

PHILIPPINE BIDDING DOCUMENTS

Rehabilitation and Improvement of DepEd Central Office CCTV System

Government of the Republic of the Philippines



**Information and Communications Technology Service – Technology
Infrastructure Division (ICTS-TID)**

AUGUST 2023

2023c-ICTS3(005)-BII-CB-026

**Sixth Edition
October 2020**

Table of Contents

Glossary of Acronyms, Terms, and Abbreviations	3
Section I. Invitation to Bid.....	6
Section II. Instructions to Bidders	10
1. Scope of Bid	14
2. Funding Information.....	14
3. Bidding Requirements.....	14
4. Corrupt, Fraudulent, Collusive, and Coercive Practices.....	14
5. Eligible Bidders.....	15
6. Origin of Goods	15
7. Subcontracts	15
8. Pre-Bid Conference	15
9. Clarification and Amendment of Bidding Documents	16
10. Documents comprising the Bid: Eligibility and Technical Components	16
11. Documents comprising the Bid: Financial Component	16
12. Bid Prices	16
13. Bid and Payment Currencies	17
14. Bid Security	17
15. Sealing and Marking of Bids	17
16. Deadline for Submission of Bids	18
17. Opening and Preliminary Examination of Bids	18
18. Domestic Preference.....	18
19. Detailed Evaluation and Comparison of Bids	18
20. Post-Qualification	19
21. Signing of the Contract	19
Section III. Bid Data Sheet	20
Section IV. General Conditions of Contract	28
1. Scope of Contract.....	29
2. Advance Payment and Terms of Payment.....	29
3. Performance Security.....	29
4. Inspection and Tests.....	29
5. Warranty	30
6. Liability of the Supplier.....	30
Section V. Special Conditions of Contract	31
Section VI. Schedule of Requirements	39
Section VII. Technical Specifications	50
Section VIII. Checklist of Technical and Financial Documents	160

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.

BDS – Bid Data Sheet.

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])

IB – Invitation to Bid.

ITB – Instruction to Bidders.

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
Department of Education
Procurement Management Service

Bids and Awards Committee II

PROJECT NO.: 2023c-ICTS3(005)-BII-CB-026

INVITATION TO BID

FOR THE

Rehabilitation and Improvement of DepEd Central Office CCTV System

1. The **Department of Education (DepEd)**, through the *Government of the Philippines (GOP) under DCP 2022 Capital Outlay (Continuing Fund)* intends to apply the sum of **Philippine Pesos Thirty-Eight Million, Four Hundred Eighty-Four Thousand, Six Hundred Ninety-Three and 05/100 (Php38,484,693.05)**, being the Approved Budget for the Contract (ABC) to payments under the contract for **Rehabilitation and Improvement of DepEd Central Office CCTV System** details as follows:

LOT NO.	DESCRIPTION	QUANTITIES / UNIT	APPROVED BUDGET FOR THE CONTRACT (ABC) in PhP
1	1. CAMERAS		38,484,693.05
	a. Bullet Perimeter (Outdoor)	25	
	b. Bullet Type Camera (Indoor)	82	
	c. Dome IR Camera	12	
	d. Bullet Face Recognition	2	
	e. Automatic Number Plate Recognition Camera	4	
	f. PTZ Camera	9	
	2. CAMERA MOUNTING AND ACCESSORIES		
	a. Bullet mounting	107	
	b. Dome mounting	12	
	c. Pole bracket	2	
	d. ANPR Pole mounting	4	
	e. PTZ mount	9	
	f. SD Card	132	
	g. Small Form Factor (SFP)	64	
	h. Optical Module	2	
	3. VIDEO RECORDER		
	a. TURBO-RAID System Recorder	2	
	b. HDD Extension	2	
	4. NETWORK SWITCHES		
	a. PoE Switch	16	
	b. Layer 2 Switch	2	
	5. SERVER/LICENSE		
	a. Server	1	
	b. Software	1	
	c. License	132	
d. Vehicle license	1		
6. COMMAND CENTER			
a. Videowall	1		
b. Video Matrix	1		

c. Decoding Card	5	
d. Encoding Card	2	
e. PTZ Controller	1	
f. Monitor Display	2	
g. Videowall Bracket	16	
h. HDMI	16	
i. Cable and Connectors	1	

Bids received in excess of the ABC for the project shall be automatically rejected at bid opening.

2. The **DepEd**, through the **Bids and Awards Committee (BAC) II**, now invites bids for the goods and services contemplated in this project. Expected completion of delivery of the goods and services is specified in **Section VI. Schedule of Requirements** and **Section VII. Technical Specifications** of this bidding document.

Prospective bidder should have completed, within a period of **seven (7) years** immediately preceding the deadline for submission of bids, a Single Largest Completed Contract (SLCC) similar to the contract to be bid and the value of which, adjusted, if necessary, by the Bidder to current prices using the Philippine Statistics Authority's (PSA's) Consumer Price Index (CPI), must be **at least fifty percent (50%)** of the ABC of the lot bid for.

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 **DepEd Procurement Management Service - BAC Secretariat Division (ProcMS-BACSD)** at **Telephone Nos. 8636-6542 or 8633-9343** and inspect the Bidding Documents at the address given below from **Monday to Friday from 8:00am to 5:00pm.**

5. For those who are interested to purchase the Bidding Documents, two (2) options are made available, to wit:

- a. A complete set of Bidding Documents may be acquired by interested Bidders from the **DepEd ProcMS-BACSD, Room M-511, 5th Floor, Mabini Building, DepEd Central Office Complex, Meralco Avenue, Pasig City**, upon accomplishing a bidder's information sheet and payment of a non-refundable fee for the Bidding Documents to the **DepEd Cashier**.

Payment in checks should be made payable to **DECS OSEC Trust.**

- b. Interested Bidders may signify their intent to purchase the Bidding Documents through email at depedcentral.bacsecretariat@deped.gov.ph by accomplishing a bidder's information sheet (**Annex "A"**). Upon receipt

of the bidder's information sheet, the BAC Secretariat Division will send through email the details of the DECS OSEC Trust Fund Account for payment. Upon payment, bidders may send through email the proof of payment before the deadline for submission of bids. Upon receipt of proof of payment, the BAC Secretariat will send the electronic copy of the Bidding Documents.

Amount of Bidding Documents shall be ***Philippine Pesos Twenty-Five Thousand and 00/100 (PhP25,000.00)***.

6. The **DepEd** will hold a Pre-Bid Conference for this Project on **August 9, 2023, 3:00 P.M.** at **Bulwagan ng Karunungan, Ground Floor, Rizal Building, DepEd Complex, Meralco Ave., Pasig City**, which shall be open to prospective bidders.
7. Bids must be duly received by the BAC Secretariat on or before **2:30 P.M. of August 22, 2023** at **Bulwagan ng Karunungan, Ground Floor, Rizal Building, DepEd Complex, Meralco Ave., Pasig City**.

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 Instructions to Bidders (ITB) Clause 14.
9. Bid opening shall be on **August 22, 2023, 3:00 P.M. at Bulwagan ng Karunungan, Ground Floor, Rizal Building, DepEd Complex, Meralco Ave., Pasig City**. Bids will be opened in the presence of the bidders' representatives who choose to attend the activity.

Only **one (1) representative** per bidder will be allowed to enter inside the venue.

For the purpose of constituting a quorum, both the physical and virtual presence of the BAC members shall be considered pursuant to GPPB Resolution No. 09-2020.

10. The **DepEd** 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:

JELLY ANNE THERESE A. DIOSO

Technical Assistant II

Procurement Management Service - BAC Secretariat Division

Rm. M-511, 5th Floor, Mabini Bldg.

DepEd Central Office Complex Meralco Avenue, Pasig City

Telephone Nos. 8636-6542 or 8633-9343

Email address: **depedcentral.bacsecretariat@deped.gov.ph**

12. You may visit the following websites:

For downloading of Bidding Documents:
<https://notices.philgeps.gov.ph/>
<https://www.deped.gov.ph/>

*Date of Issuance of Bidding Documents: **August 2, 2023***

(SGD.)
FRANCIS CESAR B. BRINGAS
Assistant Secretary and Chairperson

Section II. Instructions to Bidders

1. Scope of Bid

The Procuring Entity, **Department of Education (DepEd)**, through its **Information and Communications Technology Service – Technology Infrastructure Division (ICTS-TID)** wishes to receive Bids for the **Rehabilitation and Improvement of DepEd Central Office CCTV System**, with project identification number **2023c-ICTS3(005)-BII-CB-026**.

The Procurement Project (referred to herein as “Project”) is composed of **one (1) Lot**, as described in **Section I (Invitation to Bid)**, **Section VI (Schedule of Requirements)**, and **Section VII (Technical Specifications)**.

2. Funding Information

2.1. The GOP, through the source of funding for **General Appropriations Act (GAA) 2022** in the amount of **Philippine Pesos Thirty-Eight Million, Four Hundred Eighty-Four Thousand, Six Hundred Ninety-Three and 05/100 (Php38,484,693.05)**.

2.2. The source of funding is the **GAA 2022** under **DCP 2022 Capital Outlay (Continuing Fund)**. Pursuant to **NBC No. 590**, the funds for this project shall be valid for release, obligation, and disbursement until **December 31, 2023**, subject to any subsequent issuance to this effect.

3. Bidding Requirements

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

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

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

4. Corrupt, Fraudulent, Collusive, and Coercive Practices

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

5. Eligible Bidders

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

- 5.2. Foreign ownership exceeding those allowed under the rules may participate pursuant to the following:
- i. When a Treaty or International or Executive Agreement as provided in Section 4 of the RA No. 9184 and its 2016 revised IRR allow foreign bidders to participate;
 - ii. Citizens, corporations, or associations of a country, included in the list issued by the GPPB, the laws or regulations of which grant reciprocal rights or privileges to citizens, corporations, or associations of the Philippines;
 - iii. When the Goods sought to be procured are not available from local suppliers; or
 - iv. When there is a need to prevent situations that defeat competition or restrain trade.
- 5.3. Pursuant to Section 23.4.1.3 of the 2016 revised IRR of RA No.9184, the Bidder should have a Single Largest Completed Contract (SLCC) **at least one (1)** contract similar to the project to be bid and the value of which, adjusted, if necessary, by the Bidder to current prices using the Philippine Statistics Authority's (PSA's) consumer price index (CPI), must be **at least fifty percent (50%)** of the ABC of the lot bid for.
- 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

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 and/or through videoconferencing/webcasting as indicated in **paragraph 6** of the **IB**.

9. Clarification and Amendment of Bidding Documents

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

10. Documents comprising the Bid: Eligibility and Technical Components

- 10.1. The first envelope shall contain the eligibility and technical documents of the Bid as specified in **Section VIII (Checklist of Technical and Financial Documents)**.
- 10.2. The Bidder's SLCC as indicated in **ITB** Clause 5.3 should have been completed within a period of **seven (7) 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, as listed in e.
- b. For Goods offered from abroad:
 - i. Unless otherwise stated in the Bid Data Sheet (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 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 not be 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 calendar days** reckoned from the date of the opening of bids. Any Bid not accompanied by an acceptable bid security shall be rejected by the Procuring Entity as non-responsive.

15. Sealing and Marking of Bids

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

The Procuring Entity may request additional hard copies of the Bid and/or electronic copies. **Any discrepancy between the hard/paper copies and the copies contained and as presented in the USB Flash Drive shall be a ground for disqualification.**

16. Deadline for Submission of Bids

16.1. The Bidders shall submit on the specified date and time at its physical address 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 specific time, date, and location mentioned in paragraph 9 of the **IB**. The Bidders' representatives who are present must 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, and evaluation will be undertaken on a per lot basis, as the case may be. In this case, the Bid Security as required by **ITB** Clause 15 shall be submitted for each lot separately.

19.3. The descriptions of the lots shall be indicated in **Section VII (Technical Specifications)**, although the ABC of the lot is 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 ABC for the lot/s participated in by the prospective Bidder.

19.4. The Project shall be awarded as one (1) contract.

19.5. Except for bidders submitting a committed Line of Credit from a Universal or Commercial Bank in lieu of its NFCC computation, all Bids must include the NFCC computation pursuant to Section 23.4.1.4 of the 2016 revised IRR of RA No. 9184, which must be sufficient for the total of the ABC for the lot/s 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 ABC for the lot/s participated in by the prospective Bidder.

20. Post-Qualification

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

21. Signing of the Contract

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

Section III. Bid Data Sheet

Bid Data Sheet

ITB Clause	
5.3	<p>For this purpose, contracts similar to the projects shall be:</p> <p>a. Supply, Delivery, Installation and Commissioning of CCTV Systems</p> <p>b. completed within seven (7) years immediately prior to the deadline for the submission and receipt of bids.</p>
7.1	<p>Subcontract</p> <p>Subcontracting shall NOT be allowed.</p>
9	<p>Request for clarifications must be in writing and submitted at least ten (10) calendar days before the deadline set for the submission and receipt of bids.</p> <p>The Procuring Entity's address is:</p> <p style="padding-left: 40px;">ASec. Francis Cesar B. Bringas <i>Bids and Awards Committee (BAC) II</i> <i>c/o Procurement Management Service-BAC Secretariat Division</i> <i>Rm. M-511, 5th Floor, Mabini Bldg.</i> <i>DepEd Central Office Complex Meralco Avenue, Pasig City</i> <i>Telephone Nos. 8636-6542 or 8633-9343</i> <i>Email address: depedcentral.bacsecretariat@deped.gov.ph</i></p> <p>Consistent with Section 22.5.3 of the revised IRR of RA 9184, posting on the PhilGEPS and the procuring entity's website of any supplemental/ bid bulletin shall be considered sufficient notice to all bidders or parties concerned.</p>
11	<p>Documents comprising the Bid: Financial Component</p> <p>The second bid envelope shall contain the financial documents for the Bid, and the Bid Form and Price Schedule shall be per lot as prescribed in the forms provided herein.</p>
12	<p>The price of the Goods shall be quoted DDP (DepEd Central Office) or the applicable International Commercial Terms (INCOTERMS) for this Project.</p> <p>Bid prices should be written in two (2) decimal places only. Bid prices that are written in more than two (2) decimal places shall be rounded off.</p> <p>Results of bid evaluation that will exceed the ABC shall be a ground for rejection of the bid(s).</p>
14.1	<p>The bid security shall be in the form of a Bid Securing Declaration, or any of the following forms and amounts:</p> <p>a. The amount of not less than Php 769,693.86, if bid security is in cash, cashier's/manager's check, bank draft/guarantee or irrevocable letter of credit; or</p> <p>b. The amount of not less than Php 1,924,234.65, if bid security is in</p>

	Surety Bond.
14.2	<p>Bid securities, other than a Bid Securing Declaration, shall be turned over to the DepEd Cash Division for custody. The Bid Securing Declaration shall be under the custody of the BAC Secretariat.</p> <p>Bid Security shall not contain any deletion, crossing-out, expunction, or any form of correction. Otherwise, DepEd may reject such security if any such intercalation, superimposition, or alteration affects any material information or feature of the document.</p>
15	<p>Prospective bidders shall enclose their original eligibility and technical documents in a sealed envelope marked as “ORIGINAL – TECHNICAL PROPOSAL.” Copies thereof shall be similarly sealed in envelopes marked as “COPY NO. 1 – TECHNICAL PROPOSAL” and “COPY NO. 2 – TECHNICAL PROPOSAL.” In addition, the USB Flash Drive containing the soft copy of the original eligibility and technical documents shall be submitted and marked as “USB Flash Drive.” The said envelopes containing the original and the copies, and the flash drive shall then be enclosed in one single envelope marked as “TECHNICAL PROPOSAL”. On the other hand, the original of their financial documents shall be enclosed in another sealed envelope marked as “ORIGINAL – FINANCIAL PROPOSAL.” Copies thereof shall be similarly sealed in envelopes marked as “COPY NO. 1 – FINANCIAL PROPOSAL” and “COPY NO. 2 – FINANCIAL PROPOSAL.” The USB Flash Drive containing the soft copy of the original financial documents shall be submitted and marked as “USB Flash Drive.” The said envelopes containing the original and the copies, and the flash drive shall then be enclosed in one single envelope marked as “FINANCIAL PROPOSAL.” Further, the envelopes marked as “TECHNICAL PROPOSAL” and “FINANCIAL PROPOSAL” shall be enclosed and/or sealed in an outer envelope marked as “MOTHER ENVELOPE.” (See Illustration 1).</p> <p>Any discrepancy between the hard/paper copies and the copies contained and as presented in the USB Flash Drive shall be a ground for disqualification.</p> <p>Original copies of the Class “A” Eligibility Legal Documents, such as the SEC, DTI, or the CDA registration certificate and the Mayor’s Permit, may not be submitted on the date and the time of the bid submission. However, the bidder must be able to present such original copies during post-qualification on demand by the BAC or its authorized representative(s) for validation.</p> <p>To facilitate the receipt and classification of bid envelopes, mother envelope shall be RED, the inner envelope containing Technical Proposal shall be Blue, the inner envelope containing Financial Proposal shall be Green, and the Post-Qualification Documents shall be Brown.</p> <p>Post-qualification documents may be submitted during the bidding but this does not disqualify bidders who will not submit post-qualification documents during bid submission.</p> <p>Note: Each Bidder shall submit three (3) paper copies</p>

(i.e, one (1) original and two (2) copies) of its bid and two (2) USB Flash Drive electronics copies (one Technical Component and one Financial Component). The E-copy of the Price Schedule must be in the form of Excel and PDF.

Unsealed or unmarked bid envelopes, shall be rejected. However, bid envelopes that are not properly sealed and marked as required in the Bidding Documents, shall be accepted, provided that the bidder or its duly authorized representative shall acknowledge such condition of the bid as submitted. The BAC shall assume no responsibility for the misplacement of the contents of the improperly sealed or marked bid, or for its premature opening.

Online submission of bids is not allowed.

19.3 The Project shall be awarded by lot, details as follows:

LOT NO.	DESCRIPTION	QUANTITIES/ UNIT	APPROVED BUDGET FOR THE CONTRACT (ABC) in PhP
1	1. CAMERAS		38,484,693.05
	a. Bullet Perimeter (Outdoor)	25	
	b. Bullet Type Camera (Indoor)	82	
	c. Dome IR Camera	12	
	d. Bullet Face Recognition	2	
	e. Automatic Number Plate Recognition Camera	4	
	f. PTZ Camera	9	
	2. CAMERA MOUNTING AND ACCESSORIES		
	a. Bullet mounting	107	
	b. Dome mounting	12	
	c. Pole bracket	2	
	d. ANPR Pole mounting	4	
	e. PTZ mount	9	
	f. SD Card	132	
	g. Small Form Factor (SFP)	64	
	h. Optical Module	2	
	3. VIDEO RECORDER		
	a. TURBO-RAID System Recorder	2	
	b. HDD Extension	2	
	4. NETWORK SWITCHES		
	a. PoE Switch	16	
	b. Layer 2 Switch	2	
	5. SERVER/LICENSE		
	a. Server	1	
	b. Software	1	
	c. License	132	
	d. Vehicle license	1	
	6. COMMAND CENTER		
	a. Videowall	1	
	b. Video Matrix	1	
	c. Decoding Card	5	
	d. Encoding Card	2	
	e. PTZ Controller	1	
f. Monitor Display	2		
g. Videowall Bracket	16		
h. HDMI	16		
i. Cable and Connectors	1		

	<p>The bidder shall be required to submit bids for all items in the lot. In the event of any incomplete bids for the items in the lot, the bidder will be disqualified.</p>
19.5	<p>The computation of a prospective bidder’s NFCC must be at least equal to the ABC to be bid, calculated as follows:</p> <p style="text-align: center;"><i>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</i></p> <p>The values of the domestic bidder’s current assets and current liabilities shall be based on the latest Audited Financial Statements submitted to the BIR.</p> <p>For purposes of computing the foreign bidders’ NFCC, the value of the current assets and current liabilities shall be based on their Audited Financial Statements prepared in accordance with international financial reporting standards. (23.5.1.4a)</p> <p>If the prospective bidder submits a committed Line of Credit, it must be at least equal to ten percent (10%) of the ABC of the lots bid for: Provided, that if the same is issued by a foreign Universal or Commercial Bank, it shall be confirmed or authenticated by a local Universal or Commercial Bank.</p> <p>In any case, the NFCC computation or committed line of credit, must be sufficient for all the lots or contracts bid. The NFCC computation shall be in accordance with the prescribed form.</p> <p>In case of a foreign joint venture, the NFCC shall be computed based on the Audited Financial Statements of the LOCAL LEAD PARTNER, <u>unless it is shown by clear proof that the other partners to the joint venture have infused capital investment to support the operation of the local lead partner to ensure compliance with the obligations under the contracts in this project, in which case the NFCC of the foreign joint venture or the minority partner of the joint venture shall be computed.</u></p> <p>For this purpose, the local lead partner shall be that person/organization/company identified in the Joint Venture Agreement or in the Letters of Intent (for potential JV partners) shown to have the controlling stakes in the JV.</p> <p>For easier reference, participating JVs or prospective JV partners must indicate in their JVAs or Letters of Intent the local lead partner appointed by them.</p>
20.1	<p>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 LCB, the Bidder shall submit the following requirements:</p> <p>a. Latest income and business tax returns: Printed copies of the</p>

Electronically filed Income Tax and Business Tax Returns with copies of their respective Payment Confirmation Forms for the immediately preceding calendar/tax year from the authorized agent bank;

Only tax returns filed and taxes paid through the BIR Electronic Filing and Payment System (EFPS) shall be accepted.

NOTE: The latest income and business tax returns are those within the last six months preceding the date of bid submission.

- b. Other appropriate licenses and permits required by law and stated in the **BDS**.

During post-qualification, upon demand by the BAC or its representative(s), a bidder with the lowest calculated bid shall be able to present/submit the following:

- a. Documents to verify or support its Statement of On-going and/ or Statement identifying its Single Largest Completed Contract which may consist of the following: appropriate and clear duly signed contracts, purchase orders, agreements, notices of award, job orders, or notices to proceed, with the corresponding duly signed certificate of completion, delivery receipts, inspection and acceptance reports, certificates of final acceptance or official receipts.
- b. For validation purposes, original copy Class "A" Eligibility documents.
- c. Certified true copy documents as issued by the certifying/authorized agencies.

During post-qualification, compliance of the goods offered with the requirements specified in this bidding document shall be determined, including the following:

- i. **As per Section 34.3, b.ii, item a, of the IRR of R.A. 9184**, verification of availability and commitment, and/or inspection and testing for the required capacities and operating conditions, of equipment units to be owned/leased/under purchase by the bidder for use in the contract under bidding, as well as checking the performance of the bidder in its ongoing government and private contracts, if any of these ongoing contracts shows:
 - a. Negative slippage of at least fifteen percent (15%) in any one project or a negative slippage of at least ten percent (10%) in each of two (2) or more contracts;
- ii. **As per Section 34.3, b.iii, items a to c, of the IRR of R.A. 9184**, verification and/or inspection and testing of the goods/product, aftersales and/or maintenance capabilities, in applicable cases, as well as checking the following:

- a. Delay in the partial delivery of goods amounting to ten percent (10%) of the contract price in its ongoing government and private contracts;
- b. If any of these contracts shows the bidder's failure to deliver or perform any or all of the goods or services within the period(s) specified in the contract or within any extension thereof granted by the Procuring Entity pursuant to a request made by the supplier prior to the delay, and such failure amounts to at least ten percent (10%) of the contract price; or
- c. Unsatisfactory performance of the supplier's obligations as per contract terms and conditions at the time of inspection.

If the BAC verifies any of these deficiencies to be due to the bidder's fault or negligence, the BAC shall disqualify the bidder from the award, for the procurement of goods.

In case of foreign bidders, a Certificate of Authentication from the Department of Foreign Affairs shall be required for each document submitted, i.e. the Class "A" documents or its equivalent that are written in foreign language, translated to English, and duly authenticated by the appropriate Philippine foreign service establishment/post or the equivalent office having jurisdiction over the foreign bidder's affairs in the Philippines.

To facilitate post-qualification, the bidder at its option may submit in advance, i.e., on the deadline for submission and receipt of bids, above requirements and other documents required in *Section II. ITB 20.1*.

The envelope shall be placed in a **brown** envelope and marked:

ITB 20.1 Documents

Name of Project: _____
 Bid Opening Date: _____
 Name of Bidder: _____

Failure to submit the above requirements within the required timeframe or a finding against the veracity of any such documents or other documents submitted for the project shall be a ground for disqualification of the bidder for the award and the enforcement of the bid securing declaration.

***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 are 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 2016 revised 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 VII (Technical Specifications)** shall specify what inspections and/or tests the Procuring Entity requires, and where they are to be conducted. The Procuring Entity shall notify the Supplier in writing, in

a timely manner, of the identity of any representatives retained for these purposes.

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

5. Warranty

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

6. Liability of the Supplier

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

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

Section V. Special Conditions of Contract

Special Conditions of Contract

GCC Clause	
1	<p>Delivery and Documents –</p> <p>For purposes of the Contract, “EXW,” “FOB,” “FCA,” “CIF,” “CIP,” “DDP” and other trade terms used to describe the obligations of the parties shall have the meanings assigned to them by the current edition of INCOTERMS published by the International Chamber of Commerce, Paris. The Delivery terms of this Contract shall be as follows:</p> <p>The delivery terms applicable under this Contract shall be DDP (Duties Delivered Paid) in accordance with INCOTERMS. Risk and title to the goods and services shall pass from the Supplier to DepEd upon receipt and final acceptance of the goods and services at the designated delivery site (DepEd Central Office).</p> <p>The goods to be delivered and services to be rendered by the Supplier must be in accordance with the Technical Specifications and/or Terms of Reference and other requirements indicated in the bidding documents, and/or as may be reasonably deemed necessary to effect the full and timely delivery of the goods and services.</p> <p>For purposes of this Clause, the representative of the Department of Education (DepEd) at the delivery site shall be the Authorized Representative and the designated Inspectorate Team.</p> <p>Upon delivery of the goods to the delivery site, the Supplier shall notify DepEd and present the following documents:</p> <ol style="list-style-type: none"> 1. Original and four copies of the Supplier’s invoice showing goods’ description, quantity, unit price, and total amount; 2. Original and four copies of the Manufacturer’s and/or Supplier’s Warranty Certificate, where applicable; 3. Original (white copy) and scanned copy stored in CD/DVD/Flash Drive of the pre-numbered Inspection and Acceptance Report (IAR) and Delivery Receipt (DR) detailing number and description of goods received and duly signed and dated by the ARP. <p>In case the Supplier encounters conditions impeding timely delivery of the goods and performance of services, it must promptly notify DepEd in writing within five (5) calendar days from notice of such conditions, and any request for work suspension and/or contract period extension shall be promptly done in writing as soon as circumstances for such requests have become apparent. The Supplier must provide sufficient proof to support any request for work suspension and/or contract period extension.</p> <p>Incidental Services –</p> <p>The Contract Price for the goods and services shall include the prices charged by the Supplier for incidental services and shall not exceed the</p>

prevailing rates charged to other parties. The Supplier is required to provide the following services, including additional services, if any:

- a. Performance or supervision of on-site assembly and/or start-up of the supplied goods;
- b. Furnishing of tools required for assembly and/or maintenance of the supplied goods;
- c. Furnishing of a detailed operations and maintenance manual for each appropriate unit of the supplied goods;
- d. Performance, 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 obligation; and
- e. Training of the DepEd personnel at the supplier's plant and/or on-site on the assembly, start-up, operation, or maintenance and/or repair of the supplied goods.

However, assembly, installation, start-up and/or commissioning of items, in cases where they are necessary, shall remain to be the responsibility and for the account of the supplier notwithstanding inspection and acceptance at its premises. In case of failure of Supplier to do this/these, DepEd may call upon the Supplier's warranty so that the assembly, installation, start-up and/or commissioning shall be undertaken by DepEd. In any case, the Supplier shall provide written manuals and tutorial videos for installation, commissioning, start-up, assembly, use and maintenance of the items delivered.

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

The Supplier shall carry sufficient inventories to assure ex-stock supply of consumable spares for the goods that will be sustained for a minimum of

five (5) years from the date the goods were procured.

Other spare parts and components must be available nationwide and shall be supplied as promptly as possible, but in any case within one (1) month of placing the order.

Packaging -

The Supplier shall provide such packaging 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 by DepEd, including additional requirements, if any.

Insurance -

The goods under this Contract shall be fully insured by the Supplier in a freely convertible currency against loss or damage incidental to manufacture or acquisition, transportation, storage, and delivery. The goods remain at the risk and title of the Supplier until their final acceptance by DepEd.

Transportation -

Transport of the goods shall be arranged by the Supplier, and related costs shall be included in the contract price.

DepEd accepts no liability for the damage of goods during transit. Risk and title to the goods will not be deemed to have passed to DepEd until its receipt and final acceptance at the final destination, through its authorized receiving personnel.

Intellectual Property Rights -

The Supplier shall indemnify DepEd against all third-party claims of infringement of patent, trademark, or industrial design rights arising from the use of the goods or any part thereof.

2.2

Schedule of Payment

The method and conditions of payment to be made to the Supplier through the Government disbursement procedure within 60 days after the date of acceptance of goods at the project site and upon submission of documents under this Contract shall be as follows:

Milestone	Works to be Accomplished	Payment Requirement	Percentage of the Contract
1	Mabini Building	• Request for Payment	30%

		<p>Complete Installation, Configuration and Acceptance of the following</p> <ul style="list-style-type: none"> • POE SWITCHE • CCTV Camera 	<ul style="list-style-type: none"> • Statement of Account (SOA) / Billing / Invoice • Signed Delivery Receipt • Signed Inspection and Acceptance Report (IAR) • Approved commissioning and testing report 	
		<p>Command Center</p> <p>Complete Installation, Configuration and Acceptance of the following</p> <ul style="list-style-type: none"> • VIDEOWALL SOLUTION • ACCESS SWITCH • PC SERVER FOR CCTV MANAGEMENT AND MONITORING • AI SERVER • AIR CONDITIONING UNIT (ACU) • IDF CABINET • UNINTERRUPTIBLE POWER SUPPLY (UPS) • ARCHIVING • CORE SWITCH • MANAGEMENT AND MONITORING SOFTWARE • CCTV Camera 	<ul style="list-style-type: none"> • Request for Payment • Statement of Account (SOA) / Billing / Invoice • Signed Delivery Receipt • Signed Inspection and Acceptance Report (IAR) • Approved commissioning and testing report 	
	2	<p>Aguinaldo Building Alonzo Building Bonifacio Building Rizal Building</p> <p>Complete Installation, Configuration and Acceptance of the following</p> <ul style="list-style-type: none"> • POE SWITCHES • CCTV Camera 	<ul style="list-style-type: none"> • Request for Payment • Statement of Account (SOA) / Billing / Invoice • Signed Delivery Receipt • Signed Inspection and Acceptance Report (IAR) • Approved commissioning and testing report 	45%
	3	<p>Dorm D</p> <p>Complete Installation, Configuration and Acceptance of the following</p> <ul style="list-style-type: none"> • POE SWITCH • CCTV Camera 	<ul style="list-style-type: none"> • Request for Payment • Statement of Account (SOA) / Billing / Invoice • Signed Delivery Receipt • Signed Inspection and Acceptance Report (IAR) • Approved commissioning and testing report 	15%
		<p>Dorm E</p> <p>Complete Installation, Configuration and Acceptance of the following</p> <ul style="list-style-type: none"> • POE SWITCH • CCTV Camera 	<ul style="list-style-type: none"> • Request for Payment • Statement of Account (SOA) / Billing / Invoice • Signed Delivery Receipt 	

			<ul style="list-style-type: none"> • Signed Inspection and Acceptance Report (IAR) • Approved commissioning and testing report 	
		<p>Amphitheater</p> <p>Complete Installation, Configuration and Acceptance of the following</p> <ul style="list-style-type: none"> • CCTV Camera 	<ul style="list-style-type: none"> • Request for Payment • Statement of Account (SOA) / Billing / Invoice • Signed Delivery Receipt • Signed Inspection and Acceptance Report (IAR) • Approved commissioning and testing report 	
4		<p>Delivery of Knowledge Transfers and Training Sessions</p>	<ul style="list-style-type: none"> • Request for Payment • Signed Attendance Sheet • Submission of Training Manual • Certificate of Acceptance for the conduct of training 	10%

Final Payment

Final payment shall consist of the full and final payment of the unpaid inspected and accepted goods, subject to the submission of the required documents under the bidding documents.

Retention money shall be released at the expiration of the warranty period or the remaining amount in case it has been utilized pursuant to the warranty provision.

(NOTE: The Supplier must furnish a copy of the above-mentioned documents to DepEd Accounting and the End-user **[Information and Communications Technology Service – Technology Infrastructure Division (ICTS-TID)]** and the Contract Management Division of the Procurement Service, Central Office).

3	<p>Performance Security</p> <p>The Performance Security shall be posted in favor of DepEd, and shall be forfeited in the event it is established that the Supplier is in default of any of its obligation under the contract. The Supplier shall be responsible for the extension of its performance security and/or renewal of its performance security whenever necessary and/ without need of prior notice or instruction from DepEd, to ensure that it is in force and effect for the whole duration of the contract delivery period and until a Certificate of Final Acceptance is duly issued.</p> <p>Performance Security shall not contain any deletion, crossing-out, expunction, or any form of correction. Otherwise, DepEd may reject such security if any such intercalation, superimposition, or alteration affects</p>			
---	--	--	--	--

	any material information, or feature of the document.
4	<p>Inspection</p> <p>Inspection or pre-delivery inspection (PDI), where applicable for goods to be delivered, shall be conducted by DepEd through the duly designated Inspectorate Team. The inspection or PDI shall be made upon notice to the DepEd of the readiness of the goods for inspection.</p> <p>In case the inspection of goods will be conducted by the designated Inspectorate Team of the DepEd Central Office, the Supplier shall coordinate with DepEd, through the Procurement Management Service-Contract Management Division (ProcMS-CMD), on the conduct of inspection or pre-delivery inspection (PDI). Any request for inspection or PDI shall be done in writing, and contain the following information:</p> <ol style="list-style-type: none"> a. Project Title and Contract Number; b. Specific goods for inspection; c. Quantity of goods for inspection; d. Venue/Address of inspection site; and e. Proposed schedule of inspection which must be at least ten (10) calendar days from the submission of the letter request. <p>The request for inspection or PDI shall be addressed to ProcMS-CMD, and must be submitted through email at procms.cmd@deped.gov.ph.</p> <p>Pre-delivery and Pre-implementation Conference shall be conducted prior to the inspection of goods by the designated DepEd Inspectorate Team, as may be necessary or applicable.</p> <p>Prior to and for purposes of inspection, the Supplier shall ensure convenient access to the goods for inspection. The Supplier shall assign personnel to undertake the handling, unpacking, assembly, commissioning, disassembly, repacking, resealing, and sorting of the goods prior to, during, and after the inspection.</p> <p>DepEd shall have the right to visit and inspect the Supplier's premises covered by the Contract, at any time or stage of contract implementation, to monitor and assess the Supplier's capacity to discharge its contractual obligations.</p> <p>Goods with defects or non-compliant with the required technical specifications upon delivery shall be rejected, orally or in writing, by DepEd and replaced by the Supplier in accordance with the warranty provision of this bidding document. The replacement goods shall be subject to re-inspection.</p> <p>Goods are considered defective when they are unfit for the use for which it is intended or its fitness for such use is diminished to such an extent that, had DepEd been aware thereof, it would not have acquired it or would have given a lower price for it.</p> <p>Defects in the goods can either be patent or latent. A patent defect is one that is apparent to the buyer on normal observation. It is an apparent or</p>

obvious defect. On the other hand, a latent defect is one that is not apparent to the buyer by reasonable observation. A latent defect is hidden or one that is not immediately determinable.

5

Warranty

The following warranty periods shall be applied to the goods:

Items	Warranty Period
a. UPS, 3.0KVA b. UPS, 1.5KVA	One (1) year
a. Core switch b. PoE Access Switch c. Access Switch d. CCTV Cameras e. Network Disk Recorder f. Video Display Controller g. Video Input Processor h. Display Processor i. LED Display j. PC Server k. AI Server l. Air Conditioning Unit m.VPSG Monitoring n. Archiving Software	Three (3) years
a. Products (fiber patch panels, pigtailed, adapter plates, fiber patch cords) b. Fiber Optic Cables c. UTP Cable	Twenty-five (25) years

The said warranty periods shall reckon from the date of issuance of the Certificate of Final Acceptance by the DepEd that the delivered goods have been duly inspected and accepted (i.e. final acceptance).

Payments shall be subject to the Warranty provision in the form of either retention money in an amount equivalent to five percent (5%) of every progress payment, or a special bank guarantee in the amount equivalent to five percent (5%) of the Contract Price as provided under Section 62.1 of R.A. 9184 and its Revised IRR.

Replacement and/or repair of the goods may be requested within the aforementioned warranty period. Replacement of the goods shall be made by the Supplier within seven (7) calendar days upon claim or request therefor. A replacement must be of the same branding specification and shall be installed prior to pull-out of the defective or unrepairable unit/s. Repair of the goods shall be made within three (3) calendar days the next business day upon claim or request therefor.

In case the Supplier opts for retention money, the amount shall only be released after the lapse of the entire warranty period, unless during the

remainder of the warranty period, the retention money is substituted with a special bank guarantee as prescribed above.

The **Special Bank Guarantee** shall not contain any deletion, crossing-out, expunction, or any form of correction. Otherwise, DepEd may reject such security if any such intercalation, superimposition, or alteration affects any material information, or feature of the document.

Section VI. Schedule of Requirements

A. List/Description of Goods /Services

The delivery schedule expressed below stipulates the date of delivery to the project site.

LOT NO.	DESCRIPTION	QUANTITIES/ UNIT	DELIVERY PERIOD
1	1. CAMERAS		Within one hundred (100) calendar days from the date of the receipt of the Notice to Proceed (NTP)
	a. Bullet Perimeter (Outdoor)	25	
	b. Bullet Type Camera (Indoor)	82	
	c. Dome IR Camera	12	
	d. Bullet Face Recognition	2	
	e. Automatic Number Plate Recognition Camera	4	
	f. PTZ Camera	9	
	2. CAMERA MOUNTING AND ACCESSORIES		
	a. Bullet mounting	107	
	b. Dome mounting	12	
	c. Pole bracket	2	
	d. ANPR Pole mounting	4	
	e. PTZ mount	9	
	f. SD Card	132	
	g. Small Form Factor (SFP)	64	
	h. Optical Module	2	
	3. VIDEO RECORDER		
	a. TURBO-RAID System Recorder	2	
	b. HDD Extension	2	
	4. NETWORK SWITCHES		
	a. PoE Switch	16	
	b. Layer 2 Switch	2	
	5. SERVER/LICENSE		
	a. Server	1	
	b. Software	1	
	c. License	132	
	d. Vehicle license	1	
	6. COMMAND CENTER		
	a. Videowall	1	
	b. Video Matrix	1	
	c. Decoding Card	5	
	d. Encoding Card	2	
	e. PTZ Controller	1	
	f. Monitor Display	2	
	g. Videowall Bracket	16	
h. HDMI	16		
i. Cable and Connectors	1		
7. SERVICES			
System Design & Engineering, System Integration and Configuration, installation, Testing, Commissioning, Trainings and others.			

B. Contract Duration

Complete delivery shall be made within the contract duration stipulated above, from the date of receipt of the Notice to Proceed (NTP).

C. Delivery Sites

Goods shall be delivered and inspected at the DepEd Central Office, please see **Annex “B”** for the Allocation List.

D. Delivery and Receiving Instruction

1. The winning bidder shall complete the Rehabilitation and Improvement of DepEd Central Office CCTV System within **one hundred (100) calendar days** from the date of acceptance of Notice to Proceed.
2. Service/Goods shall be delivered to the Department of Education Central Office, DepEd Complex, Meralco Avenue, Pasig City.
3. The Supplier shall notify the indicated authorized receiving personnel at the Project Site of the scheduled date of delivery at least three (3) working days in advance and shall ensure that the authorized receiving personnel of the Purchaser is present during the date and time of delivery.
4. The completion schedule provided shall be considered extended under the following:
 - a. Delays caused by force majeure events.
 - b. Delays caused by special cases and events beyond the control of the contractor, subject for evaluation and approval by DepEd Central Office.
 - c. In all cases, the period or number of days of extension shall be agreed upon with the DepEd Central Office in writing.
 - d. Claims for time extension of the contract period due to force majeure shall be subject to approval by the DepEd Central Office.
5. Force majeure includes events such as Earthquake, Flood, Typhoon, Cyclone, Revolution, War and other cataclysmic phenomena of nature and misfortune which are beyond human prudence and foresight.
6. All goods and/or items shall be delivered to the DepEd Central Office and are subject to visual/physical inspection by the DepEd Inspectorate Team based on the awarded specification.
7. Goods and/or items shall be rejected if not conformance to the technical specifications.
8. Any delays cause by the winning bidder shall be properly documented, communicated, and escalated to the DepEd-TID for merit and consideration.

Statement of Compliance

I/We have read and understood the requirements/scope of service/terms of reference and conditions stipulated herein and shall therefore comply to the conditions set forth in the Contract with respect to this **Section VI. Schedule of Requirements**, if our bid is considered for award.

Name and Signature of Bidder's Authorized Representative

Section VII. Technical Specifications

Technical Specifications

Item	Specification	Statement of Compliance
		<p><i>[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.]</i></p>

A. General Specification

Item	Specification	STATEMENT OF COMPLIANCE (State Comply or Not Comply)
1	The prospective bidder must be involved in System Integration and have at least ten (10) years of experience working on similar projects.	
2	The prospective bidder must have at least five (5) years’ experiences in supply, delivery, installation, testing and commissioning of network equipment and structured cabling system within the Government Sector	
3	The prospective bidder must have at least ten (10) years’ experiences in supply, delivery, installation, testing and commissioning of CCTV Surveillance System within the Government Sector	
4	The prospective bidder must have a Project Management Professional (PMP) in-charge of Project Management. Must have the following qualifications: bachelor’s degree, three (3) years’ work experience, trained and certified in project management. Must attach certification and curriculum vitae, as well as a signed commitment stating that the professional expert will work on the project if the contract is awarded.	
5	The prospective bidder shall have at least three (3) Certified CCTV Installers. Must have the following qualification: bachelor’s degree, three (3) years’ work experience. Must	

	attach certification and curriculum vitae of each nominated expert and written commitment stating that the expert shall work for the project once awarded the contract.	
6	The prospective bidder shall have at least one (1) Certified Network Engineer on the network equipment. Must have the following qualification: bachelor's degree, three (3) years' work experience. Must attach certification and curriculum vitae of each nominated expert and written commitment stating that the expert shall work for the project once awarded the contract.	
7	The Prospective bidder must have a Certified Safety Officer to impose safety measures during the deployment. Must have the following qualifications: bachelor's degree, one (1) year work experience, trained and certified by DOLE accredited training center. Must attach certification and curriculum vitae of each nominated Expert and written commitment stating that the expert shall work for the project once awarded the contract.	
8	The prospective bidder shall have at least three (3) personnel certified designer or installer by the Cabling Manufacturer. Must have the following qualifications: bachelor's degree, one (1) year work experience, trained and certified by the Cabling Manufacturer. Must attach certification and curriculum vitae of each nominated expert and written commitment stating that the expert shall work for the project once awarded the contract.	
9	The prospective bidder shall submit a Letter of Warranty Support from the Cabling System Manufacturer stating that the Cabling Installation of the Solution Provider shall be supported by 25 years System Warranty to be issued by the Cabling System Manufacturer (not by the Solution Provider) which would cover products, cables, and application guarantee for 25 years.	
10	Solution provider should have a Philippine Contractors Accreditation Board (PCAB) license for facilities.	
11	Certification of After Sales Support for the Network equipment indicating the Support, should include on-line, telephone support, on-call, on-site and replacement if the hardware is defective under warranty.	
12	Proposed design, configuration, and specifications of offered design, systems, and technology must show compliance, compatibility, and best fit to the required systems for evaluation of the procuring entity.	
13	Proposed Work Plan and Detailed Implementation Schedule for the Project covering the whole period. Prospective bidders must inspect the site. This is to ensure the reliability, security, and efficiency of the services that are needed which the prospective bidder will be offering. Each activity should have a timeframe and a Gantt Chart summary.	

B. Detailed Technical Specification

ITEM NO	SPECIFICATIONS	STATEMENT OF COMPLIANCE (State Comply or Not Comply)	BIDDER'S ACTUAL OFFER
1	<p>STRUCTURED CABLING FOR CCTV</p> <p>All cable trays / raceways for horizontal home runs shall be sized accordingly based on the number of outlets per floor. Minimum size of cable tray should be at least 300mm width x 100mm depth;</p> <p>All cable trays/ladder shall be power coated or hot dip galvanized and all conduits. for horizontal home runs shall be PVC with connector coupling;</p> <p>All conduits for the backbone cables shall be EMT pipe with connector coupling and all cable trays/conduit support or hangers shall be permanently anchored on the ceiling.</p> <p>Backbone will be fiber optic cable at least 4-pairs multimode OM3.</p>		
1.1	<p>IDF Floors</p> <p>All data ports shall be terminated within a managed cable rack system.</p> <p>All patch panels (UTP), wire management and patch cords from station end shall be provided and installed by the contractor. The color of the patch cord shall white for data</p>		
1.2	<p>HORIZONTAL CABLING</p> <p>All copper products in the communication channel shall be capable of supporting the provision of power to the Data Terminal Equipment via the electrically conductive Media Dependent Interfaces as specified in the latest IEEE 802.3af "Power over Ethernet" standard</p> <p>All horizontal UTP cable must meet requirement specified for current applications such as IEEE 802.3 10/100/1000 BASE T; IEEE 802.5 4/26/100Mbps; ATM Forum 52/155/622/1200 Mbps, 1 Gigabit Networking</p> <p>The 4-pair UTP cable should be Underwriter Laboratories (UL) listed as type CM or CMR.</p> <p>The 4-pair UTP cable shall meet or exceed the following ISO/IEC 11801:2002 requirements</p> <p>The UTP cable shall be of nominal 0.5mm diameter bare solid copper conductors insulated with high density insulation and a PVC sheath. The insulated conductors shall be twisted into pairs, with pairs balanced for maximum performance and noise reduction.</p>		
1.3	<p>BACKBONE CABLING</p> <p>The backbone system shall be fiber optic cable with complete accessories for high speed video streaming</p>		
1.4	<p>LABELING</p>		

	All jacks, panels and frames shall be clearly labeled. Labels should be tempered resistant and made with a label maker at the station end. Data frames should be created with label maker		
2	NETWORK DISK RECORDER		
	The Network Disk Recorder (NDR) must be an all-in-one recording solution for IP video surveillance system of up to 128 network cameras		
	The NDR must be able to store H.264 video data and H.265 video data		
	The NDR must have the capability of up to 640 Mbps total throughput. (Recording throughput: 384 Mbps, Output throughput: 256 Mbps)		
	The NDR must have at least 324TB (54 x 6TB HDD) of gross storage capacity with five optional Hard Disk Extension units.		
	The NDR must be able to offer hardware RAID 1, RAID 5, and RAID 6 data protection internally and with optional Hard Disk Extension units		
	The NDR must be able to offer Video Motion Detection search function which can search the moving of the selected specific area		
	The NDR must record two streams per camera.		
	The NDR must be able to manage Hard Disk Drive (HDD) to reduce a HDD operation time by managing HDD status and controlling an HDD motor		
	The NDR must be able to offer quick RAID recovery without sacrificing recording bandwidth and performance		
	The NDR must be able to manage redundant fail-over using 2nd recorder to enable mission-critical recording by Key Management (KMS) registration		
	The NDR must be able to backup important data to NAS devices by KMS registration		
	The NDR must be able to monitor on multiscreen mode including corridor mode screen layout		
	The NDR must be able to display videos on the main and sub monitors connected to the HDMI interface		
	The NDR must be able to set up two camera groups for a different saving period of the recorded images.		
	The NDR must offer the operation and configuration functions to the cameras and NDR from the main monitor connected to the HDMI interface and mouse		
	The NDR must be able to store an encrypted stream and shall display encrypted streams/videos by decrypting.		
The NDR must be able to realize optional SSL / TLS communication with CA certificate			
The NDR must be able to offer remote and mobile monitoring on a PC, smartphone and tablet. The NDR must conform to the ONVIF standard.			
3	INDOOR FIXED BOX NETWORK CAMERA WITH AI ENGINE		
	The Fixed Camera must deliver H.265 stream and H.264 stream		

	<p>The Fixed Camera must be able to produce a resolution of 1920x1080 pixels at up to 60 fps with a 16:9 aspect ratio, 1280x960 pixels at up to 30 fps with a 4:3 aspect ratio, and 2048x1536 pixels at up to 15 fps with a 4:3 aspect ratio.</p>		
	<p>The Fixed Camera must be able to utilize an approximate 1/2.8 type high sensitivity CMOS image sensor.</p>		
	<p>The Fixed Camera must have built-in AI engine to enable analytical applications on the network edge. Built-in AI engine supports detecting suspicious changes in captured scenes, optimizing the image settings of the camera (based on captured scene analysis) for better image usability, and optimizing video compression through captured scenes to save bandwidth.</p>		
	<p>The Fixed Camera must enable the installation of the optional analytics applications developed by third-party companies using this camera's SDK.</p>		
	<p>The Fixed Camera must feature a 144dB wide dynamic range based on Enhanced Super Dynamic and built-in AI engine and Adaptive Black Stretch technology (ABS)</p>		
	<p>The Fixed Camera must produce a color image with a minimum illumination of 0.007 lux and a monochrome image with 0.006 lux at F1.3, a shutter speed of 1/30s</p>		
	<p>The Fixed Camera must generate multiple simultaneous video streams of up to four (4) H.265 (Main profile) or H.264 (High profile) streams and JPEG streams</p>		
	<p>The Fixed Camera must be equipped with AI intelligent auto mode which is the technology for shooting license plates and a person's face more clearly</p>		
	<p>The Fixed Camera must be equipped with GOP controls including smart facial coding and frame control and it reduces bit rate by controlling the image quality of still areas, moving areas, and faces with an AI engine</p>		
	<p>The Fixed Camera must be equipped with corridor mode enabling the capture of a more vertically oriented area than the normal format would allow</p>		
	<p>The Fixed Camera must produce an encrypted stream</p>		
	<p>The Fixed Camera must be able to realize SSL / TLS communication with a CA certificate</p>		
	<p>The Fixed Camera must offer Video Motion Detection (VMD) with four (4) programmable detection areas, 15 steps sensitivity level, and 10 steps detection size</p>		
	<p>The Fixed Camera must offer Scene Change Detection (SCD) which can issue an alarm when a camera is covered with something, or the camera direction is changed to shoot a different subject</p>		
	<p>The Fixed Camera must have Fog compensation function</p>		
	<p>The Fixed Camera shall have High light compensation (HLC) function</p>		

	<p>The Fixed Camera shall have Super Chroma Compensation (SCC) which realizes better color reproducibility in low illumination</p> <p>The Fixed Camera shall provide up to eight (8) areas of electronic privacy masking</p> <p>The Fixed Camera must be able to offer the prioritized stream control which transmits a video stream to a specified client PC or recorder preferentially</p> <p>The Fixed Camera must have a microSD memory card slot that supports microSD, microSDHC, and microSDXC memory cards for local storage</p> <p>The Fixed Camera shall offer full-duplex bi-directional audio communication capability between the camera and the monitoring site</p> <p>The Fixed Camera must have three (3) alarm sources of terminal input, VMD, Command alarm, and audio detection alarm that activate the processes such as SDXC/ SDHC/SD memory recording, E-mail notification, HTTP alarm notification, Indication on browser, FTP image transfer and TCP alarm notification output</p> <p>The Fixed Camera shall conform to the ONVIF® Profile G/M/S/T</p> <p>The user must be able to view the video on a PC using a browser</p> <p>The user must be able to view the video on a smartphone and tablet using viewer software for iPhone and Android</p>		
4	<p>4MP LENS OUTDOOR BULLET NETWORK CAMERA</p> <p>The Bullet Camera must deliver H.265/ H.264 stream</p> <p>The Bullet Camera must utilize an approximate 1/2.7 type high sensitivity CMOS image sensor</p> <p>The Bullet Camera must produce a resolution of 2560×1440 pixels at up to 30 fps with a 16:9 aspect ratio</p> <p>The Bullet Camera must be equipped 2.5 times optical motorized zoom and motorized focus</p> <p>The Bullet Camera must feature a 102dB wide dynamic range based on Enhanced Super Dynamic</p> <p>The Bullet Camera must produce a color image with a minimum illumination of 0.3 lux and a monochrome image with 0.12 lux at F2.0, shutter speed of 1/30s and AGC 11</p> <p>The Bullet Camera must offer a built-in IR illumination to produce a clear monochrome image in zero lux conditions with 20 m (65 feet) irradiation distance</p> <p>The Bullet Camera must generate multiple simultaneous video streams of up to three (3) H.265 (Main profile) or H.264 (High profile) streams and JPEG streams</p> <p>The Bullet Camera must be equipped with intelligent auto mode, the technology for shooting license plate and person's face more clearly</p> <p>The Bullet Camera must be equipped with Group of Picture (GOP) control included frame rate control</p>		

	<p>which control an image quality of a stationary area, a moving area, as bitrate reducing technology</p> <p>The Bullet Camera must be able to have corridor mode which enables the capture of a more vertically oriented area than the normal format would allow</p> <p>The Bullet Camera must be able to realize SSL / TLS communication</p> <p>The Bullet Camera shall be rated to IP66 and NEMA 4X standard against water and dust ingress</p> <p>The Bullet Camera must be rated to IK10 vandal resistance</p> <p>The Bullet Camera must offer Video Motion Detection (VMD) with four (4) programmable detection areas, 15 steps sensitivity level and 10 steps detection size</p> <p>The Bullet Camera must offer Scene Change Detection (SCD) is possible to issue an alarm when a camera is covered with something or the camera direction is changed to shoot a different subject</p> <p>The Bullet Camera must have Fog compensation function</p> <p>The Bullet Camera must have High light compensation (HLC) function</p> <p>The Bullet Camera must have Super Chroma Compensation (SCC) which realizes a better color reproducibility in the low illumination</p> <p>The Bullet Camera must provide up to eight (8) areas of electronic privacy maskin</p> <p>The Bullet Camera must be able to offer the prioritized stream control which transmits a video stream to a specified client PC or recorder preferentially</p> <p>The Bullet Camera must have a SD memory card slot that supports microSD, microSDHC and microSDXC memory card for local storage</p> <p>The Bullet Camera must have three (3) alarm sources of SCD alarm, VMD, and command alarm that activate the processes such as microSDXC/SDHC/SD memory recording, E-mail notification, HTTP alarm notification, Indication on browser, and TCP alarm notification output</p> <p>The Bullet Camera must conform to the ONVIF standard</p> <p>The user must be able to view video on a PC using a browser</p> <p>The user must be able to view video on a smartphone and tablet using viewer software for iPhone and Android</p>		
5	<p>PTZ NETWORK CAMERA</p> <p>The PTZ Camera must deliver H.265 stream and H.264 stream</p> <p>The PTZ Camera must produce a resolution of 1920 x 1080 pixels(Full HD) at up to 60 fps with a 16:9 aspect ratio</p> <p>The PTZ Camera must produce a resolution of 2048 x 1536 pixels at 30fps with a 4:3 aspect ratio</p> <p>The PTZ Camera must utilize an approximate 1/2.8-</p>		

inch type high sensitivity CMOS image sensor		
The PTZ Camera must be equipped with 40 times optical zoom		
The PTZ Camera must feature an intelligent image stabilization to capture stable images even when installing on the plenty-vibration place		
The PTZ Camera must feature a 144dB wide dynamic range based on Enhanced Super Dynamic		
The PTZ Camera must produce a color image with a minimum illumination of 0.015 lux and a monochrome image with 0.006 lux at F1.6, shutter speed of 1/30s and AGC 11		
The PTZ Camera shall must a built-in IR illumination to produce a clear monochrome image in zero lux conditions with 350m (1150 feet) irradiation distance		
The PTZ Camera must be equipped with a special coated cover for increasing the operational utility of outdoor cameras in rain weather		
The PTZ Camera must be able to transmit of up to four(4) video streams simultaneously which can be selected to H.265 (Main profile) or H.264 (High profile) or JPEG(can be selected up to two(2) video streams only)		
The PTZ Camera must be equipped with intelligent auto mode, the technology for shooting license plate and person's face more clearly		
The PTZ Camera must be equipped with Group of Picture (GOP) control of bitrate reducing technology which five control modes included frame rate control for longer recording and less storage		
The PTZ Camera must produce encrypted stream		
The PTZ Camera must be able to realize SSL / TLS communication with CA certificate		
The PTZ Camera must offer Video Motion Detection (VMD) with four (4) programmable detection areas, 15 steps sensitivity level and 10 steps detection size		
The PTZ Camera must be able to offer an optional intelligent VMD (i-VMD) function which provides intruder detection, loitering detection, direction detection, scene change detection, object detection and cross line detection		
The PTZ Camera must have Fog compensation function		
The PTZ Camera must have High light compensation (HLC) function		
The PTZ Camera must provide up to thirty-two (32) areas of electronic privacy masking		
The PTZ Camera must offer the prioritized stream control which transmits a video stream to a specified client PC or recorder preferentially		
The PTZ Camera must have an SD memory card slot that supports SD, SDHC and SDXC memory card for local storage		
The PTZ Camera must offer full-duplex bi-directional audio communication capability between the camera and monitoring site		
The PTZ Camera must have three (3) alarm sources of terminal input, VMD, command alarm, audio		

	<p>detection alarm and auto track alarm that activate the processes such as SDXC/ SDHC/SD memory recording, E-mail notification, HTTP alarm notification, Indication on browser, FTP image transfer and TCP alarm notification output</p> <p>The PTZ Camera must conform to the ONVIF profile S and profile G</p> <p>The user must be able to view video on a PC using a browser</p> <p>The user must be able to view video on a smartphone and tablet using viewer software for iPhone and Android</p>		
6	<p>OUTDOOR 360 FISHEYE NETWORK CAMERA WITH AI ENGINE</p> <p>The 360-degree Fisheye Camera must deliver H.265 stream and H.264 stream</p> <p>The 360-degree Fisheye Camera must produce a resolution of 2192×2192 pixels at up to 30 fps with a fisheye mode</p> <p>The 360-degree Fisheye Camera must produce a resolution of 1920×1080 pixels at up to 30 fps with a double panorama mode</p> <p>The 360-degree Fisheye Camera must utilize an approximate 1/3 type high sensitivity CMOS image sensor</p> <p>The 360-degree Fisheye Camera must be compliant to IP66 and NEMA 4X for water and dust resistance and also feature dehumidification device for use in various weather conditions</p> <p>The 360-degree Fisheye Camera must be compliant to 50J and IK10 vandal resistance</p> <p>The 360-degree Fisheye Camera must feature a 120dB wide dynamic range based on Enhanced Super Dynamic and Adaptive Black Stretch technology (ABS)</p> <p>The 360-degree Fisheye Camera must produce a color image with a minimum illumination of 0.15 lux and a monochrome image with 0.02 lux at F2.4, maximum shutter of 1/30s and AGC 11</p> <p>The 360-degree Fisheye Camera must offer a built-in IR illumination to produce a clear monochrome image in zero lux conditions with 10 m (33 feet) irradiation distance</p> <p>The 360-degree Fisheye Camera must generate multiple simultaneous video streams of up to two (2) H.265 (Main profile) or H.264 (High profile) streams and JPEG streams</p> <p>The 360-degree Fisheye Camera must be equipped with intelligent auto mode monitors scene dynamics and motion to adjust key camera settings automatically in real-time reducing distortion such as motion blur on moving objects</p> <p>The 360-degree Fisheye Camera must be equipped with GOP control of bitrate reducing technology which five control modes included frame rate control for longer recording and less storage</p> <p>The 360-degree Fisheye Camera must be able to produce encrypted stream</p>		

	<p>The 360-degree Fisheye Camera must be able to realize SSL / TLS communication with CA certificate</p> <p>The 360-degree Fisheye Camera must offer Video Motion Detection (VMD) with four (4) programmable detection areas, 15 steps sensitivity level and 10 steps detection size</p> <p>The 360-degree Fisheye Camera must be bundled with AI-VMD(AI Video Motion Detection) and People Counting and Heat map and Occupancy detection and AI Privacy Guard Licenses</p> <p>The 360-degree Fisheye Camera must have Fog compensation function</p> <p>The 360-degree Fisheye Camera must have High light compensation (HLC) function</p> <p>The 360-degree Fisheye Camera must have Super Chroma Compensation (SCC) which realizes a better color reproducibility in the low illumination</p> <p>The 360-degree Fisheye Camera must provide up to eight (8) areas of electronic privacy masking</p> <p>The 360-degree Fisheye Camera must offer the prioritized stream control which transmits a video stream to a specified client PC or recorder preferentially</p> <p>The 360-degree Fisheye Camera must have a SD memory card slot that supports SD, SDHC and SDXC memory card for local storage</p> <p>The 360-degree Fisheye Camera must offer full-duplex bi-directional audio communication capability between the camera and monitoring site</p> <p>The 360-degree Fisheye Camera must have three (3) alarm sources of terminal input, VMD, command alarm that activate the processes such as SDXC/SDHC/SD memory recording, E-mail notification, HTTP alarm notification, Indication on browser and Panasonic alarm protocol output</p> <p>The 360-degree Fisheye Camera must conform to the ONVIF® Profile G/M/S/T</p> <p>The user must be able to view video on a PC using a browser</p> <p>The user must be able to view video on a smartphone and tablet using viewer software for iPhone and Android</p>		
7	<p>INDOOR 360 FISHEYE NETWORK CAMERA</p> <p>The 360-degree Fisheye Camera must deliver H.265 stream, H.264 stream and JPEG stream</p> <p>The 360-degree Fisheye Camera must produce a resolution of 2192×2192 pixels at up to 30 fps with a fisheye mode</p> <p>The 360-degree Fisheye Camera must produce a resolution of 1920×1080 pixels at up to 30 fps with a double panorama mode</p> <p>The 360-degree Fisheye Camera must be able to utilize an approximate 1/3 type high sensitivity CMOS image sensor.</p> <p>The 360-degree Fisheye Camera must feature a 120 dB wide dynamic range</p> <p>The 360-degree Fisheye Camera must produce a color image with a minimum illumination of 0.15 lux</p>		

	and a monochrome image with 0.1 lux at F2.4, maximum shutter of 1/30s and AGC 11		
	The 360-degree Fisheye Camera must generate multiple simultaneous video streams of up to two (2) H.265 (Main profile) or H.264 (High profile) streams and JPEG streams		
	The 360-degree Fisheye Camera must be equipped with intelligent auto mode monitors scene dynamics and motion to adjust key camera settings automatically in real-time reducing distortion such as motion blur on moving objects		
	The 360-degree Fisheye Camera must be equipped with GOP control of bitrate reducing technology which five control modes included frame rate control for longer recording and less storage		
	The 360-degree Fisheye Camera must be able to produce encrypted stream		
	The 360-degree Fisheye Camera must be able to realize SSL / TLS communication with CA certificate		
	The 360-degree Fisheye Camera must offer Video Motion Detection (VMD) with four (4) programmable detection areas, 15 steps sensitivity level and 10 steps detection size		
	The 360-degree Fisheye Camera must be bundled with AI-VMD(AI Video Motion Detection) and People Counting and Heat map and Occupancy detection and AI Privacy Guard Licenses		
	The 360-degree Fisheye Camera must have Fog compensation function		
	The 360-degree Fisheye Camera must have High light compensation (HLC) function		
	The 360-degree Fisheye Camera must provide up to eight (8) areas of electronic privacy masking		
	The 360-degree Fisheye Camera must be able to offer the prioritized stream control which transmits a video stream to a specified client PC or recorder preferentially		
	The 360-degree Fisheye Camera must have a SD memory card slot that supports SD, SDHC and SDXC memory card for local storage		
	The 360-degree Fisheye Camera must offer full-duplex bi-directional audio communication capability between the camera and monitoring site		
	The 360-degree Fisheye Camera must have three (3) alarm sources of terminal input, VMD, command alarm that activate the processes such as SDXC/SDHC/SD memory recording, E-mail notification, HTTP alarm notification, Indication on browser and Panasonic alarm protocol output		
	The 360-degree Fisheye Camera must conform to the ONVIF® Profile G/M/S/T		
	The user must be able to view video on a PC using a browser		
	The user must be able to view video on a smartphone and tablet using viewer software for iPhone and Android		
8	FIXED DOME NETWORK CAMERA		

	<p>The Fixed Dome Camera must deliver H.265 stream and H.264 stream</p>		
	<p>The Fixed Dome Camera must produce a resolution of 1920x1080 pixels at up to 60 fps with a 16:9 aspect ratio, 1280x960 pixels at up to 30 fps with a 4:3 aspect ratio, and 2048x1536 pixels at up to 15 fps with a 4:3 aspect ratio</p>		
	<p>The Fixed Dome Camera must utilize an approximate 1/2.8 type high sensitivity CMOS image sensor</p>		
	<p>The Fixed Dome Camera must have built-in AI engine to enable analytical applications on network edge. Built-in AI engine supports the detecting suspicious changes in captured scenes, optimizing the image settings of the camera (based on captured scene analysis) for better image usability, and optimizing video compression through captured scenes to save bandwidth</p>		
	<p>The Fixed Dome Camera must enables to install the optional analytics applications with including developed by third party companies using this camera's SDK</p>		
	<p>The Fixed Dome Camera must feature a 144dB wide dynamic range based on Enhanced Super Dynamic and built-in AI engine and Adaptive Black Stretch technology (ABS).</p>		
	<p>The Fixed Dome Camera must be able to produce a color image with a minimum illumination of 0.007 lux and a monochrome image with 0.006 lux at F1.3, shutter speed of 1/30s</p>		
	<p>The Fixed Dome Camera must offer a built-in IR illumination to produce a clear monochrome image in zero lux conditions with 70m (230 feet) irradiation distance</p>		
	<p>The Fixed Dome Camera must be able to generate multiple simultaneous video streams of up to four (4) H.265 (Main profile) or H.264 (High profile) streams and JPEG streams</p>		
	<p>The Fixed Dome Camera must be equipped with AI intelligent auto mode which is the technology for shooting license plate and person's face more clearly</p>		
	<p>The Fixed Dome Camera must be equipped with GOP controls including smart facial coding and frame control and it reduce bit rate by controlling the image quality of still areas, moving areas, and faces with AI engine</p>		
	<p>The Fixed Dome Camera must be equipped with corridor mode enables the capture of a more vertically oriented area than the normal format would allow</p>		
	<p>The Fixed Dome Camera must be able to produce encrypted stream</p>		
	<p>The Fixed Dome Camera must be able to realize SSL / TLS communication with CA certificate</p>		
	<p>The Fixed Dome Camera must be rated to IK10 vandal resistance</p>		
	<p>The Fixed Dome Camera must be able to offer Video Motion Detection (VMD) with four (4) programmable</p>		

	<p>detection areas, 15 steps sensitivity level and 10 steps detection size</p> <p>The Fixed Dome Camera must be able to offer Scene Change Detection (SCD) is possible to issue an alarm when a camera is covered with something or the camera direction is changed to shoot a different subject</p> <p>The Fixed Dome Camera must have Fog compensation function</p> <p>The Fixed Dome Camera must have High light compensation (HLC) function</p> <p>The Fixed Dome Camera must have Super Chroma Compensation (SCC) which realizes a better color reproducibility in the low illumination</p> <p>The Fixed Dome Camera must be able to provide up to eight (8) areas of electronic privacy masking</p> <p>The Fixed Dome Camera must be able to offer the prioritized stream control which transmits a video stream to a specified client PC or recorder preferentially</p> <p>The Fixed Dome Camera must have a microSD memory card slot that supports microSD, microSDHC and microSDXC memory card for local storage</p> <p>The Fixed Dome Camera must be able to offer full-duplex bi-directional audio communication capability between the camera and monitoring site</p> <p>The Fixed Camera must have three (3) alarm sources of terminal input, VMD, command alarm, and audio detection alarm that activate the processes such as SDXC/ SDHC/SD memory recording, E-mail notification, HTTP alarm notification, Indication on browser, FTP image transfer and TCP alarm notification output</p> <p>The Fixed Dome Camera must conform to the ONVIF® Profile G/M/S/T</p> <p>The user must be able to view video on a PC using a browser</p> <p>A user shall be able to view video on a smartphone and tablet using viewer software for iPhone and Android</p>		
9	<p>FACE DETECTION SERVER SOFTWARE</p> <p>The AI face detection application software must be able to perform high precision with deep learning technology</p> <p>The AI face detection application software must be able to extracts face feature of detected person</p> <p>The AI face detection application software must be able to transmit best-shot images of up to 8 people per 1 second and feature value to the AI server</p> <p>The AI face detection application software must have up to 8 mask areas can be set to prevent false detection</p> <p>The AI face detection application software must support the drawing of polygonal mask areas (up to 16 vertices)</p> <p>The AI face detection application software must support 99 levels (1 (Low) – 99 (High)) of detection sensitivity</p>		

	<p>The AI face detection application software must be able to allow the image size of the best shot to be set as either 160 x 160 or 320 x 320</p> <p>The AI face detection application software must be able to create two timetables that can each set six operation times for AI face detection</p> <p>The AI face detection application software must support the following protocols for transmission to external devices:</p> <ul style="list-style-type: none"> • HTTP (CGI) • RTP (video stream header) • RTP (Onvif meta stream) 		
10	<p>AI PEOPLE DETECTION</p> <p>The AI people detection application software must be able to perform high precision with deep learning technology</p> <p>The AI people detection application software must be able to classify person's attributes of 11 items and 46 types. Following is a list of the attributes:</p> <ul style="list-style-type: none"> • Gender (Male/Female) • Age (0-10/11-20/21-60/61-) • Hair length (Long/Short/Hat) • Hair color (Black/Brown/White/Gray/Gold) • Sunglasses (Sunglass/No Sunglass) • Beard (Beard/No Beard) • Mask (Mask/No Mask) • Tops type (Long/Short) • Tops color (Black/Brown/White/Gray/Green/Red/Blue/Yellow/Orange/Purple/Pink) • Bottom type (Long/Short) • Bottom color (Black/Brown/White/Gray/Green/Red/Blue/Yellow/Orange/Purple/Pink) <p>The AI people detection application software must be able to transmit best-shot images of up to 20 people per 1 second and attribute information to the AI server</p> <p>The AI people detection application software must have up to 8 mask areas can be set to prevent false detection</p> <p>The AI people detection application software must support the drawing of polygonal mask areas (up to 16 vertices)</p> <p>The AI people detection application software must support 99 levels (1 (Low) – 99 (High)) of detection sensitivity</p> <p>The AI people detection application software must be able to create two timetables that can each set six operation times for AI face detection</p> <p>The AI people detection application software must support the following protocols for transmission to external devices:</p> <ul style="list-style-type: none"> • RTP (Video Stream Header) • RTP (ONVIF Meta Stream) 		
11	<p>AI VEHICLE DETECTION</p>		

	<p>The AI vehicle detection application software must be able to perform high precision with deep learning technology</p> <p>The AI vehicle detection application software must be able to classify vehicle's attributes from 7 car types and 10 colors. Following is a list of the attributes:</p> <ul style="list-style-type: none"> • Type (Truck/Bus/SUV/Van/Sedan/Pickup/Two wheels) • Color (Black/Brown/White/Gray/Green/Red/Blue/Yellow/Purple/Pink) <p>The AI vehicle detection application software must be able to transmits best-shot images of up to 20 vehicles per 1 second and attribute information to the AI server</p> <p>The AI vehicle detection application software must have up to 8 mask areas can be set to prevent false detection</p> <p>The AI vehicle detection application software must be able to allow up to 8 mask areas to be specified and up to 16 vertices to be set for each area</p> <p>The AI vehicle detection application software must support 99 levels (1 (Low) – 99 (High)) of detection sensitivity for both vehicles and motorcycles</p> <p>The AI vehicle detection application software must be able to create two timetables that can each set six operation times for AI face detection</p> <p>The AI vehicle detection application software must support the following protocols for transmission to external devices:</p> <ul style="list-style-type: none"> • RTP (Video Stream Header) • RTP (ONVIF Meta Stream) 		
12	VIDEOWALL SOLUTION		
12.1	<p>Video Display Controller</p> <p>Form Factor 1U rack server Processor 4-Core, 8-Threads 2.5MB cache per core Memory 16GB Hard Disk 2 x 1TB RAID Support 0/1 External input port 4 x USB interface Network Interface Dual gigabit RJ45 port, 100/1000Mbps adaptive Ethernet port Power Supply 200-240 VAC, 50/60 Hz, Hot swappable, 1+1 redundant power supply Cooling fan Hot swappable, redundant cooling fans On System Management Embedded management features that provides built-in server health monitoring and alerting capability thru a management port Operating System Windows Server 2019 Inclusions Windows 2019 Installation CD with License 19-inch rack mounting kit/rail 2 x 1.5m C13 to C14 Power cord</p>		
12.2	<p>Video Input Processor</p> <p>Input connector 2 x DVI-I, support analog and digital</p>		

	<p>RGB Signal Input Format Analog RGB with any sync type (composite, separate, sync on green) Digital DVI, HDCP support Input Pixel Rate Up to 165MHz pixel clock Input Color Depth 24 bit per pixel Input Channel 2 Output connector 2 x DVI-I, support analog and digital RGB Signal Output Format Analog RGB with any sync type (composite, separate, sync on green) Digital DVI, HDCP support Output Pixel Rate Up to 165MHz pixel clock Output Color Depth 24 bit per pixel Output Channel 2 Network Two (2) x Gigabit 1000 Base-T, RJ45 Network protocols DHCP, UDP, RTP/RTCP, TCP/IP IP Address Static IP address, Automatic IP address Software Control Latest compatible software version IE6.0 or above (Client) Supported resolution Up to 2048 x 1200 resolution with 60 fps Features:</p> <ul style="list-style-type: none"> ● Supports 2 channel and captures digital and analog progressive scan RGB signal ● Provides both digital and analog loop through ● Support user defined resolution up to 3800x2000 ● DDC-DDC EDID switchable loop-through ● Automatic signal format detection for plug-and-play performance ● Advance image edge enhancement and automatic gamma correction Input Voltage 100-240 VAC, 50/60 Hz <p>Inclusion</p> <ul style="list-style-type: none"> ● 2-pcs DVI-I to HD15 Converter ● 19-inch rack mounting kit ● 2 x 1.5m C14 Power cable/adapter per processor <p>MTBF >100,000 Hrs</p>		
<p>12.3</p>	<p>Display Processor</p> <p>Output connector 2 x DVI-I , support HDCP Output Pixel Clock Up to 165MHz Refresh frequency 50/60Hz Output Color Depth 24 bits per pixel Output Channel 2 Network Two (2) x Gigabit 1000 Base-T, RJ45 Network protocols DHCP, UDP, RTP/RTCP, TCP/IP IP Address Static IP address, Automatic IP address Software Control Windows Server 2008 (Server) or higher IE6.0 or above (Client) Output resolution Up to 2048 x 1200 @ 60Hz Input Voltage 100-240 VAC, 50/60 Hz Features:</p> <ul style="list-style-type: none"> ● Displays up to 64 video sources as fully scalable windows ● Can be an independent output or a tile of an entire display wall 		

	<ul style="list-style-type: none"> High accuracy frame-synchronization eliminates motion artifacts <p>MTBF >100,000 Hrs Inclusion 19-inch rack mounting kit 2 x 1.5m C14 Power cable/adaptor per processor</p>		
<p>12.4</p>	<p>LED Display</p> <p>PANEL Panel Size 55-inches super narrow Bezel Technology IPS RGB Aspect Aspect Ratio 16:9 Native Resolution 1,920 x 1,080 (FHD) Brightness (Typ.) 700 cd/m2 Contrast Ratio 1,200:1 Viewing Angle (HxV) 178 X 178 Response Time 8 ms (G to G) Surface Treatment Haze 3% Life Time (Typ.) 60,000 Hrs Operation Hours 24 Hrs Orientation Landscape & Portrait</p> <p>CONNECTIVITY Input HDMI (2), DP, DVI-D, Audio, USB Output DP, Audio ExternalControl RS232C In/out, RJ45 (LAN) In/out, IR In</p> <p>MECHANICAL SPECIFICATION Bezel Color Black Bezel Width 0.44 mm (Even) Monitor Dimension(WxHxD) 1,210.51 x 681.22 x 86.5 mm Weight(Head) 16.8 kg Carton Dimensions(WxHxD) 1,353 x 855 x 263 mm Packed weight 23kg Handle Yes VESATM StandardMount Interface 600 x 400 m</p> <p>KEY FEATURE Internal Memory 8GB (System 4GB, Available 4GB), Temperature Sensor, Tile Mode (Up to 15x15), UHD Daisy Chain (Up to 10x10), ISM Method, DPM Select, DPM Wake Up, Smart Energy Saving, File Play with USB, USB Cloning, Contents Scheduling, Calibration Mode, PM Mode, HDMI-CEC*, Wake on LAN, Content Rotation, No Signal Image (Up to 5MB), OPS Power Control, Scan Inversion (with Pivot Mode)</p> <p>ENVIRONMENT CONDITIONS Operation Temperature 0°C to 40°C Operation Humidity 10% to 80% resistant to dust and moisture penetration</p> <p>POWER Power Supply 100-240V~, 50/60Hz Power Type Built-In Power PowerConsumption (Typ) 210W PowerConsumption (Max) 250W</p>		

	<p>CERTIFICATION Safety IEC 60950-1 / EN 60950-1 / UL 60950-1 EMC FCC Class "A" / CE / KC ErP/Energy Star N/A / Yes (Energy Star 7.0)</p> <p>MEDIA PLAYER COMPATIBILITY OPS Type Compatible Yes (Piggyback) External Media Player Attachable Yes (MP500 / MP700)</p> <p>SOFTWARE COMPATIBILITY Content Management Software SuperSign CMS Control and Monitoring Software SuperSign Control / Control+</p> <p>ACCESSORIES Basic Remote Controller, Power Cord, RS232C Cable, Lan Cable, DP Cable, IR Receiver, Guide Bracket, Screws, Manual Optional Wall Mount (Landscape : WM-L640V, Portrait : WM-P640V) OPS Kit (KT-OPSA)</p>		
<p>13</p>	<p>MANAGEMENT AND MONITORING SOFTWARE</p> <p>The Management and Monitoring software shall support up to 500 recorders with an optional extension license</p> <p>The Management and Monitoring software shall support up to 32,000 cameras via recorder with an optional extension licenses</p> <p>The Management and Monitoring software shall manage a network disk recorder and DVR (for analog cameras) concurrently</p> <p>The Management and Monitoring software shall be operated with a controller</p> <p>The Management and Monitoring software shall offer an operation screen, a live screen and a map screen</p> <p>The Management and Monitoring software shall automatically switch video streams depending on the number of the number of split-screen to save the bandwidth</p> <p>The Management and Monitoring software shall be equipped with a thumbnail search function to find a search point easily</p> <p>The Management and Monitoring software shall be equipped with cropping function for 4K image and the dewarping function for 360-degree image</p> <p>The Management and Monitoring software shall offer the download and playback function of mp4 videos</p> <p>The Management and Monitoring software shall be equipped with an analytics function (people counting and heat-mapping)</p> <p>The Management and Monitoring software shall be equipped a local authentication and an authentication with Active Directory</p> <p>The Management and Monitoring software shall support the user level management</p> <p>The Management and Monitoring software shall receive encrypted stream and play it</p>		

	The Management and Monitoring software shall realize SSL / TLS communication with CA certificate		
	The Management and Monitoring software shall offer an optional image visibility enhancement function for monitoring images more clearly in bad weather		
	The Management and Monitoring software shall offer an optional face search function for monitoring using a person's face		
14	FIBER BACKBONE		
	Fiber optic outdoor cable, steel armored with central steel wire strength member, Multi-tube, SM 9/125, PE, 8 core		
15	POE SWITCHES		
	The switch must have at least 56Gbps switching capacity		
	The switch must have at least 42Mpps forwarding performance		
	The switch interface must have at least 24*10/100/1000 Base-T port and 4 SFP port		
	The switch must have at least dual modular power		
	The switch must have built-in free NMS, support one-click startup and web smart management of the entire network, include FTP server configuration, global configuration, upgrade and backup, monitoring and failure replacement, network topology visualization		
	The switch must support at least 8k MAC address		
	The switch must support at least 500 IPv4 routing entries		
	The switch must support stacking through standard Ethernet ports (10G), and stack remotely		
	The switch must support at least 16Gb stacking bandwidth		
	The switch must support triple function, the port must have 802.1X, MAC authentication and Portal function		
	The switch must support SAVI function, the DHCPv6 client can only use the IPv6 address obtained by DHCPv6 to access the network in SAVI DHCPv6-only mode		
	The switch must support at least 4094 VLANs		
	The switch must support Port-based VLAN, MAC-based VLAN, Protocol-based VLAN		
	The switch must support local port mirroring and flow mirroring		
16	ACCESS SWITCH		
	The switch must have at least 128Gbps switching capacity		
	The switch must have at least 96Mpps forwarding performance		
	The switch interface must have at least 24 x 10/100/1000Base-T port and 4 x SFP+ port		
	The switch must have built-in free NMS, support one-click startup and web smart management of the entire network, include FTP server configuration, global configuration, upgrade and backup, monitoring and failure replacement, network topology visualization		

	<p>The switch must support at least 32k MAC address and at least 2M buffer</p> <p>The switch must support stacking through standard Ethernet ports (10G), and stack remotely</p> <p>The switch must support triple function, the port must have 802.1X, MAC authentication and Portal function</p> <p>The switch must support SAVI function, the DHCPv6 client can only use the IPv6 address obtained by DHCPv6 to access the network in SAVI DHCPv6-only mode</p> <p>The switch must support at least 4094 VLANs</p> <p>The switch must support Port-based VLAN, MAC-based VLAN, Protocol-based VLAN</p> <p>The switch must support local port mirroring and flow mirroring</p>		
17	<p>CORE SWITCH</p> <p>The switch must have at least 2.56 Tbps switching capacity</p> <p>The switch must have at least 240 Mpps forwarding performance</p> <p>The switch interface must have at least 24 × 1/10GE SFP+ ports, 2 × QSFP+ ports (40GE, can be split into four 10GE ports.), 2 × expansion slots, 2 × fan tray slots, and 2 × power module slots</p> <p>The switch must have at least dual modular power</p> <p>The switch must have built-in free NMS, support one-click startup and web smart management of the entire network, include FTP server configuration, global configuration, upgrade and backup, monitoring and failure replacement, network topology visualization</p> <p>The switch must support at least 32K MAC address</p> <p>The switch must support at least 16K routing table</p> <p>The switch must support at least 16K ARP entry</p> <p>The switch must support at least 9 stacks</p> <p>The switch must support at least 160G stacking bandwidth</p> <p>The switch must support stacking through standard Ethernet ports (both 10GE and 40GE ports), and stack remotely</p> <p>The switch must support VxLAN Layer2 & Layer3 gateway and EVPN</p> <p>The switch must support triple function, the port must have 802.1X, MAC authentication and Portal function</p> <p>The switch must support SAVI function, the DHCPv6 client can only use the IPv6 address obtained by DHCPv6 to access the network in SAVI DHCPv6-only mode</p> <p>The switch must support MacSec link protection protocol</p> <p>The switch must support at least 4094 VLANs</p> <p>The switch must support Port-based VLAN, MAC-based VLAN, Protocol-based VLAN</p> <p>The switch must support at least 8 port aggregation and at least 128 aggregation groups</p> <p>The switch must support local port mirroring,</p>		

	<p>remote port mirroring RSPAN and flow mirroring</p> <p>The switch must support IGMP v1/v2/v3, MLD v1/v2, MSDP, MSDP for IPv6, MBGP, MBGP for Ipv6</p> <p>The switch must support IPv4 static route, RIP V1/V2 OSPF、BGP、ISIS, IPv6 static route, RIPng、OSPFv3、BGP4+</p> <p>The switch must support policy routing in IPv4 & IPv6 , IPv6 manual tunnel, 6to4 tunnel and ISATAP tunnel</p> <p>The switch must support VRRP, RRPP, Smartlink, RSTP, MSTP, PVST, convergence time ≤ 50ms</p> <p>The switch must support IPv6 ACL, and outbound ACL for flexible packet filtering</p> <p>The switch must support 802.1x authentication, centralized MAC address authentication</p> <p>The switch must support SDN & OPENFLOW 1.3, group table and multi-table pipeline</p> <p>The switch must support SNMP V1/V2/V3, RMON, SSHV2, OAM</p> <p>The switch must support port scheduled down and port sleep, close the ports without application</p>		
18	<p>PC SERVER FOR CCTV MANAGEMENT AND MONITORING</p> <p>Must have at least 5.40 GHz Max Turbo Frequency</p> <p>Must have at least 16 Total Cores</p> <p>Must have at least 24 Total Threads</p> <p>Must have at least 32GB Random Access Memory (RAM)</p> <p>Must have at least 2 TB Solid State Drive (SSD)</p> <p>Must have CD-ROM Drive</p> <p>Must have a 100/1000 Mbps network port</p>		
19	<p>AI SERVER</p> <p>The AI server must be able to receive metadata and best shot images from cameras where the AI face detection, AI people detection and AI vehicle detection application software are installed and provide a screen for operations such as entering search conditions, displaying and sorting search results and displaying operations linked with a Video Management System (VMS) server</p> <p>The AI server must be able to store each type of data (face, human, vehicle, alarm history) for a maximum of 31 days after it is received</p> <p>The AI server must support the following search conditions:</p> <ul style="list-style-type: none"> • Face: Date and time, camera • Human: Attributes, date and time, camera, direction of movement (8 directions), exclude black and white images from search, search only images where faces are recognized • Vehicle: Attributes, date and time, camera, direction of movement (8 directions), exclude black and white images from search <p>The AI server must support the registration of a maximum of 1000 faces. These can be matched with the face metadata received from the AI face detection and alarms can be sent to the VMS server</p>		

	<p>The AI server must support the registration of a maximum of 12 combinations of attributes for people. These can be matched with the human metadata received from the AI people detection and alarms can be sent to the VMS server</p> <p>The AI server must be able to either be installed on the computer where the VMS is installed or be installed on a stand-alone computer separate from the one where the VMS is installed</p> <p>The AI server must be able to sort search results by time or by similarity as judged by the AI</p> <p>The AI server must be able to offer thumbnails that can be selected from the list of search results corresponding to an attribute selected by the user and attributes identified from each thumbnail by the system can be used to search only results that are similar to the selected person</p> <p>The AI server must be able to allow thumbnails displayed in the search results and video files from around that time to be exported</p> <p>The AI server must support the saving and restoration of search conditions. The date and time and camera details can be bookmarked to replay the footage from that camera from that date and time later (Video Insight only)</p> <p>The AI server must be able to offer the option to export the video data as a replayable video file</p> <p>The AI server must support the displaying the location of the footage being played on a map</p> <p>The AI server must be able to manage up to 100 network cameras if it is installed on the computer where the VMS operates. If it is installed on a separate computer, up to 300 network cameras can be managed</p> <p>The AI server must be able to offer the viewing of the latest information, including the connection status of each camera, the date and time when the latest data was received from the application, an automatic diagnostic function for communication with the application, the CPU of the computer, memory, disk access, remaining HDD space, network usage and processing status of the software in a web browser</p> <p>The AI server must be able to offer the viewing of CPU, memory, disk access, remaining HDD space and network usage for the past month in a web browser. It is possible to check history data indicating the number of faces, people, vehicles and alarms that have been detected by each camera each hour and the total number of data items in the database</p>		
20	<p>COMMAND CENTER</p> <ul style="list-style-type: none"> • Operator's Console (2 Units), <ul style="list-style-type: none"> a. Completely knocked down design. b. Shall be suitable for a Sit / Stand type for improved ergonomics. c. The bidder shall submit design/drawing for approval of the end-user. 		

	<p>d. Work Surface shall be at least 25mm thick with comfort edge and laminated finished.</p> <p>e. Understructure shall be epoxy powder coated Cold Rolled Steel (CRS).</p> <p>f. Shall include cable grommet with cap to allow easy routing of wires from lower cable management to desktop monitors.</p> <p>g. Shall include cable management solutions that are easily accessible.</p> <p>h. Shall include four (4) ergonomic LED arm mounting solution to have the LED panels fixed to the console work surface at BMRCC-Davao Dispatch Arena.</p> <p>i. Shall include six (6) ergonomic LED arm mounting solution to have the LED panels fixed to the console work surface at BMRCC-Davao Dispatch Arena.</p> <p>j. The LED arm shall be able to accommodate up to 24" Widescreen LED Monitors, shall be able to rotate and pan the LED by 360deg, tilt by 75deg, lift by 30cm and extend by 40cm.</p> <p>k. The LED arm shall have VESA mounting for 75 x 75mm and 100 x 100mm</p> <p>l. The LED arm shall have a lift-and-pivot motion technology for flexible adjustment without additional manual locking in moving the LED monitor.</p> <p>m. Shall include ergonomic task chair with adjustable headrest and armrest.</p> <p>n. The ergonomic chair shall have pneumatic seat height adjustment.</p> <p>o. The ergonomic chair shall be Nylon base with castors.</p> <p>p. Carpentry works shall not be acceptable.</p> <ul style="list-style-type: none"> • q. One (1) year warranty 		
	Raised Flooring System		
	<p>Civil Works</p> <ul style="list-style-type: none"> • Door Access Control • Glass Window • Painting Works" • Cable Management • Power and Network Cable Trays 		
21	AIR CONDITIONING UNIT (ACU)		
	<p>Air Conditioning Units (2 Units)</p> <ul style="list-style-type: none"> • 2HP, Split type • Inverter with Capable of scheduled transfer duty for both ACU • 3 years warranty and PM • All cooling equipment shall be provided with the necessary condensate drain 		
22	IDF CABINET		
	<p>Wall Mount Cabinet, height 15U, width 600mm, depth 600mm, Black and Data Rack Accessories</p>		
23	UNINTERRUPTIBLE POWER SUPPLY (UPS)		
23.1	3KVA UPS (2 Units)		

	<p>INPUT Rated power: 3000VA Voltage: 220V / 230V / 240V Voltage tolerance: 230V ±20% Frequency: 50Hz / 60Hz ±5 Frequency tolerance: 50Hz ±5% / 60Hz ±5% Power factor: > 0.98 Current distortion: ≤7% Active power: 2700 W Waveform: Sinusoidal Voltage distortion with nonlinear load: ≤3.5% Voltage distortion with linear load: <2% Batteries Type: VRLA AGM maintenance-free lead based Typical recharge time: 2-4 h</p>		
23.2	<p>1.5KVA UPS (12 Units) Rated power:1500VA Voltage: 220V / 230V / 240V Voltage tolerance: 230V ±20%Hz Frequency 50Hz / 60Hz ±5 Frequency tolerance 50 Hz ±5% / 60Hz ±5% Power factor: >0.98 Current distortion: ≤7% Active power:1350W Waveform: Sinusoidal Voltage distortion with nonlinear load: ≤3.5% Voltage distortion with linear load:<2% Batteries Type: VRLA AGM maintenance-free lead based Typical recharge time: 2-4 h</p>		
24	<p>SECONDARY MONITORING Video Monitoring 2 x Smart Display 21" Smart TV with Bracket NUC KVM Cables and Accessories</p>		
25	<p>ARCHIVING 12-bay Rack Station (up to 24-bay), Quad Core 2.2 GHz, 4GB RAM (up to 32GB) 10GbE NIC & M.2 SATA SSD support (optional), Redundant power Synology Sliding rail kit 12TB 3.5" Enterprise-Grade SATA HDD designed for Synology NAS 8 units of 8-bay DiskStation (up to 18-bay), Quad Core 2.2 GHz 4GB RAM (up to 32GB) 10GbE NIC & M.2 SATA SSD support (optional) 16TB 3.5" Enterprise-Grade SATA HDD designed for Synology NAS</p>		

Terms of Reference

RATIONALE

The Closed-Circuit Television (CCTV) Surveillance System is a technology that will support and improve security and monitoring within the facilities of the Department of Education Central Office.

The Department of Education Central Office has been using Analog CCTV cameras in different strategic locations. For many years, the abovementioned device has served as the Department's day-to-day monitoring to ensure the safety of DepEd officials, employees, and guests, as well as during the working day for added security. Because some of the installed cameras were already obsolete and no longer functioned properly. With recent technological advancements and newer security cameras and CCTV systems, it was necessary to rehabilitate and upgrade the existing CCTV cameras to IP-based CCTV cameras combined with Facial Recognition System, License Plate Recognition System, and Security Operation Center.

OBJECTIVES

1. Upgrade the existing Analog Close Circuit Television (CCTV) to IP-based CCTV System
2. Establish a Security Operation Center to centrally manage the installed IP-based CCTV System
3. Provide capacity building to DepEd Central Office Security personnel.

I. SCOPE OF WORK AND ACTIVITIES

1. To ensure the quality of service, the contractor shall submit the following documents for the end-to-end solution for the structure cabling system:
 - a. Proposed Detailed Plan/Design and Specifications for Structured Cabling and CCTV Solution subject for the approval of the DepEd prior to the installation of the CCTV System;
 - b. Project Management Plan which provides an implementation timeline that reflects all the milestones in the Gantt chart;
 - c. "As-built" drawing duly signed and sealed by the Professional (Electrical Engineer, Professional Electronics Engineer, Civil Engineer, and Mechanical Engineer);
 - d. At least one (1) copy of the technical manual/brochure (English) in printed and electronic (soft copy) format.
 - e. Warranty certification from the CCTV Manufacturer
 - f. Documentation on equipment installation, operation, configuration, testing and other related technical documents.
2. Responsibility and Accountability of the Winning Bidder
 - a. Submission or acquisition of all required permits

- b. Supply of labor, delivery and installation of various fiber cables and components of CCTV System at DepEd Central Office including its power supply requirements and installation network cabling terminating at the command center
 - c. Conduct of site survey and provisions of appropriate site specifications for the supplied materials
 - d. Provision of the in-house wiring, from the network rack where the active components are located
 - e. Supply, delivery and installation of Category 6 UTP cable, Fiber optic cable, metal support for Cable Gutter, PVC conduits, and other consumables
 - f. Decommissioning of old CCTV and Cables in compliance with the AMD disposal process
 - g. End to end Tagging and Labelling
 - h. Conduct Testing and Commissioning
 - i. Furnishing of all equipment, labor, materials, tools, and equipment, and performance of all operations necessary to complete the supply, delivery, installation, testing and commissioning of IP CCTV System, Structured Cabling, Network Active and Security Operation Center components, of DepEd Central Office
 - j. Removal and proper disposal of material and waste generated by this project including debris, surplus materials, equipment, etc.
 - k. Restoration of damaged property caused by excavation, installation, maintenance and/or removal of cabling equipment and other procedures conducted to accomplish the project at no additional cost to the Department
 - l. Property or personal damages or claims, including damage to existing structures, systems, equipment and/or site caused by the contractor, repair or replacement of the goods to its original condition at no additional cost to the office.
3. Training
- a. Provide demonstration and training for Personnel that will be assigned to monitor CCTV system and maintain CCTV equipment. Appropriate certification must be issued to the participants.
4. Warranty
- a. Provide warranty service within the warranty period. Provide upgrades and patches to be installed free of charge during the warranty period. The bidder shall be responsible for all the costs related to the warranty period for hardware products.
5. Render support services to DepEd Central Office within the warranty period as follows:
- a. Technical support through phone calls or email within regular working hours from Monday to Friday, 8:00AM to 5:00PM
 - b. In case of defective equipment, replacement with the same or higher specifications

- c. Rectification and/or replacement of any part that fails to pass any test/inspection or make alteration necessary to meet the specification
 - d. Responsibility and accountability for any damage caused solely by the Prospective bidder or its agent to the DepEd Central Office Building as a direct result of the installation maintenance, and removal of any cabling components and devices
6. Products Requirements
- a. For IT equipment, the proposed brand and product parts must be certified by the brand and product manufacturer as being readily available and serviceable for at least five (5) years after delivery and acceptance of goods.
 - b. A twenty-five (25) year system warranty certificate shall be issued by the Cabling System Manufacturer after audit by a technical engineer from the Cabling System Manufacturer for the structured cabling system installed.
 - c. All items that will be offered and delivered for the project must be brand-new, and the model (if applicable) must be current and not in "end of life" as reflected in the current product line found in the manufacturer's official website, official product brochure, or similar literature, as well as in the Manufacturers' Certificate issued for this purpose.

II. INSTALLATION

1. The Winning Bidder shall coordinate with the building Administrator with regard to internal work permitting procedures and requirements prior to the commencement of the actual work.
2. The Winning Bidder shall provide the required safety and security tools and the same in carrying the work such as safety shoes, safety hat, safety gaggles, safety harness and others.
3. The building administrator and/or the DepEd shall have the authority to impose rules and regulations in compliance with the requirements of the project.
4. The Winning Bidder shall ensure that there will be minimal disruption to the day-to-day operation of the DepEd during the implementation of the project.
5. All work shall be performed in a workmanlike manner.
6. There must be a provision for expansion and the system should be capable for future enhancement (i.e., additional CCTV cameras)
7. On completion of work, the Winning Bidder should provide DepEd drawings documenting location of and ID number of all horizontal cable terminations and all backbone cable pathways. All drawings and documentation should be provided to DepEd in both soft copy file and full-size print documents.
8. DepEd shall not be responsible for lack of materials and equipment to be supplied by the Winning Bidder. It shall be the sole responsibility of the Winning Bidder to assess

and re-assess on the Materials to be supplied to the Agency and shall be DEPED CENTRAL OFFICE's property.

III. COMMISSIONING, TESTING AND ACCEPTANCE

1. The Winning Bidder must conduct commissioning and testing to ensure the maximum level of reliability by reviewing and testing the physical design of the CCTV System as a whole.
2. The Winning Bidder may request for approval of schedule for joint commissioning and testing from ICTS -TID and DepEd Inspectorate team at least 7 days after all active components are power up and functional.
3. The joint testing scope will include the quality and functionality of the installation and/or equipment and the workmanship.
 - a. Fiber Splicing and Termination Acceptance Test **(Annex C)**
 - b. Cat6 Cabling Acceptance Test **(Annex D)**
 - c. Switch Stress and Functionality Test. **(Annex E)**
 - d. CCTV Functionality Test **(Annex F)**
4. Any defect(s) observed on the commissioning and testing shall be properly documented. All defect(s) shall be rectified by the Winning Bidder within five (5) days and subject for another specific joint acceptance test provided that the activities are free of cost to DepEd.
5. Upon completion of Commissioning and Testing, DepEd shall issue a certificate of acceptance subject for payment.
6. Nothing in this clause shall in any way relieve the winning bidder from any warranty or other obligations under this Contract.

IV. OTHER REQUIREMENTS

1. The prospective bidder must conduct a Site Survey/Inspection prior to submission of bids at their own expense. Addition to which, the following should be met:
 - a. Prospective bidder must provide the list of personnel that would be onsite to conduct the site survey.
 - b. Prospective bidder shall provide photocopies (2 copies) of Company Issued ID at the time of inspection attached to the Letter request for Site survey/inspection.
2. Other documentary requirements to be submitted by bidder:
 - a. Proposed design, configuration, and specifications of offered design, systems and technology shall show compliance, compatibility and best fit to the desired systems subject for evaluation of the procuring entity.
 - b. Proposed Work Plan and Detailed Implementation Schedule for the Project covering the whole period. Prospective Bidders are required to conduct site inspection. This is to ensure the reliability, security, and efficiency of the required

services that the prospective bidder shall perform. Timeframe should be specified for each activity to be done and shall include Gantt Chart Summary.

STATEMENT OF COMPLIANCE

I hereby commit to provide the above specified requirements in compliance with the Technical Specifications and Terms of Reference for the Project: **Rehabilitation and Improvement of DepEd Central Office CCTV System.**

Name and Signature of Bidder's Authorized Representative

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

Checklist of Technical and Financial Documents

I. TECHNICAL COMPONENT ENVELOPE

Class “A” Documents

Legal Documents

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

Technical Documents

- (b) Statement of the prospective bidder of all its ongoing government and private contracts, including contracts awarded but not yet started, if any, whether similar or not similar in nature and complexity to the contract to be bid; **and**
- (c) 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**
- (d) Original copy of Bid Security. If in the form of a Surety Bond, submit also a certification issued by the Insurance Commission **or** Original copy of Notarized Bid Securing Declaration; **and**
- (e) Conformity with the Technical Specifications, which may include production/delivery schedule, manpower requirements, and/or after-sales/parts, if applicable; **and**
- (f) The bidder must partner with at least two (2) authorized service centers (for Laptop and Smart TV) in different provinces in the regions they are bidding and shall provide list of authorized service center/s.
- (g) 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

- (h) 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

- (i) If applicable, a duly signed joint venture agreement (JVA) in case the joint venture is already in existence **or** duly notarized statements from all the potential joint venture partners stating that they will

enter into and abide by the provisions of the JVA in the instance that the bid is successful.

II. FINANCIAL COMPONENT ENVELOPE

- (j) Original of duly signed and accomplished Financial Bid Form; **and**
- (k) Original of duly signed and accomplished Price Schedule(s).

See **Annex "G"** for the Price Schedule Form.

Other documentary requirements under RA No. 9184 (as applicable)

- (l) *[For foreign bidders claiming by reason of their country's extension of reciprocal rights to Filipinos]* Certification from the relevant government office of their country stating that Filipinos are allowed to participate in government procurement activities for the same item or product.
- (m) Certification from the DTI if the Bidder claims preference as a Domestic Bidder or Domestic Entity.

LIST OF ALL ONGOING GOVERNMENT & PRIVATE CONTRACTS INCLUDING CONTRACTS AWARDED BUT NOT YET STARTED

Business Name : _____

Business Address : _____

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

Note: (In case of no ongoing contract, the bidder shall submit this duly signed form and indicate **“No ongoing contracts” or “None” or “Not Applicable (N/A)”** under the Column for Name of Contract (first column from left)

Submitted by: _____

Printed Name and Signature of Authorized Representative

Designation: _____

Date: _____

STATEMENT IDENTIFYING THE SINGLE LARGEST COMPLETED CONTRACT

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 Award b. Amount at Completion c. Duration	a. Date Awarded b. Contract Effectivity c. Date Completed d. Contract Performance certified by End User
			Description	%		
<u>Government</u>						
<u>Private</u>						

Note: The bidder shall be able to support this statement with:

Duly signed Contracts/Purchase Orders (POs)/ Agreements/Memoranda of Agreement (MOA)/Notices of Award (NOA)/Job Orders or Notices to Proceed (NTP) with the corresponding

Certificates of Completion of Delivery (CCDs)/ Certificates of Final Acceptance (CFAs)/duly signed Delivery Receipts (DRs), or duly accomplished Inspection and Acceptance Reports (IARs)

Submitted by : _____

(Printed Name and Signature)

Designation : _____

Date : _____

Joint Venture Agreement Form

KNOW ALL MEN BY THESE PRESENTS:

That this JOINT VENTURE AGREEMENT is entered into By and Between _____, of legal age, (civil status), owner/proprietor of _____ and a resident of _____.
- and -

_____, of legal age, (civil status), owner/proprietor of _____ and a resident of _____.

THAT both parties agree to join together their manpower, equipment, and what is needed to facilitate the Joint Venture to participate in the Eligibility, Bidding and Undertaking of the hereunder stated project to be conducted by the (Name of the Procuring Entity).

NAME OF PROJECT	CONTRACT AMOUNT

That both parties agree to be jointly and severally liable for the entire assignment.

That both parties agree that _____ and _____ own the share and interest of _____ and _____ [indicate percentage of shares] respectively

That both parties agree that _____ and/or _____ shall be the Official Representative of the Joint Venture, and is granted full power and authority to do, execute and perform any and all acts necessary and/or to represent the Joint Venture in the bidding as fully and effectively and the Joint Venture may do and if personally present with full power of substitution and revocation.

THAT this Joint Venture Agreement shall remain in effect only for the above stated Projects until terminated by both parties.

Done this _____ day of _____, in the year of our Lord _____.

SIGNED IN THE PRESENCE OF:

Witness

Witness

REPUBLIC OF THE PHILIPPINES) S.S.
PASIG CITY, METRO MANILA)

A C K N O W L E D G M E N T

BEFORE ME, a Notary Public in and for Pasig City, Metro Manila, Philippines, this _____ day of _____, 201_ personally appeared:

<u>NAME</u>	<u>GOVERNMENT-ISSUED IDENTIFICATION CARD</u>		
	<u>Number</u>	<u>Issued on</u>	<u>Issued at</u>
_____	_____	_____	_____
_____	_____	_____	_____

Known to me and to me known to be the same persons who executed the foregoing instrument and acknowledged to me that same is the free and voluntary act and deed of the entities which they respectively represent.

The foregoing instrument is a JOINT VENTURE AGREEMENT consisting of pages (exclusive of attachments), including this page on which this acknowledgment is written and signed by the parties hereto and their instrument witnesses on the left hand margin of each and every page hereof.

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

NOTARY PUBLIC
Until December 31, 20__

Doc. No. _____
Page No. _____
Book No. _____
Series of 20__

NET FINANCIAL CONTRACTING CAPACITY (NFCC) FORM

A. Summary of the Applicant Supplier’s/Distributor’s/Manufacturer’s assets and liabilities on the basis of the attached income tax return and audited financial statement, stamped “RECEIVED” by the Bureau of Internal Revenue or its duly accredited and authorized institutions, for the preceding calendar/tax year which should not be earlier than two (2) years from date of bid submission.

		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 = K (current asset – current liabilities) minus value of all outstanding works under ongoing contracts including awarded contracts yet to be started

NFCC = P _____

K = 15 regardless of contract duration

Herewith attached are certified true copies of the income tax return and audited financial statement: stamped “RECEIVED” by the BIR or its duly accredited or authorized institution for the preceding year which should not be earlier than two (2) years from date of bid submission.

Submitted by:

Name of Supplier / Distributor / Manufacturer

Signature of Authorized Representative

Date : _____

NOTE: If Partnership or Joint Venture, each Partner or Member Firm of Joint Venture shall submit the above requirements.

Performance Securing Declaration (Revised)
[if used as an alternative performance security but it is not required to be submitted with the Bid, as it shall be submitted within ten (10) days after receiving the Notice of Award]

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/manufacturer/contractor/consultant of its obligations under the Contract, I/we shall submit a Performance Securing Declaration within a maximum period of ten (10) calendar days from the receipt of the Notice 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].

*[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]



PROJECT: **Rehabilitation and Improvement of DepEd Central Office CCTV System**

CONTRACT NO.:

CONTRACT

THIS CONTRACT made and entered into this ____ day of _____ 2023 by and between the **DEPARTMENT OF EDUCATION**, located at DepEd Complex, Meralco Avenue, Pasig City, represented herein by its _____, _____, as per Department Order No. 001, s. 2023 and Office Order OO-OSEC-2023-60 (hereinafter referred to as “**DEPED**”); and _____, represented herein by its _____, _____, with office address at _____ (hereinafter referred to as “____”), as per (Omnibus Sworn Statement/Secretary’s Certificate/Special Power of Attorney) dated _____ (hereto attached as Annex “A”).

DEPED and ____ are collectively called **PARTIES**.

WHEREAS, DEPED invited bids for the _____ consisting of ____ lots, and received bids from ____ for Lot No. ____; **DEPED** opened, read, and evaluated the bids of the bidders and declared ____ as having the Lowest Calculated Bid for Lot No. ____; after evaluation, **DEPED** post-qualified and declared the bid of ____ as the Lowest Calculated Responsive Bid for Lot No. 1 in the sum of **PHILIPPINE PESOS _____ MILLION, ____ THOUSAND, _____ HUNDRED and ____/100 (PhP _____) ONLY**, (hereinafter called the “Contract Price”) detailed as follows:

Lot No. (if applicable)	Description	Amount (PhP)

NOW THIS CONTRACT WITNESSETH AS FOLLOWS:

1. In this Contract, words and expressions shall have the same meaning 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 part of this Contract, viz:
 - a. Resolution to Award No. _____ dated _____;
 - b. Philippine Bidding Documents;

- i. General and Special Conditions of the Contract;
 - ii. Schedule of Requirements; and
 - iii. Terms of Reference;
 - iv. Bid Bulletin No. _____ dated;
 - c. _____'s bid, including the eligibility requirements, technical and financial proposals, and all other documents or statements submitted;
 - d. Performance Security;
 - e. Notice of Award (NOA) of Contract and _____'s conforme thereto; and
 - f. Other contract documents required by existing laws and/or DepEd in the Bidding Documents. _____ agrees that additional contract documents of information prescribed by the Government Procurement Policy Board (GPPB) that are subsequently required for submission after the contract execution such as, but not limited to, Notice to Proceed and Variation Order, shall form part of the Contract.
3. _____ shall post a Performance Security within 10 calendar days from receipt of the NOA in the form and amount prescribed therein. The Performance Security shall be posted in favor of **DEPED**, and shall be forfeited in the event that it is established that _____ is in default of any of its obligations under this Contract. _____ shall be responsible for the extension of its performance security and/or undertake to renew its Performance Security whenever necessary, and without the need for prior notice of instruction from **DEPED**, to ensure that it is in force and effect for the whole duration of the Contract.
4. The services referred to in this Contract shall be rendered by _____ at _____ within _____ calendar days from the receipt of the Notice to Proceed (NTP) or as may be indicated in the NTP. _____ shall ensure that the required services will be rendered in accordance with the Schedule of Requirements, which is hereto attached as Annex "B" and made an integral part hereof.

Services rendered at sites other than the designated site without **DEPED**'s written authorization and/or approval may be rejected by the latter. Violation of this provision, based on documents and reports submitted and validated by the authorized receiving personnel may be cause for the termination of the Contract.

5. The services to be rendered must conform to and comply with the standards mentioned in Section VI. Schedule of Requirements of the Bidding Documents, and must be in accordance with the Terms of Reference (and final specifications [*if applicable*]) as approved by the Bids and Awards Committee, or as amended by subsequently issued Bid Bulletin, if any, based on _____'s submission, and reflected in the post-qualification report, which is hereto attached as Annex "C" and made an integral part hereof.

Any proposal by _____ to perform other services in lieu of those stated under the Terms of Reference shall be discretionary to **DEPED**, subject to the evaluation and favorable recommendation of the **DEPED**'s end-user or implementing unit, and the approval of the herein authorized signatory. In any such case, the proposal by _____ for substitution shall be in writing and shall not result in any additional cost or undue burden to **DEPED**.

6. In case ____ encounters condition(s) impeding timely performance of the required services, ___ shall promptly notify **DEPED** in writing within five (5) calendar days from notice of such condition(s). Any request for work suspension and/or contract period extension shall be promptly done in writing as soon as circumstances for such request have become apparent. _____ must provide sufficient proof to support any request for work suspension and/or contract period extension.
7. The Contract Price shall be paid to ____ in accordance with the following disbursement procedures:
 - a. _____ may submit a request for payment based on the following:
 - i. Value of actual services rendered based on the schedule of delivery and other relevant terms and conditions of the Contract; and
 - ii. Certification by _____, duly signed and dated by the authorized representative of **DEPED** indicating that the services have been rendered in accordance with the Contract.

Other documents in support of a request for payment may be required by **DEPED** pursuant to existing disbursement, accounting, and auditing rules and procedures.

- b. Payment shall be made to ____ within 60 days from submission of the documents specified in SCC Clause 2.2 and other documents as may be prescribed by **DEPED** in the following manner:
 - i. [*If applicable*] One hundred percent (100%) of the Contract Price shall be paid to ____ upon complete performance of the required services, and acceptance by the duly authorized DepEd representative;

OR

- ii. [*If applicable*] For the initial progress payment, a minimum of 25% of the Contract Price shall be paid to _____ upon complete performance of at least 25% of the services and acceptance of the same by the duly authorized DepEd representative;

OR

- iii. [*If applicable*] ____% of the Contract Price shall be paid to _____ upon _____; and
 - iv. [*If applicable*] Final payment shall consist of the full and final payment of the unpaid services, subject to the submission of the required documents under the Bidding Documents.

8. [If applicable] Ownership, title, rights, and interest with respect to the contents of the _____, including all resources, records, or materials used or obtained in the course of this Agreement shall vest exclusively with **DEPED**. _____ hereby irrevocably waives any claim thereto. _____ shall not, in any manner or for any purpose, use the contents of the _____ beyond what is expressly allowed for the purpose of accomplishing the terms under this Contract, unless express permission of **DEPED** in writing is obtained.

9. [If applicable] Each party in the performance of their respective duties and responsibilities under this Contract and in the implementation thereof shall adhere to Republic Act No. 10173, otherwise known as the “Data Privacy Act of 2012.” Any gathered data and information should be protected and respected during the term and even after the termination of this Contract. The processing of any gathered data and information should be in compliance with the confidentiality and privacy requirements under the said law and applicable regulations.

10. _____ shall be liable for liquidated damages in an amount equal one-tenth (1/10) of one percent (1%) of the cost of the unperformed portion, for every day of delay until such goods are finally rendered and accepted by **DEPED**. **DEPED** shall deduct the liquidated damages from any money due or which may become due to _____, or collect from any of the securities posted by _____, whichever is convenient to **DEPED**. Once the accumulated amount of liquidated damages reaches 10% of the Contract Price, **DEPED** may rescind or terminate the Contract, without prejudice to other courses of action and remedies available under the circumstances.

11. The **PARTIES** shall make every effort to resolve amicably and by mutual consultation any and all disputes or differences arising between the **PARTIES** in connection with the implementation of the Contract. Should such dispute not be resolved amicably, it shall be submitted to Early Neutral Evaluation pursuant to Republic Act No. 9285 or the “Alternative Dispute Resolution Act of 2004”, and its Implementing Rules and Regulations.

IN WITNESS WHEREOF, the **PARTIES** hereto have caused this Contract to be executed in accordance with governing laws on the day and year first above written.

SIGNED, SEALED AND DELIVERED BY:

Department of Education

SIGNED IN THE PRESENCE OF:

DEPED's Witness

_____'s *Witness*

CERTIFIED FUNDS AVAILABLE:

Chief Accountant

REPUBLIC OF THE PHILIPPINES)
_____, METRO MANILA) S.S

ACKNOWLEDGMENT

BEFORE ME, a Notary Public in and for _____, Philippines, this
____ day of _____ 2023 personally appeared:

NAME

**GOVERNMENT
ISSUED ID**

*(Number, Issued On,
Issued By)*

Department of Education

Known to me and to me known to be the same persons who executed the foregoing instrument and acknowledge to me that the same is the free and voluntary act and deed of the entities which they respectively represent.

The foregoing instrument is a CONTRACT consisting of six (6) pages (exclusive of attachments), including this page on which this acknowledgment is written and signed by the parties hereto and their instrument witness on the left-hand margin of each and every page hereof.

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

Doc. No. ____;
Page No. ____;
Book No. ____;
Series of 2023.

NOTARY PUBLIC

Bid Security (Bank Guarantee) Form

WHEREAS, *[insert name of Bidder]* (hereinafter called the "Bidder") has submitted its bid dated *[insert date]* for the *[insert name of contract]* (hereinafter called the "Bid").

KNOW ALL MEN by these presents that We *[insert name of Bank]* of *[insert name of Country]* having our registered office at *[insert address]* (hereinafter called the "Bank" are bound unto the *DEPARTMENT OF EDUCATION Central Office*, (hereinafter called the "Entity"), in the sum of *[insert amount]* for which payment well and truly to be made to the said Entity the Bank binds itself, its successors and assigns by these presents.

SEALED with the Common Seal of said Bank this ___ day of _____ 201_.

THE CONDITIONS of this obligation are:

1. If the Bidder:
 - (a) withdraws its Bid during the period of bid validity specified in the Form of Bid; or
 - (b) does not accept the correction of arithmetical errors of its bid price in accordance with the Instructions to Bidder; or
2. If the Bidder having been notified of the acceptance of its bid by the Procuring Entity during the period of bid validity:
 - (a) fails or refuses to execute the Contract Form in accordance with the Instructions to Bidders, if required; or
 - (b) fails or refuses to furnish the Performance Security in accordance with the Instructions to Bidders.

We undertake to pay to the Entity up to the above amount upon receipt of its first written demand, without the Entity having to substantiate its demand, provided that in its demand the Entity will note that the amount claimed by the Entity is due to the Entity owing to the occurrence of one or both of the two (2) conditions, specifying the occurred condition or conditions.

The Guarantee will remain in force up to and including the date *[insert days]* days after the deadline for submission of Bids as such deadline is stated in the Instructions to Bidders or as it may be extended by the Entity, notice of which extension(s) to the Bank is hereby waived. Any demand in respect of this Guarantee should reach the Bank not later than the above date.

DATE _____
WITNESS _____

(Signature, Name and Address)

SIGNATURE OF THE BANK _____
SEAL _____

Bid Securing Declaration Form

[shall be submitted with the Bid if bidder opts to provide this form of bid security]

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

BID SECURING DECLARATION **Project Identification No.: *[Insert number]***

To: *[Insert name and address of the Procuring Entity]*

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]

Omnibus Sworn Statement (Revised)
[shall be submitted with the Bid]

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

AFFIDAVIT

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

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

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

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

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

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

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

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

4. Each of the documents submitted in satisfaction of the bidding requirements is an authentic copy of the original, complete, and all statements and information provided therein are true and correct;

5. [Name of Bidder] is authorizing the Head of the Procuring Entity or its duly authorized representative(s) to verify all the documents submitted;

6. *[Select one, delete the rest:]*

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

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

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

7. *[Name of Bidder]* complies with existing labor laws and standards; and

8. *[Name of Bidder]* is aware of and has undertaken the responsibilities as a Bidder in compliance with the Philippine Bidding Documents, which includes:

- a. Carefully examining all of the Bidding Documents;
- b. Acknowledging all conditions, local or otherwise, affecting the implementation of the Contract;
- c. Making an estimate of the facilities available and needed for the contract to be bid, if any; and
- d. Inquiring or securing Supplemental/Bid Bulletin(s) issued for the *[Name of the Project]*.

9. *[Name of Bidder]* did not give or pay directly or indirectly, any commission, amount, fee, or any form of consideration, pecuniary or otherwise, to any person or official, personnel or representative of the government in relation to any procurement project or activity.

10. In case advance payment was made or given, failure to perform or deliver any of the obligations and undertakings in the contract shall be sufficient grounds to constitute criminal liability for Swindling (Estafa) or the commission of fraud with unfaithfulness or abuse of confidence through misappropriating or converting any payment received by a person or entity under an obligation involving the duty to deliver certain goods or services, to the prejudice of the public and the government of the Philippines pursuant to Article 315 of Act No. 3815 s. 1930, as amended, or the Revised Penal Code.

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

[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]

Performance Security (Bank Guarantee) Form

To : The Secretary
Department of Education
DepEd Complex, Meralco Avenue
Pasig City

Attention: The Chairperson
Bids and Awards Committee

WHEREAS, [insert name and address of Supplier] (hereinafter called the "Supplier") has undertaken, in pursuance of Contract No. [insert number] dated [insert date] to execute [insert name of contract and brief description] (hereinafter called the "Contract");

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

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

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

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

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

This guarantee shall be valid until the date of your issuance of the Notice of Final Acceptance.

SIGNATURE AND SEAL OF THE GUARANTOR

NAME OF BANK

ADDRESS

DATE _____

FINANCIAL BID FORM

Date: _____
Project N^o: _____

The Secretary
Department of Education
DepEd Complex, Central Office
Meralco Avenue, Pasig City

Attention: The Chairperson
Bids and Awards Committee

Gentlemen and/or Ladies:

Having examined the Bidding Documents including Bid Bulletin Numbers *[insert numbers]*, the receipt of which is hereby duly acknowledged, we, the undersigned, offer to *[supply/deliver/perform]* *[description of the Goods]* in conformity with the said Bidding Documents for the sum of *[total Bid amount in words (and figures)]* or such other sums as may be ascertained in accordance with the Schedule of Prices attached herewith and made part of this Bid.

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

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

We agree to abide by this Bid for the Bid Validity Period specified in BDS provision for ITB Clause 17.1 and 18.2, respectively, and it shall remain binding upon us and may be accepted at any time before the expiration of that bid validity period.

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 or any Bid you may receive.

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

We likewise certify/confirm that the undersigned, *[for sole proprietorships, insert: as the owner and sole proprietor or authorized representative of Name of Bidder, has the full power and authority to participate, submit the bid, and to sign and execute the ensuing contract, on the latter's behalf for the Name of Project of the Name of the Procuring Entity] [for partnerships, corporations, cooperatives, or joint ventures, insert: is granted full power and authority by the Name of Bidder, to participate, submit the bid, and to sign and execute the ensuing contract on the latter's behalf for Name of Project of the Name of the Procuring Entity].*

We, further, confirm that, for purposes of this bid, and if such Bid is accepted, the address stated below shall be the Supplier's official address and contact numbers, as reflected in the *(state proof of billing e.g. PhilGEPS Certificate, Mayor's Permit, SEC, Tax Clearance)*

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

Dated this _____ day of _____ 20_____.

[signature over printed name of
Authorized Representative]

[in the capacity of _____]
(designation of Authorized Representative)

Duly authorized to sign Bid for and on behalf of _____
[Registered Company/Business Name of the Bidder]

Address : _____

Telephone No : _____

Telefax: _____

Email address : _____

BANK GUARANTEE FORM FOR ADVANCE PAYMENT

To: **Department of Education**
[name of Contract]

Gentlemen and/or Ladies:

In accordance with the payment provision included in the Special Conditions of Contract, which amends Clause of the General Conditions of Contract to provide for advance payment, *[name and address of Supplier]* (hereinafter called the "Supplier") shall deposit with the PROCURING ENTITY a bank guarantee to guarantee its proper and faithful performance under the said Clause of the Contract in an amount of *[amount of guarantee in figures and words]*.

We, the *[bank or financial institution]*, as instructed by the Supplier, agree unconditionally and irrevocably to guarantee as primary obligator and not as surety merely, the payment to the PROCURING ENTITY on its first demand without whatsoever right of objection on our part and without its first claim to the Supplier, in the amount not exceeding *[amount of guarantee in figures and words]*.

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

This guarantee shall remain valid and in full effect from the date of the advance payment received by the Supplier under the Contract until *[date]*.

Yours truly,

Signature and seal of the Guarantors

[name of bank or financial institution]

[address]

[date]

SEALING AND MARKING OF BIDS

GOODS AND SERVICES

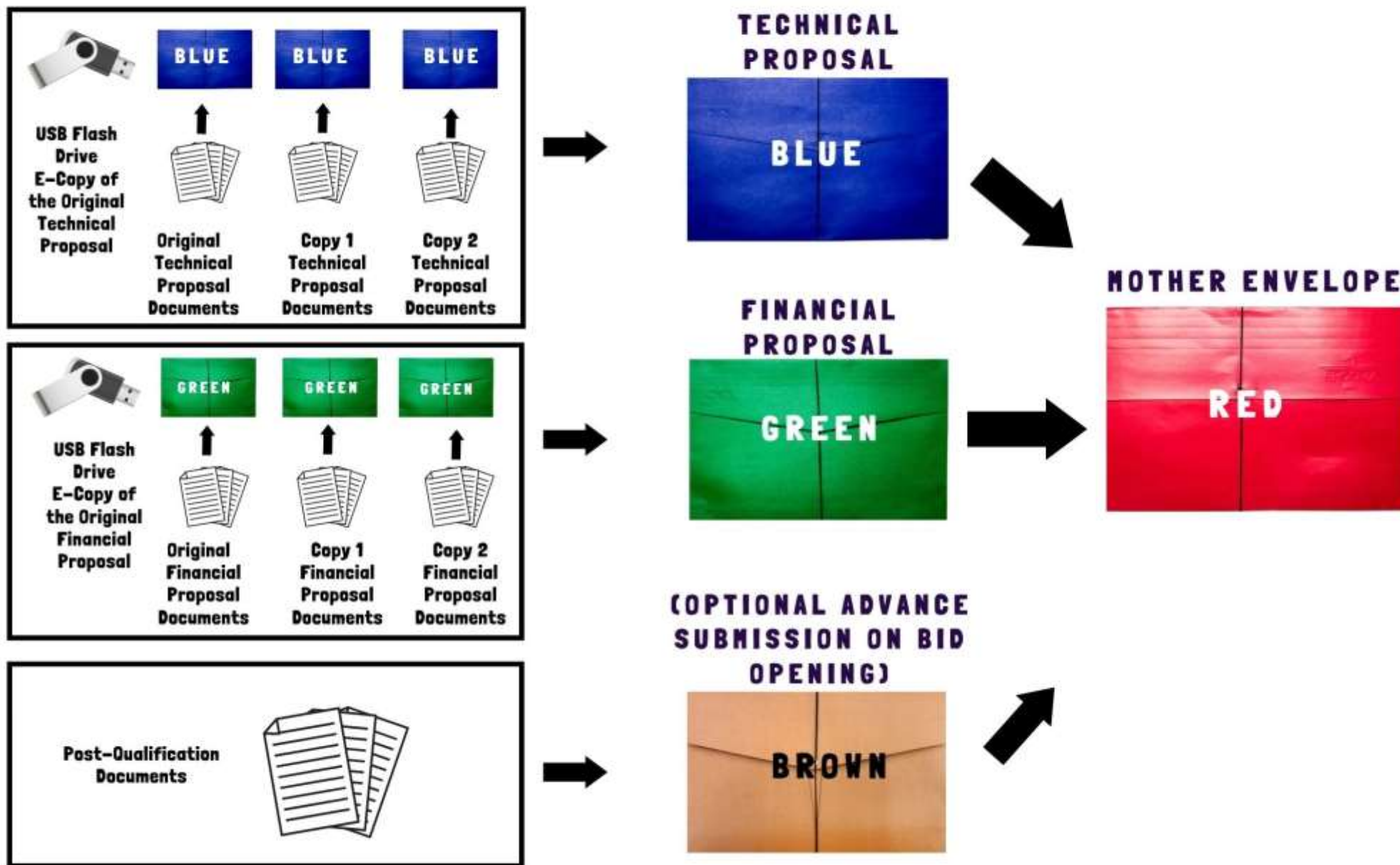


Illustration 1

ORIGINAL / COPY NO. ____

[BIDDER'S COMPANY NAME]

[COMPANY'S OFFICE ADDRESS] PUBLIC BIDDING:

[PROJECT TITLE]:

BIDDING FOR [no.] : [item description] (if applicable)

THE CHAIRPERSON BIDS AND AWARDS COMMITTEE
DEPARTMENT OF EDUCATION CENTRAL OFFICE
[VENUE OF BID OPENING]

DO NOT OPEN BEFORE [TIME AND DATE OF BID OPENING]

Republic of the Philippines



Government Procurement Policy Board