgy. II
City of San Fernando City, La Union

Having examined the Philippine Bidding Documents (PBDs) including the Supplemental or Bid Bulletin Numbers *[insert numbers]*, the receipt of which is hereby duly acknowledged, we, the undersigned, offer to **Supply, Deliver, Install, and Commission the LU Peace, Order and Public Safety System** in conformity with the said PBDs for the sum of *[total Bid amount in words and figures]* or the total calculated bid price, as evaluated and corrected for computational errors, and other bid modifications in accordance with the Price Schedules attached herewith and made part of this Bid. The total bid price includes the cost of all taxes, such as, but not limited to: *[specify the applicable taxes, e.g. (i) value added tax (VAT), (ii) income tax, (iii) local taxes, and (iv) other fiscal levies and duties]*, which are itemized herein or in the Price Schedules,

If our Bid is accepted, we undertake:

- a. to deliver the goods in accordance with the delivery schedule specified in the Schedule of Requirements of the Philippine Bidding Documents (PBDs);
- b. to provide a performance security in the form, amounts, and within the times prescribed in the PBDs;
- c. to abide by the Bid Validity Period specified in the PBDs and it shall remain binding upon us at any time before the expiration of that period.

Commissions or gratuities, if any, paid or to be paid by us to agents relating to this Bid, and to contract execution if we are awarded the contract, are listed below:

Name and address of agent	Amount and Currency	Purpose of Commission or gratuity
_____	_____	_____
_____	_____	_____
_____	_____	_____
(if none, state "None")		

Until a formal Contract is prepared and executed, this Bid, together with your written acceptance thereof and your Notice of Award, 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 pursuant to the PBDs.

The undersigned is authorized to submit the bid on behalf of *[name of the bidder]* as evidenced by the attached *[state the written authority]*.

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.

Name: _____
Legal Capacity: _____
Signature: _____
Duly authorized to sign the
Bid and behalf of: _____
Date: _____

Price Schedule

Name of Bidder _____

Invitation to Bid Number 2022-1-16

Page 1 of 5

1	2	3	4	5	6	7	8	9	10
Item	Description	Country of origin	Quantity	Unit price exw per 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)
1	Bullet Camera with mounting kit		444 units						
2	PTZ (Pan, Tilt & Zoom) Camera		30 units						
3	PTZ Camera Mounting Kit		30 pcs						
4	Fabricated Camera mounting bracket		249 pcs						
5	Industrial Switch w/ Power Supply		213 units						
6	Cable (STP Cat 5e Outdoor)		111 rolls						
7	Fiber Optic Cable		16980 meters						
8	Pull Box		129 pcs						
9	Breaker		129 pcs						
10	Surge Suppressor		124 pcs						
11	Electrical Wire		217 rolls						
12	Electrical Tape		150 pcs						
13	Stainless Steel Band		60 rolls						
14	Grounding		121 pcs						
15	UPS		100 units						
16	Fiber Optic patch cord		184 pcs						
17	Pole Clamp & Guy Clamp		723 pcs						
18	SFP Module		120 pcs						
19	Ethernet Surge Protector		948 pcs						

Name of Bidder_____

Invitation to Bid Number 2022-1-16Page 2 of 5

1	2	3	4	5	6	7	8	9	10
Item	Description	Country of origin	Quantity	Unit price exw per 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)
20	Data Center Equipment Rack with Cable Management		7 units						
21	Power Distribution Unit		14 units						
22	8 ports KVM Switch (with LCD, Keypad & Touchpad)		2 units						
23	Precision Air Conditioning Unit (for Data Center)		2 units						
24	Fire Suppression System		1 unit						
25	GenSet with ATS		1 unit						
26	Data Center Backup UPS		1 unit						
27	Raised Flooring		1 lot						
28	Electrical and Grounding Installation		1 lot						
29	Biometric Access Control System		4 units						
30	Dome Camera		6 units						
31	Dome Camera Mounting Kit		6 pcs						
32	Core Switch		2 units						
33	Edge Switch		10 units						
34	Wireless Radio (P2)		7 units						
35	Panel Antenna		14 units						
36	RF Cable		28 pcs						
37	Lightning Arrester		28 pcs						
38	Network Video Recorder (Command Center)		1 unit						
39	Network Video Recorder (Towns)		20 units						

Name of Bidder_____

Invitation to Bid Number 2022-1-16Page 3 of 5

1	2	3	4	5	6	7	8	9	10
Item	Description	Country of origin	Quantity	Unit price exw per 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)
40	Network Video Recorder (Hospital)		6 units						
41	Central Backup Recording (with 20 8TB HDD)		3 systems						
42	Central Backup Recording (Enclosure with 20 8TB HDD)		2 systems						
43	Video Management Software		1 unit						
44	Video Management Software (License for CCTVs)		480 pcs						
45	Video Management Software (License for Videowall)		1 unit						
46	Video Management Software (License for Remote Site)		1 unit						
47	Video Management Software (License for Site License)		26 pcs						
48	Video Management Server		1 system						
49	Video Management Backup Server Software		1 system						
50	Backup UPS		26 units						
51	IP PBX Server (with 3 Year Enterprise Plan)		2 units						
52	IP Phones (Operators)		14 pcs						
53	IP Phones (LGUs, Hospitals and Capitol)		52 pcs						
54	Expansion Module		1 pc						
55	Expansion Board (IP PBX Server)		1 pc						

Name of Bidder_____

Invitation to Bid Number 2022-1-16Page 4 of 5

1	2	3	4	5	6	7	8	9	10
Item	Description	Country of origin	Quantity	Unit price exw per 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)
56	IP Paging Server		1 unit						
57	Paging Mic		30 units						
58	Mid-span Power over Ethernet (PoE) Injector		130 units						
59	Outdoor Horn Speakers w/ Built-in Amplifier		130 units						
60	Video Wall Display 55"		18 units						
61	Video Wall Mounting Bracket		6 pcs						
62	Video Wall Mounting Frame		18 pcs						
63	Video Wall Decoder		6 units						
64	Video Wall Controller Casing		1 pcs						
65	Video Wall Input board		6 systems						
66	Video Wall Output board		5 systems						
67	Video Monitor Display 65" (Towns & Hospitals)		26 units						
68	Video Monitor Mounting Kit (Towns & Hospitals)		26 pcs						
69	Desktop PC		36 units						
70	Laptop PC		6 units						
71	Desktop UPS		36 units						
72	Operator's Console		10 sets						
73	PTZ Joystick (PGLU)		10 pcs						
74	Floor Switch/Network Switch		26 pcs						

Name of Bidder_____

Invitation to Bid Number 2022-1-16Page 5 of 5

1	2	3	4	5	6	7	8	9	10
Item	Description	Country of origin	Quantity	Unit price exw per 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)
75	PTZ Joystick (LGUs and District Hospitals)		20 pcs						
76	Labor, Installation, Configuration and Commissioning		1 lot						
77	Implementation Services		1 lot						
78	Service Vehicle		1 unit						
79	Video Management Backup Server Software		1 system						
80	Fiber Box		101 pcs						
81	50 Ft. Steel Pole		5 pcs						
	<i>(insert actual brand/model being offered and brochure)</i>								
	T O T A L (in figures)								
	AMOUNT IN WORDS:								

Name:

Legal Capacity:

Signature:

Duly authorized to sign the

Bid and behalf of:

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

BID SECURING DECLARATION
Project Identification No.: 2022-1-16

To: Provincial Government of La Union
Provincial Capitol, Brgy. II
City of San Fernando City, La Union

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 procurement 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 No. 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; and
 - 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 OR ITS AUTHORIZED REPRESENTATIVE]

[Insert signatory's legal capacity]

Affiant

[Jurat]

[Format shall be based on the latest Rules on Notarial Practice]

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.*:

- i. 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
- ii. Winning bidder’s bid, including the Eligibility requirements, Technical and Financial Proposals, and all other documents or statements submitted;

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;

- iii. Performance Security;
 - iv. Notice of Award of Contract; and the Bidder’s conforme thereto; and
 - v. 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.

<i>[Insert Name and Signature]</i>	<i>[Insert Name and Signature]</i>
<i>[Insert Signatory's Legal Capacity]</i> <i>for:</i>	<i>[Insert Signatory's Legal Capacity]</i> <i>for:</i>
<i>[Insert Procuring Entity]</i>	<i>[Insert Name of Supplier]</i>

Acknowledgment

[Format shall be based on the latest Rules on Notarial Practice]

Omnibus Sworn Statement

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 *Supply, Delivery, Installation, and Commissioning of the LU Peace, Order and Public Safety System of the Provincial Government of La Union, 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 *Supply, Delivery, Installation, and Commissioning of the LU Peace, Order and Public Safety System of the Provincial Government of La Union, 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; and
8. *[Name of Bidder]* is aware of and has undertaken the following responsibilities as a Bidder:
 - a) Carefully examine all of the Bidding Documents;
 - b) Acknowledge all conditions, local or otherwise, affecting the implementation of the Contract;
 - c) Made an estimate of the facilities available and needed for the contract to be bid, if any; and
 - d) Inquire or secure 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.

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

<i>[Insert NAME OF BIDDER OR ITS AUTHORIZED REPRESENTATIVE]</i>
<i>[Insert signatory's legal capacity]</i> Affiant

[Jurat]

[Format shall be based on the latest Rules on Notarial Practice]

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

PERFORMANCE SECURING DECLARATION

Invitation to Bid: [Insert Reference Number indicated in the Bidding Documents] To: [Insert name and address of the Procuring Entity]

I/We, the undersigned, declare that:

1. I/We understand that, according to your conditions, to guarantee the faithful performance by the supplier/distributor/manufacture/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 of Award 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].

<i>[Insert NAME OF BIDDER OR ITS AUTHORIZED REPRESENTATIVE]</i>
<i>[Insert signatory's legal capacity]</i> Affiant

[Jurat]

[Format shall be based on the latest Rules on Notarial Practice]

FINANCIAL DOCUMENTS FOR ELIGIBILITY CHECK

- A. Summary of the Applicant Supplier's/Distributor's/Manufacturer's assets and liabilities on the basis of the attached audited financial statement, stamped "RECEIVED" by the Bureau of Internal Revenue or BIR authorized collecting agent, for the immediately preceding year:

		Year 20____
1.	Total Assets	
2.	Current Assets	
3.	Total Liabilities	
4.	Current Liabilities	
5.	Net Worth (1-3)	
6.	Net Working Capital (2-4)	

- B. The **Net Financial Contracting Capacity (NFCC)** based on the above data is computed 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.

NFCC = P _____

Submitted by:

Name of Supplier / Distributor / Manufacturer

Signature of Authorized Representative

Date: _____

**STATEMENT OF ALL ONGOING GOVERNMENT AND PRIVATE CONTRACTS
INCLUDING CONTRACTS AWARDED BUT NOT YET STARTED**

Business Name : _____
Business Address: _____

Name of Contract/Project Cost	a. Owner's Name b. Address c. Telephone Nos.	Nature of Work	Bidder's Role		a. Date Awarded b. Date Started c. Date of Completion	% of Accomplishment		Value of Outstanding Works/Undelivered Portion
			Description	%		Planned	Actual	
<u>Government</u>								
<u>Private</u>								
						Total Cost		

Note: This statement shall be supported with:
1 Notice of Award or Notice to Proceed
2 Contract or Purchase Order issued by the owner

Submitted by : _____
 Designation : _____
 Date : _____

(Print Name and Signature)

**STATEMENT IDENTIFYING BIDDER'S SINGLE LARGEST CONTRACT COMPLETED WITHIN THE YEAR 2019
TO PRESENT WHICH IS SIMILAR IN NATURE**

Business Name : _____
 Business Address: _____

Name of Contract	a. Owner's Name b. Address c. Telephone Nos.	Nature of Work	Bidder's Role		a. Amount at Awarded b. Amount at Completion c. Duration	a. Date Awarded b. Contract Effectivity c. Date Completed
			Description	%		
<u>Government</u>						
<u>Private</u>						
					Total Cost	

Note: This statement shall be supported with:
 1 Contract or Purchase Order
 2 Certificate of Completion or Certificate of Acceptance
 3 Official Receipt/s or Sales Invoice/s

Submitted by : _____
 (Print Name and Signature)
 Designation : _____
 Date : _____

SEALING AND MARKING OF BID ENVELOPES



