PHILIPPINE BIDDING DOCUMENTS

Procurement of CCTV System

Project Identification Number: DOT-BAC IB 2020-012

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Glossary of Acronyms, Terms, and Abbreviations

ABC – Approved Budget for the Contract.

BAC – Bids and Awards Committee.

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

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

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

BIR – Bureau of Internal Revenue.

BSP – Bangko Sentral ng Pilipinas.

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

CDA - Cooperative Development Authority.

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

CIF – Cost Insurance and Freight.

CIP – Carriage and Insurance Paid.

CPI – Consumer Price Index.

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

DTI – Department of Trade and Industry.

EXW – Ex works.

FCA – "Free Carrier" shipping point.

FOB – "Free on Board" shipping point.

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

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

GFI – Government Financial Institution.

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

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

GOP – Government of the Philippines.

GPPB – Government Procurement Policy Board.

INCOTERMS – International Commercial Terms.

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

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

LGUs – Local Government Units.

NFCC – Net Financial Contracting Capacity.

NGA – National Government Agency.

PhilGEPS - Philippine Government Electronic Procurement System.

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

PSA – Philippine Statistics Authority.

SEC – Securities and Exchange Commission.

SLCC – Single Largest Completed Contract.

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

UN – United Nations.

Section I. Invitation to Bid

INVITATION TO BID FOR THE *Procurement of CCTV System*

1. The ***Department of Tourism (DOT)***, through the ***General Appropriation Act 2020*** intends to apply the sum of ***Eleven Million One Hundred Sixty-Six Thousand Philippine Pesos (PhP11,166,000.00)*** being the ABC to payments under the contract for ***"Procurement of CCTV System" (Project Identification No. DOT-BAC IB 2020-012).*** Bids received in excess of the ABC shall be automatically rejected at bid opening.

2. The ***DOT*** now invites bids for the above Procurement Project. Delivery of the Goods is required by ***Thirty (30) calendar days including delivery of equipment upon receipt of Notice to Proceed***. Bidders should have completed, within ***five (5) years*** from the date of submission and receipt of bids, a contract similar to the Project. The description of an eligible bidder is contained in the Bidding Documents, particularly, in Section II (Instructions to Bidders).

3. Bidding will be conducted through open competitive bidding procedures using a non-discretionary ***"pass/fail"*** criterion as specified in the 2016 revised Implementing Rules and Regulations (IRR) of Republic Act (RA) No. 9184.

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

4. Prospective Bidders may obtain further information from ***DOT-BAC Secretariat*** through the contact details given below during ***8:00 a.m. to 5:00 p.m. Monday to Friday Excluding holidays*** and inspect the Bidding Documents as posted on the websites of the ***DOT*** and the ***Philippine Government Electronic Procurement System (PhilGEPS).***

5. A complete set of Bidding Documents may be acquired by interested Bidders from ***November 27 to December 16, 2020 (8:00 a.m to 5:00 p.m.)*** and ***December 17, 2020 (until 9:00 a.m.)*** from the given address and website(s) below ***and upon payment of the applicable fee for the Bidding Documents, pursuant to the latest Guidelines issued by the GPPB, in the amount of Twenty-Five Thousand Philippine Pesos (PhP25,000.00) OR deposited to:***

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

(Note: Pls. send copy of the Transaction report or any proof of payment at the email address vccervantes@tourism.gov.ph

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

6. The *DOT* will hold a virtual Pre-Bid Conference on *December 04, 2020 at 10:00 a.m.* using the MS Teams platform. The prospective bidders are advised to send their email address to the DOT-BAC Secretariat official email at dot.bac@tourism.gov.ph/ jpvillamin@tourism.gov.ph not later than 5:00 p.m on *December 03, 2020*.

7. Bids must be duly received by the BAC Secretariat through manual submission **on or before *December 17, 2020 at 9:00 a.m. only*** at the office address indicated below. Late bids shall not be accepted.

8. All Bids must be accompanied by a bid security in any of the acceptable forms and in the amount stated in **ITB** Clause 14.

9. Bid opening shall be on *December 17, 2020 at 10:00 a.m* at the given address below

   The Opening of Bids will be conducted through video conference using the MS Teams platform on December 17, 2020 at 10:00 a.m.

   Prospective bidders who are interested in joining the opening of bids must send the following details to the BAC Secretariat via e-mail at dot.bac@tourism.gov.ph not later than 5:00 p.m. of December 16, 2020.

   - *Name of Representative(s) - Maximum of two (2)*
   - *Company Name:*
   - *Email Address:*
   - *Contact No.*

10. All documents shall be current and updated and any missing document in the checklist is a ground for outright rejection of the bid. Bidder shall submit *one (1) original* and *five (5) photocopies* of the first and second components of its bid in sealed envelope.

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

11. The *DOT* reserves the right to reject any and all bids, declare a failure of bidding, or not award the contract at any time prior to contract award in accordance with Sections 35.6 and 41 of 2016 revised IRR of RA No. 9184, without thereby incurring any liability to the affected bidder or bidders.

12.   For further information, please refer to:

Mr. GODOFREDO R. MALDONADO, JR.
Head, DOT-BAC Secretariat
Procurement Management Division
4th Floor, DOT Bldg.
351 Sen. Gil Puyat Ave., Makati City
Telephone Nos. 8459-5200 to 30 Loc. 425
Email Address: grmaldonado@tourism.gov.ph
Facsimile No.: 8459-5200 to 30 Loc. 425
Website Address: www.tourism.gov.ph

12. You may visit the following websites:

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

OIC-USEC. ROBERTO P. ALABADO III
DOT-BAC Chairperson

November 27, 2020

Section II. Instructions to Bidders

1. Scope of Bid

l. The Procuring Entity, *Department of Tourism,* wishes to receive Bids for the *Procurement of CCTV System* with Project Identification Number *DOT-BAC IB 2020-012.*

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

2. Funding Information

2.1. The GOP through the source of funding as indicated below for *General Appropriation Act 2020* in the amount of *Eleven Million One Hundred Sixty-Six Thousand Philippine Pesos (PhP11,166,000.00).*

2.2. The source of funding is the General Appropriations Act.

3. Bidding Requirements

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

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

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

4. Corrupt, Fraudulent, Collusive, and Coercive Practices

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

5. Eligible Bidders

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

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

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

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

6. Origin of Goods

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

7. Subcontracts

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

The Procuring Entity has prescribed that subcontracting is not allowed.

8. Pre-Bid Conference

The Procuring Entity will hold a virtual pre-bid conference for this Project on *December 04, 2020 at 10:00 a.m.* using the MS Teams platform as indicated in paragraph 6 of the **IB.**

9. Clarification and Amendment of Bidding Documents

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

10. Documents comprising the Bid: Eligibility and Technical Components

10.1. The first envelope shall contain the eligibility and technical documents of the Bid as specified in **Section VIII (Checklist of Technical and Financial Documents)**.

10.2. The Bidder's SLCC as indicated in **ITB** Clause 5.3 should have been completed within *five (5) years* prior to the deadline for the submission and receipt of bids.

10.3. If the eligibility requirements or statements, the bids, and all other documents for submission to the BAC are in foreign language other than English, it must be accompanied by a translation in English, which shall be authenticated by the appropriate Philippine foreign service establishment, post, or the equivalent office having jurisdiction over the foreign bidder's affairs in the Philippines.

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

11. Documents comprising the Bid: Financial Component

11.1. The second bid envelope shall contain the financial documents for the Bid as specified in **Section VIII (Checklist of Technical and Financial Documents)**.

11.2. If the Bidder claims preference as a Domestic Bidder or Domestic Entity, a certification issued by DTI shall be provided by the Bidder in accordance with Section 43.1.3 of the 2016 revised IRR of RA No. 9184.

11.3. Any bid exceeding the ABC indicated in paragraph 1 of the **IB** shall not be accepted.

11.4. For Foreign-funded Procurement, a ceiling may be applied to bid prices provided the conditions are met under Section 31.2 of the 2016 revised IRR of RA No. 9184.

12. Bid Prices

12.1. Prices indicated on the Price Schedule shall be entered separately in the following manner:

a. For Goods offered from within the Procuring Entity's country:

i. The price of the Goods quoted EXW (ex-works, ex-factory, ex-warehouse, ex-showroom, or off-the-shelf, as applicable);

ii. The cost of all customs duties and sales and other taxes already paid or payable;

iii. The cost of transportation, insurance, and other costs incidental to delivery of the Goods to their final destination; and

iv. The price of other (incidental) services, if any, listed in e.

b. For Goods offered from abroad:

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

ii. The price of other (incidental) services, if any, as listed in **Section VII (Technical Specifications).**

13. Bid and Payment Currencies

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

13.2.   Payment of the contract price shall be made in Philippine Pesos.

14. Bid Security

14.1.   The Bidder shall submit a Bid Securing Declaration or any form of Bid Security in the amount indicated in the **BDS**, which shall be not less than the percentage of the ABC in accordance with the schedule in the **BDS**.

14.2.   The Bid and bid security shall be valid until *April 16, 2021*. 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 and/or electronic copies of the Bid as indicated in *paragraph 10 of the IB*. However, failure of the Bidders to comply with the said request shall not be a ground for disqualification.

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

16. Deadline for Submission of Bids

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

17. Opening and Preliminary Examination of Bids

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

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

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

18. Domestic Preference

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

19. Detailed Evaluation and Comparison of Bids

19.1. The Procuring BAC shall immediately conduct a detailed evaluation of all Bids rated "*passed*," using non-discretionary pass/fail criteria. The BAC shall consider the conditions in the evaluation of Bids under Section 32.2 of the 2016 revised IRR of RA No. 9184.

19.2. If the Project allows partial bids, bidders may submit a proposal on any of the lots or items, and evaluation will be undertaken on a per lot or item basis, as the case maybe. In this case, the Bid Security as required by **ITB** Clause 15 shall be submitted for each lot or item separately.

19.3. The descriptions of the lots or items shall be indicated in **Section VII (Technical Specifications)**, although the ABCs of these lots or items are indicated in the **BDS** for purposes of the NFCC computation pursuant to Section 23.4.2.6 of the 2016 revised IRR of RA No. 9184. The NFCC must be sufficient for the total of the ABCs for all the lots or items participated in by the prospective Bidder.

19.4. The Project shall be awarded as one project having several items that shall be awarded as one contract.

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

20. Post-Qualification

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

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

Section III. Bid Data Sheet

Bid Data Sheet

ITB Clause	
5.3	For this purpose, contracts similar to the Project shall be: a. *Refer to supply, delivery, installation and deployment of a new CCTV System* b. completed within *five (5)* years prior to the deadline for the submission and receipt of bids.
7.1	*Subcontracting is not allowed.*
12	*Not applicable*
14.1	The bid security shall be in the form of a Bid Securing Declaration, or any of the following forms and amounts: a. The amount of not less than **PhP223,320.00**, if bid security is in cash, cashier's/manager's check, bank draft/guarantee or irrevocable letter of credit; or b. The amount of not less than **PhP558,300.00** if bid security is in Surety Bond.
19.3	*No further instructions*
20	*No further instructions*
21	*No further instructions*

Section IV. General Conditions of Contract

1. Scope of Contract

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

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

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

2. Advance Payment and Terms of Payment

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

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

3. Performance Security

Within ten (10) calendar days from receipt of the Notice of Award by the Bidder from the Procuring Entity but in no case later than prior to the signing of the Contract by both parties, the successful Bidder shall furnish the performance security in any of the forms prescribed in Section 39 of the 2016 revised IRR of RA No. 9184.

4. Inspection and Tests

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

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

5.   Warranty

6.1.   In order to assure that manufacturing defects shall be corrected by the Supplier, a warranty shall be required from the Supplier as provided under Section 62.1 of the 2016 revised IRR of RA No. 9184.

6.2.   The Procuring Entity shall promptly notify the Supplier in writing of any claims arising under this warranty. Upon receipt of such notice, the Supplier shall, repair or replace the defective Goods or parts thereof without cost to the Procuring Entity, pursuant to the Generic Procurement Manual.

6.   Liability of the Supplier

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

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

Section V. Special Conditions of Contract

Special Conditions of Contract

GCC Clause	
1	**Delivery and Documents –**

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:

Delivery of the Goods shall be made by the Supplier in accordance with the terms specified in Section VI (Schedule of Requirements).

For purposes of this Clause the Procuring Entity's Representative at the Project Site is:
 Mr. Paul Brian Lao
OIC-IT Division
pdlao@tourism.gov.ph

Incidental Services –

The Supplier is required to provide all of the following services, including additional services, if any, specified in Section VI. Schedule of Requirements:

   a. performance or supervision of on-site assembly and/or start-up of the supplied Goods;
   b. furnishing of a detailed operations and maintenance manual for each appropriate unit of the supplied Goods;
   c. furnishing of a detailed operations and maintenance manual for each appropriate unit of the supplied Goods
   d. performance or supervision or maintenance and/or repair of the supplied Goods, for a period of time agreed by the parties, provided that this service shall not relieve the Supplier of any warranty obligations under this Contract; and
   e. training of the Procuring Entity's personnel, at the Supplier's plant and/or on-site, in assembly, start-up, operation, maintenance, and/or repair of the supplied Goods.

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

Packaging –

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

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

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

Name of the Procuring Entity
Name of the Supplier
Contract Description
Final Destination
Gross weight
Any special lifting instructions
Any special handling instructions
Any relevant HAZCHEM classifications

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

Transportation –

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

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

	Where the Supplier is required under Contract to deliver the Goods CIF, CIP or DDP, Goods are to be transported on carriers of Philippine registry. In the event that no carrier of Philippine registry is available, Goods may be shipped by a carrier which is not of Philippine registry provided that the Supplier obtains and presents to the Procuring Entity certification to this effect from the nearest Philippine consulate to the port of dispatch. In the event that carriers of Philippine registry are available but their schedule delays the Supplier in its performance of this Contract the period from when the Goods were first ready for shipment and the actual date of shipment the period of delay will be considered force majeure. The Procuring Entity accepts no liability for the damage of Goods during transit other than those prescribed by INCOTERMS for DDP deliveries. In the case of Goods supplied from within the Philippines or supplied by domestic Suppliers risk and title will not be deemed to have passed to the Procuring Entity until their receipt and final acceptance at the final destination **Intellectual Property Rights –** The Supplier shall indemnify the Procuring Entity against all third-party claims of infringement of patent, trademark, or industrial design rights arising from use of the Goods or any part thereof.
2.2	*Partial payment is not allowed.*
4	*The deliverables shall be subject to the inspection and acceptance of the Project Officer.*

Section VI. Schedule of Requirements

Schedule of Requirements

Item Number	Description	Quantity	Total	Delivered, Weeks/Months
	Supply, delivery, installation and deployment of a new CCTV system consisting of:	1 lot	PhP11,166,000.00	Thirty (30) calendar days including delivery of equipment upon receipt of Notice to Proceed.
	Indoor Dome CCTV Camera	21		
	Outdoor Bullet CCTV Camera	30		
	Mini Dome CCTV Camera for elevators	2		
	Outdoor Bullet CCTV Camera with License Plate Registration (LPR)	2		
	Central Video Management Software	1		
	Central Video Management Server	1		
	Workstation	1		
	CCTV Storage	1		
	24 port Network Switch (Power Over Ethernet – [POE])	6		
	34" Monitor	3		
	Uninterrupted Power Supply (UPS)	1		
	Shall also integrate the existing CCTV camera to the new CCTV system			
	Must be able to store or record video for at least 30 days.			

Conforme:

_____
Name of Bidder's/Representative

_____
Signature

_____
Date

Section VII. Technical Specifications

Technical Specifications

Item	Specification	Statement of Compliance
		[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.	**Scope of Work** 1. Supply, delivery, installation and deployment of a new CCTV system consisting of: 55 pcs. CCTV camera, 1 pc. Central Video Management Server, 1 pc. CCTV Storage, 1 pc. workstation, 1 pc. uninterrupted power supply, 6 pcs. POE network switch and 3 pcs. monitor at the New DOT Bldg. in Makati City.	

	• Shall also integrate the existing CCTV camera to the new CCTV system • Must be able to store or record video for at least 30 days. 2. Delivery service shall be free of charge; Delivery at DOT main office, 351 Sen Gil Puyat Ave Makati City. 3. The Contractor shall perform the installation, testing and commissioning of all equipment. All necessary tests, services and inspections to assure the system functions and shall be checked and approved before the acceptance test. Consideration shall be given to the fact that installation or tests of other systems within the same building may be carried out during the same period. • The work includes the furnishings of materials, cables, consumable materials, facilities, civil works, labor, tools, equipment, test instruments, apparatus, specialties and other services necessary to complete the installation and commissioning of the CCTV System at the New DOT Bldg. • The project must be completed within thirty (30) calendar days including delivery of equipment upon receipt of notice to proceed. • The contractor shall have access to the site seven (7) days a week from 8pm to 5am starting on the date of receipt of the Notice to Proceed. All works should be coordinated with DOT on a weekly basis and can be revoked or suspended.	

• The contractor shall submit a weekly progress report. • The contractor shall submit the following documentation to DOT upon completion of the project. o As-built diagram o System brochures/ documentation for systems operational & Maintenance/User Manuals-one [1] original and three [3] copies. o Detailed equipment list stating the location, make model, serial numbers, firm ware among others. o Result of system test as per manufacturer standards o System and Workmanship Warranty/Guarantee o Certification of Parts availability and support for One [1] year o Training Certification of attendees for Operations and Maintenance of the system. 4. The installation must include wireless connectivity for the cameras to be installed inside the elevators. 5. The Contractor shall submit a detailed work plan to be presented during the project kick-off. 6. The Contractor shall prepare and furnish fully dimensioned scaled drawings of builder's work arising from the installation of the equipment and system as well as for the equipment layout plans at various locations. 7. The work drawings shall show: o The general arrangement of cabinets and other facilities in the equipment areas as well as the operational area	

	o The general arrangement of cabling within the system. 8. As soon as the commissioning of the equipment and system have been completed, the Contractor shall amend or correct all his Approved Drawings, if so required, furnish three (3) sets of prints of all "As-built" drawings showing the works as finally installed and commissioned. These drawings shall be furnished in hard bound covers 9. One (1) set of "As-built" drawings will be submitted in digital format in a USB drive 10. The "As-built" drawings shall show the general arrangement of all equipment's and auxiliaries, positions of all electrical outlets, fittings, switches, switch-boards and control panels, cables, pipes, ducts runs, markers and underground ducts, interwiriness, schedules, plant manufacturers name plates, models and type numbers and other information necessary to facilitate routine inspection and maintenance of installation. 11. Roughing-ins including supports, boxes, fittings, cover plates, mounting brackets should be provided by the contractor.	
II.	Eligibility Requirements A. Must have at least five (5) years of existence. B. Must have completed a similar project. C. Must offer CCTV brand or manufacturer that is not barred	

	or banned by any country due to cyber security issues.	
	D. Must offer CCTV brand or manufacturer that is ONVIF compliant	
	E. Must offer a CCTV provider that produces own hardware and develops its own software applications.	
	F. **Must have at least two (2) certified technicians. Copies of their CV and certification to be provided**.	
	G. Claiming, providing and submitting false information during procurement process shall be immediately disqualify from the bidding. This is for the Department and committee protection from dishonest supplier purposely providing ICT equipment that are but not limited to overpricing, non-compliance ICT equipment, toy like ICT equipment, etc.	
	H. **Must present notarized certificates- one original each and two certified true copies, from the Original Equipment Manufacturer (OEM) stating the following:**	
	i. The Bidder is a duly recognized and authorized country reseller by the Original Equipment Manufacturer.	
	ii. The Bidder is recognized and authorized to support the DOT project by the OEM.	
	iii. The Bidder is authorized by the OEM systems manufacturer to extend the	

	manufacturer's warranty support for the project. **iv. That the OEM systems manufacturer will guarantee the availability of spare parts for the system for not less than three (3) years from the date of commissioning of the system by the Department of Tourism.**	
III	**Documentation Requirements** A. Three (3) sets of As-built drawings in hard bound covers B. One (1) set of As-built drawings in digital format in a USB drive C. Network diagram and System Architecture D. System brochures /documentation for systems operational & Maintenance/ User Manuals-one [1] original and three [3] copies. E. Detailed equipment list stating the location, make model, serial numbers, firm ware among others. F. Result of system test as per manufacturer standards G. System and Workmanship Warranty/Guarantee H. Certification of Parts availability and support for One [1] year I. Training material J. Training Certification of attendees for Operations and Maintenance of the system.	
IV	**Training Requirements**	

	A. Training for at least 10 participants (GSD, Security, ITD) 1. End user product and configuration training 2. Troubleshooting and Maintenance B. Training will be conducted on-site. Based on the availability of the DOT trainees. C. Training material to be provided by the Contractor	
V.	**Maintenance Requirements** DOT needs a comprehensive maintenance service to include fault prevention, adjustments, corrections, repairs and replacements- During the warranty period the contractor is required to provide the following: o 4- hours response time on server hardware, 24 x 7 (remote, onsite if needed) o Software technical assistance o Software/firmware updates if necessary o NBD for CCTV software and hardware	
VI.	**Service Feature Highlights** o Remote problem diagnosis support for hardware products o Onsite hardware support o Materials excluding consumables o Onsite response time for hardware support	

	o Work to completion for hardware support o Escalation/Service Level Management o Firmware and documentation updates o Electronic support information and services o Electronic remote support		
VII.	**Technical Specification of ICT Equipment**		
	Item 1: 21 pcs. Indoor Dome CCTV Camera **VIDEO**		
	Imaging Device	At least 1/2.8" 2MP CMOS	
	Resolution	1920x1080, 1280x960, 1280x720, 800x600, 800x448, 720x576, 720x480, 640x480, 640x360	
	Max. Framerate	H.265/H.264: Max. 30fps/25fps(60 Hz/50Hz)	
		MJPEG: Max. 15fps/12fps(60 Hz/50Hz)	
	Min. Illumination	Color: 0.03Lux(F1.6, 1/30sec) BW: 0Lux(IR LED on)	
	Video Out	CVBS: 1.0 Vp-p / 75Ω composite, 720x480(N), 720x576(P) for installation	

	LENS		
	Focal Length (Zoom Ratio)	3.2~10mm(3.1x) manual varifocal	
	Max. Aperture Ratio	F1.6(Wide)~F2.9(Tele)	
	Angular Field of View	H: 109.0°(Wide)~33.2°(Tele) / V: 57.4°(Wide)~18.7°(Tele) / D: 132.0°(Wide)~38.0°(Tele)	
	Focus Control	Manual	
	Lens Type	DC auto iris	
	Pan / Tilt / Rotate Range	0˚~350˚ / 0˚~67˚ / 0˚~355˚	
	OPERATIONAL		
	Camera	Title Displayed up to 85 characters	
	Day & Night	Auto(ICR)	
	Backlight Compensation	BLC, WDR, SSDR	
	Wide Dynamic Range	At least 120dB	
	Digital Noise Reduction	The images should be cleaner, sharper and retain more detail. The images are captured in low light applications, has usually the high levels of noise which make them unusable. Therefore, the noise should be eliminated, or even greatly reduced, this will	

			greatly enhance the performance of a camera. With reduced noise, it will keep image file sizes down when recorded digitally.	
		Motion Detection	4ea, polygonal zones	
		Privacy Masking	6ea, rectangular zones	
		Gain Control	Low / Middle / High	
		White Balance	ATW / AWC / Manual / Indoor / Outdoor	
		LDC	Support	
		Electronic Shutter Speed	Minimum / Maximum /Anti flicker (1/5~1/12,000sec)	
		Video Rotation	Flip, Mirror, Hallway view(90˚/270˚)	
		Analytics	Defocus detection, Directional detection, Motion detection, Enter/Exit, Tampering, Virtual line	
		Alarm I/O	Input 1ea / Output 1ea	
		Alarm Triggers	Analytics, Network disconnect, Alarm input	
		Alarm Events	File upload via FTP and e-mail Notification via e-mail SD/SDHC/SDXC or NAS recording at event triggers Alarm output	
		Audio In	Built-in mic	

		IR Viewable Length	20m(65.62ft)		
		NETWORK			
		Ethernet	RJ-45(10/100BASE-T)		
		Video Compression	H.265/H.264: Main/High, MJPEG		
		Audio Compression	G.711 u-law /G.726 Selectable G.726(ADPCM) 8KHz, G.711 8KHz G.726: 16Kbps, 24Kbps, 32Kbps, 40Kbps		
		Bitrate Control	H.264/H.265: CBR or VBR		
			MJPEG: VBR		
		Streaming	Unicast(6 users) / Multicast Multiple streaming(Up to 3 profiles)		
		Protocol	IPv4, IPv6, TCP/IP, UDP/IP, RTP(UDP), RTP(TCP), RTCP, RTSP, NTP, HTTP, HTTPS, SSL/TLS, DHCP, FTP, SMTP, ICMP, IGMP, SNMPv1/v2c/v3(MIB-2), ARP, DNS, DDNS, QoS, UPnP, Bonjour, LLDP		
		Security	HTTPS(SSL) Login Authentication Digest Login Authentication IP Address Filtering User access log 802.1X Authentication(EAP-TLS, EAP-LEAP)		

	GENERAL		
	Web Viewer	Supported OS: Windows 7, 8.1, 10, Mac OSx10.12, 10.13, 10.14 Supported Browser: Google Chrome, MS Explore11, MS Edge, Mozilla Firefox(Window 64bit only), Apple Safari (Mac OSX)		
	Edge Storage	Micro SD/SDHC/SDXC 1slot 128GB		
	Memory	512MB RAM, 256MB Flash		
	ENVIRONMENTAL & ELECTRICAL		
	Operating Temperature / Humidity	-10°C ~ +55°C(+14°F ~ +131°F) / Less than 90% RH		
	Storage Temperature / Humidity	-30°C ~ +60°C(-22°F ~ +140°F) / Less than 90% RH		
	Input Voltage	PoE(IEEE802.3af, Class3), 12VDC		
	Power Consumption	PoE: Max 7.70W, typical 6.00W 12VDC: Max 6.50W, typical 5.10W		
	Item No. 2: 30 pcs. Outdoor Bullet CCTV Camera **VIDEO**		
	Imaging Device	At least 1/2.8" 2MP CMOS		
	Resolution	1920x1080, 1280x960, 1280x720, 800x600, 800x448, 720x576, 720x480,		

		640x480, 640x360	
	Max. Framerate	H.265/H.264: Max. 30fps/25fps(60 Hz/50Hz) MJPEG: Max. 15fps/12fps(60 Hz/50Hz)	
	Min. Illumination	Color: 0.03Lux(F1.6, 1/30sec) BW: 0Lux(IR LED on)	
	Video Out	CVBS: 1.0 Vp-p / 75Ω composite, 720x480(N), 720x576(P) for installation	
	LENS		
	Focal Length (Zoom Ratio)	3.2~10mm(3.1x) manual varifocal	
	Max. Aperture Ratio	F1.6(Wide)~F2.9(Tele)	
	Angular Field of View	H: 109.0°(Wide)~33.2°(Tele) / V: 57.4°(Wide)~18.7°(Tele) / D: 132.0°(Wide)~38.0°(Tele)	
	Focus Control	Manual	
	Lens Type	DC auto iris	
	OPERATIONAL		
	Camera Title	Displayed up to 85 characters	
	Day & Night	Auto(ICR)	
	Backlight Compensation	BLC, WDR, SSDR	
	Wide Dynamic Range	At least 120dB	
	Digital Noise Reduction	The images should be cleaner, sharper and retain more detail. The images are	

			captured in low light applications, has usually the high levels of noise which make them unusable. Therefore, the noise should be eliminated, or even greatly reduced, this will greatly enhance the performance of a camera. With reduced noise, it will keep image file sizes down when recorded digitally.	
		Motion Detection	4ea, polygonal zones	
		Privacy Masking	6ea, rectangular zones	
		Gain Control	Low / Middle / High	
		White Balance	ATW / AWC / Manual / Indoor / Outdoor	
		Electronic Shutter Speed	Minimum / Maximum / Anti flicker (1/5~1/12,000sec)	
		Video Rotation	Flip, Mirror, Hallway view(90˚/270˚)	
		Analytics	Defocus detection, Directional detection, Motion detection, Enter/Exit, Tampering, Virtual line	
		Alarm I/O	Input 1ea / Output 1ea	
		Alarm Triggers	Analytics, Network	

			disconnect, Alarm input	
		Alarm Events	File upload via FTP and e-mail Notification via e-mail SD/SDHC/SDXC or NAS recording at event triggers Alarm output	
		Audio In	Selectable(mic in/line in)	
			Supply voltage: 2.5VDC(4mA), Input impedance: 2K Ohm	
		IR Viewable Length	30m(98.42ft)	
		NETWORK		
		Ethernet	RJ-45(10/100BASE-T)	
		Video Compression	H.265/H.264: Main/High, MJPEG	
		Audio Compression	G.711 u-law /G.726 Selectable G.726(ADPCM) 8KHz, G.711 8KHz G.726: 16Kbps, 24Kbps, 32Kbps, 40Kbps	
		Bitrate Control	H.264/H.265: CBR or VBR MJPEG: VBR	
		Streaming	Unicast(6 users) / Multicast Multiple streaming(Up to 3 profiles)	
		Protocol	IPv4, IPv6, TCP/IP, UDP/IP, RTP(UDP), RTP(TCP), RTCP, RTSP, NTP, HTTP,	

			HTTPS, SSL/TLS, DHCP, FTP, SMTP, ICMP, IGMP, SNMPv1/v2c/v3(MIB-2), ARP, DNS, DDNS, QoS, UPnP, Bonjour, LLDP	
		Security	HTTPS(SSL) Login Authentication Digest Login Authentication IP Address Filtering User access log 802.1X Authentication(EAP-TLS, EAP-LEAP)	
		GENERAL		
		Web Viewer	Supported OS: Windows 7, 8.1, 10, Mac OSx10.12, 10.13, 10.14 Supported Browser: Google Chrome, MS Explore11, MS Edge, Mozilla Firefox(Window 64bit only), Apple Safari (Mac OSX)	
		Edge Storage	Micro SD/SDHC/SD XC 1slot 128GB	
		Memory	512MB RAM, 256MB Flash	
		ENVIRONMENTAL / ELECTRICAL		
		Operating Temperature / Humidity	-30°C ~ +55°C(-22°F ~ +131°F) / Less than 90% RH	
		Storage Temperature / Humidity	30°C ~ +60°C(-22°F ~ +140°F)	

			/ Less than 90% RH	
		Certification	IP66, IK10	
		Input Voltage	PoE(IEEE802.3 af, Class3), 12VDC	
		Power Consumption	PoE: Max 7.40W, typical 5.40W 12VDC: Max 6.50W, typical 4.80W	
	Item No. 3: 2 pcs. Mini Dome CCTV Camera for elevators **VIDEO**			
		Imaging Device	At least 1/2.8" 2MP CMOS	
		Resolution	1920x1080, 1280x960, 1280x720, 800x600, 800x448, 720x576, 720x480, 640x480, 640x360	
		Max. Framerate	H.265/H.264: Max. 30fps/25fps(60 Hz/50Hz) MJPEG: Max. 15fps/12fps(60 Hz/50Hz)	
		Min. Illumination	Color: 0.03Lux(F2.0 , 1/30sec)	
		LENS		
		Focal Length (Zoom Ratio)	2.8mm fixed focal	
		Max. Aperture Ratio	F2.0	
		Angular Field of View	H: 113.7 / V: 61.5° / D: 134.5°	
		Focus Control	Fixed	
		Pan / Tilt / Rotate Range	0˚~350˚ / 0˚~69˚ / 0˚~355˚	
		OPERATIONAL		

		Camera Title	Displayed up to 85 characters		
		Day & Night	Auto(Electrical)		
		Backlight Compensation	BLC, WDR, SSDR		
		Wide Dynamic Range	120dB		
		Digital Noise Reduction	The images should be cleaner, sharper and retain more detail. The images are captured in low light applications, has usually the high levels of noise which make them unusable. Therefore, the noise should be eliminated, or even greatly reduced, this will greatly enhance the performance of a camera. With reduced noise, it will keep image file sizes down when recorded digitally.		
		Motion Detection	4ea, polygonal zones		
		Privacy Masking	6ea, rectangular zones		
		Gain Control	Low / Middle / High		
		White Balance	ATW / AWC / Manual / Indoor / Outdoor		

		Electronic Shutter Speed	Minimum / Maximum / Anti flicker (1/5~1/12,000sec)		
		Video Rotation	Flip, Mirror, Hallway view(90˚/270˚)		
		Analytics	Defocus detection, Motion detection, Tampering		
		Business Intelligence	People counting		
		Alarm Triggers	Analytics, Network disconnect		
		Alarm Events	File upload via FTP and e-mail Notification via e-mail SD/SDHC/SDXC or NAS recording at event triggers		
		NETWORK			
		Ethernet	RJ-45(10/100BASE-T)		
		Video Compression	H.265/H.264: Main/High, MJPEG		
		Bitrate Control	H.264/H.265: CBR or VBR MJPEG: VBR		
		Streaming	Unicast(6 users) / Multicast Multiple streaming(Up to 3 profiles)		
		Protocol	IPv4, IPv6, TCP/IP, UDP/IP, RTP(UDP), RTP(TCP), RTCP, RTSP, NTP, HTTP,		

		HTTPS, SSL/TLS, DHCP, FTP, SMTP, ICMP, IGMP, SNMPv1/v2c/ v3(MIB-2), ARP, DNS, DDNS, QoS, UPnP, Bonjour, LLDP		
	Security	HTTPS(SSL) Login Authentication Digest Login Authentication IP Address Filtering User access log 802.1X Authentication (EAP-TLS, EAP-LEAP)		
	GENERAL			
	Web Viewer	Supported OS: Windows 7, 8.1, 10, Mac OSx10.12, 10.13, 10.14 Supported Browser: Google Chrome, MS Explore11, MS Edge, Mozilla Firefox(Windo w 64bit only), Apple Safari (Mac OSX)		
	Edge Storage	Micro SD/SDHC/SD XC 1slot 128GB		
	Memory	512MB RAM, 256MB Flash		
	ENVIRONMENTAL & ELECTRICAL			

		Operating Temperature / Humidity	-10°C ~ +55°C(-14°F ~ +131°F) / Less than 90% RH	
		Storage Temperature / Humidity	-30°C ~ +60°C(-22°F ~ +140°F) / Less than 90% RH	
		Certification	IP42, IK08	
		Input Voltage	PoE(IEEE802. 3af, Class2)	
		Power Consumption	PoE: Max 4.80W, typical 2.80W	
	Item No. 4: 2 pcs. Outdoor Bullet CCTV Camera with LPR **VIDEO**			
		Imaging Device	At least 1/1.8" CMOS	
		Resolution	3840x2160, 3072x1728, 2592x1944, 2688x1520, 2560x1440, 2048x1536, 1920x1080, 1600x1200, 1280x1024,1 280x960, 1280x720, 1024x768, 800 x 600, 800 x 448, 720 x 576, 720x480, 640x480, 640x360	
		Max. Framerate	H.265/H.264: Max. 30fps/25fps(60Hz/50Hz) MJPEG: Max. 15fps/12fps(60Hz/50Hz)	
		Min. Illumination	Color: 0.05Lux(F1.6 , 1/30sec) BW:	

		0Lux(IR LED on)	
	Video Out	CVBS: 1.0 Vp-p / 75Ω composite, 720x480(N), 720x576(P) for installation USB: Micro USB Type B, 1280x720 for installation	
	LENS		
	Focal Length (Zoom Ratio)	4.5~10mm(2.2x) motorized varifocal	
	Max. Aperture Ratio	F1.6(Wide)~F2.65(Tele)	
	Angular Field of View	H:101.4°(Wide)~45.5°(Tele) / V:53.6°(Wide)~25.5°(Tele) / D:120.7°(Wide)~52.3°(Tele)	
	Min. Object Distance	0.5m(1.64ft)	
	Focus Control	Simple focus	
	Lens Type	DC auto iris, P iris	
	OPERATIONAL		
	Camera Title	Displayed up to 85 characters	
	Day & Night	Auto(ICR)	
	Backlight Compensation	BLC, HLC, WDR, DWDR, SSDR	
	Digital Noise Reduction	The images should be cleaner, sharper and retain more detail. The	

			images are captured in low light applications, has usually the high levels of noise which make them unusable. Therefore, the noise should be eliminated, or even greatly reduced, this will greatly enhance the performance of a camera. With reduced noise, it will keep image file sizes down when recorded digitally.	
		Digital Image Stabilization	Stabilization Support(built -in gyro sensor)	
		Motion Detection	8ea, polygonal zones	
		Privacy Masking	6ea, rectangle zones Color: Gray/Green/ Red/Blue/Bla ck/White	
		Gain Control	Low / Middle / High	
		White Balance	ATW / AWC / Manual / Indoor / Outdoor	
		LDC	Support	
		Electronic Shutter Speed	Minimum / Maximum /	

			Anti flicker (1/5~1/12,000sec)	
		Video Rotation	Flip, Mirror, Hallway view(90˚/270˚)	
		Analytics	Classified object type : Person/Face/Vehicle/License plate with attributes, BestShot per object	
			Analytics events based on AI engine : Object detection, Face mask detection, Directional detection, Digital auto tracking, Enter/Exit, Loitering, Virtual line	
			Analytics events : Defocus detection, Motion detection, Appear/Disappear, Tampering, Audio detection, Sound classification, Shock detection	
		Business Intelligence	People counting, Queue management, Heatmap	

		based on AI engine	
	Alarm I/O	Input 1ea / Output 1ea / DC 12V Power(Max. 50mA) 1ea	
	Alarm Triggers	Analytics, Network disconnect, Alarm input	
	Alarm Events	File upload via FTP and e-mail Notification via e-mail SD/SDHC/S DXC or NAS recording at event triggers Alarm output Handover Audio playback	
	Audio In	Selectable(mic in/line in)	
		Supply voltage: 2.5VDC(4mA), Input impedance: 2K Ohm	
	Audio Out	Line out, Max.output level: 1Vrms	
	IR Viewable Length	30m(98.42ft)	
	NETWORK		
	Ethernet	Metal shielded RJ-45(10/100/1000 BASE-T)	
	Video Compression	H.265/H.264: Main/High, MJPEG	
	Audio Compression	G.711 u-law /G.726 Selectable	

			G.726(ADPCM) 8KHz, G.711 8KHz	
			G.726: 16Kbps, 24Kbps, 32Kbps, 40Kbps	
			AAC-LC: 48Kbps at 16KHz	
		Bitrate Control	H.264/H.265: CBR or VBR MJPEG: VBR	
		Streaming	Unicast(6 users) / Multicast Multiple streaming(Up to 3 profiles)	
		Protocol	IPv4, IPv6, TCP/IP, UDP/IP, RTP(UDP), RTP(TCP), RTCP,RTSP, NTP, HTTP, HTTPS, SSL/TLS, DHCP, FTP, SMTP, ICMP, IGMP, SNMPv1/v2c /v3(MIB-2), ARP, DNS, DDNS, QoS, UPnP, Bonjour, LLDP, SRTP (TCP, UDP Unicast)	
		Security	HTTPS(SSL) Login Authentication Digest Login Authentication IP Address	

		Filtering User access log 802.1X Authenticatio n(EAP-TLS, EAP-LEAP) Device Certificate(H anwha Techwin Root CA)	
	GENERAL		
	Web Viewer	Supported OS: Windows 7, 8.1, 10, Mac OSx10.12, 10.13, 10.14 Supported Browser: Google Chrome, MS Explore11, MS Edge, Mozilla Firefox(Wind ow 64bit only), Apple Safari (Mac OSX)	
	Edge Storage	Micro SD/SDHC/S DXC 2slots 512GB	
	Memory	4096MB RAM, 512MB Flash	
	ENVIRONMENTAL & ELECTRICAL		
	Operating Temperature / Humidity	-40°C ~ +55°C(-40°F ~ +131°F) / Less than 90% RH	
	Storage Temperature / Humidity	-50°C ~ +60°C(-58°F ~ +140°F) / Less than 90% RH	

		Certification	IP66/IP67, IK10, NEMA4X	
		Input Voltage	PoE+(IEEE802.3at), 12VDC	
		Power Consumption	PoE+: Max 20.0W, typical 17.00W 12VDC: Max 18.00W, typical 16.00W	
	Item No. 5: 1 pc. Central Video Management Software **SYSTEM MANAGEMENT**			
		Camera Connection	Up to 3,000 channels	
		Server Clustering	Data sharing, Failure management	
		System Dashboard	Real-time system status monitoring	
		User Management	Configurable user group, LDAP supported Device access authority, Feature level authority	
		Security	SSL, Database encryption, Login lockdown, Multi-level user access authority	
		Federation	Multi-tier domain federation, Max 100 domains	
		DEVICE MANAGEMENT		

		Centralized Device Configuration	Auto / Manual discovery, Device and add-on server registration	
		Maintenance	Setup file backup / restore, Device firmware update	
		EVENT MANAGEMENT		
		Event Configuration	4 levels event priority, Configurable event color	
		Event Action	Rule based event and triggering action setup Instant viewer pop-up, Alert sound, E-mail notification	
		SITE / LAYOUT / MAP DESIGN		
		Multi-Layered Site Configuration	Flexible site design, Site access authority	
		Layout & Pattern	User defined layout and tile pattern	
		Map	2D image map	
		RECORDING MODULE		
		Max. Camera Per Server	Up to 128 channel	
		Recording Performance	Up to 400Mbps (@4 HDD)	
		Recording Mode	Manual, Continuous, Event, Schedule	

		Pre / Post Event Recording	Pre : 10 ~ 60 sec / Post : 1,200 sec	
		RAID	Hardware RAID controller required	
		Etc	ARB (Auto recovery backup) from camera edge storage, Recoding retention time, iSCSI support	

	Item No. 6: 1 pc. Central Video Management Server	
	1 x PowerEdge R440 Motherboard	
	1 x Intel Xeon Gold 5217 3.0G, 8C/16T, 10.4GT/s, 11M Cache, Turbo, HT (115W) DDR4-2666	
	1 x iDRAC Group Manager, Enabled	
	1 x iDRAC Service Module (ISM), Pre-installed in OS	
	1 x iDRAC Factory Generate Password	
	1 x Chassis with up to 8 x 2.5" HOT Plug Hard Drives	
	1 x Standard Bezel	
	1 x Riser Config 1, 1 x 16 FH	
	1 x 14G OpenManage Placemat	
	1 x Quick Sync 2 (at-the-box mgmt.)	
	1 x 3200MT/s RDIMMs	
	1 x Performance Optimized	

		6 x 8GB RDIMM, 3200MT/s, Single Rank	
		1 x iDRAC, Enterprise	
		2 x 480GB SSD SATA Mix Use Gbps 512 2.5in Hot-plug AG Drive, 3 DWPD, 2628 TBW	
		1 x PERC H330 RAID Controller, Adapter, Low Profile	
		1 x Standard Heat Sink	
		1 x DVD +/-RW, SATA, Internal	
		1 x Dual, Hot Plug, Redundant Power Supply (1+1) 550W	
		2 x NEMA 5-15P to C13 Wall Plug, 10 feet (3m), 125V, 15AMP Power Cord North America	
		1 x Broadcom 5720 Dual Port 1GbE Base-T Adapter, PCIe Full Height	
		1 x Dual-Port 1GbE On-board LOM	
		1 x ReadyRails Sliding Rails With Cable Management Arm	
		1 x RAID 1	
		1 x OpenManage Enterprise Advanced	
		1 x Windows Server 2019 Standard, 16Core, Digitally Fulfilled Recovery Image, Multi Language	
		1 x Windows Server 2019 Standard, 16Core, FI, No Med, No CAL, Multi Language	
		1 x No Systems Documentation, No OpenManage DVD Kit	

	1 x For SADMG Countries only - No Installation Service Required	
	1 x Integration Information	
	1 x OpenManage Enterprise Advanced	
	1 x Basic Next Business Day 36 Months-ACDTS	
	1 x ProSupport Plus and 4Hr Mission Critical-ACDTS Initial, 36 Month(s)	
	1 x ProSupport Plus and 4Hr Mission Critical-ACDTS Extension, 24 Month(s)	
	Item No. 7: 1 pc. Workstation	
	Enterprise or Business model Desktop

Equivalent to 10th Generation Intel Core i5-10500 Processor (6 Cores/12MB/12T/3.1GHz to 4.5GHz/65W)

At least 360W up to 92% efficient Power Supply (80Plus Platinum)

Energy Star Qualified

EPEAT Registered

Must have Trusted Platform Module (TPM)

Must have cable cover tower

At least 8x DVD+/-RW 9.5mm Optical Disk Drive

8GB DDR4 non-ECC Memory

3.5" 1TB 7200rpm SATA Hard Disk Drive | |

	Equivalent to NVIDIA® GeForce® GT 730, 2 GB, GDDR5	
	With speaker for tower	
	Internal Wireless Antennas	
	Equivalent to intel wi-fi 6 AX201, Dual-band 2x2 802.11ax with MU-MIMO + Bluetooth 5.1	
	1 x Gigabit LAN	
	Wired Mouse Same brand of desktop Black	
	Wired Keyboard Same brand of desktop Black	
	Latest Propriety Operating System (Professional) 64 bit	
	Must have Client System Update (for BIOS, Drivers, Firmware and Apps)	
	Must Support OS Recovery Tool	
	Equivalent to Waves Maxx Audio Must have optimizer within built-in AI, intelligent audio and Intel Adaptix technology to learn usage or how a typical applications, continuously improving and applying settings to get the most nimble performance possible. Automatically tune system by adjusting background noise, managing speech volume and refining overall sound experience for every conference call in the room no matter where.	
	Must be capable of digital delivery client for safe keeping of licenses key.	
	Ports:	
	1 Universal Audio Jack (front)	

2 USB 3.2 Gen 1 Type-A port (front) 2 USB 2.0 ports (front) 1 RJ-45 port 10/100/1000 Mbps (rear) 2 USB 2.0 ports with Smart Power on (rear) 2 USB 3.2 Gen 1 Type-A ports (rear) 1 Line-out audio port (rear) 1 DisplayPort 1.4 (rear) 1 HDMI 1.4 port (rear) 1 Optional 3rd Video Port (VGA/DP 1.4/HDMI 2.0b) 1 Serial /PS2 slot (optional) **Warranty and Support** Limited Warranty: 3 years labor and parts – PH: At least 1 year on battery and accessories 3Yr Technical Support –PH Parts and labor response 7x24 Technical Support & Assistance: PH Same or NBD Onsite Service – PH Direct Online cases and dispatch Dispatch monitoring and crisis management Escalation management Collaborative 3rd party assistance Predictive / proactive automated issue detection, notification and case creation Predictive / proactive issue detection for failure prevention VIP / Priority Access to engineers Accidental damage repair Hard Drive Retention	

Dedicated Technical Account Handler Monthly support history and contract reporting	
Item No. 8: 1 pc. CCTV Storage 1 x PowerEdge R740/R740XD Motherboard 2 x Intel Xeon Silver 4212 2.2G, 12C/24T, 9.6GT/s, 16.5M Cache, Turbo, HT (85) DDR4-2400 1 x iDRAC, Factory Generated Password 1 x iDRAC9, Enterprise 1 x Chassis with up to 12 x 3.5" HDDs on BP, 4 x 3.5" HDDs on MP and 2 x 3.5" HDDs Flexbay, 1 and 2 CPU Configuration 1 x 2U LCD Bezel 1 x Riser Config 2, 3x8 , 1x16 slots 4 x 16GB RDIMM, 3200MT/s, Dual Rank 9 x 8TB 7.2K RPM NLSAS 12Gbps 512e 3.5" Hot-Plug Hard Drive 2 x 600GB 10K RPM SAS 12Gbps 512e 2.5" Flex Bay Hard Drive, 3.5" HYB CARR 1 x PERC H730P RAID 2 x 1U Pipe Low Profile Heatsink 1 x 6 Performance Fan 1 x Dual, Hot-Plug, Redundant Power Supply (1+1), 750W 1 x Trusted Platform Module 2.0	

	1 x Quick Sync 2 (at the box management)	
	1 x Performance Optimized	
	2 x NEMA 5-15P to C13 Wall Plug, 10 feet (3m), 125V, 15AMP Power Cord North America	
	1 x Intel X550 Dual Port 10GbE Base-T &i350 Dual Port, 1 GbE Base-T, rNDC	
	1 x Windows Storage Servers 2016 Standard Edition	
	1 x ReadyRails Sliding Rails with Cable Management Arm	
	1 x RAID 6	
	1 x OpenManage Enterprise Advanced	
	1 x 5 Yr ProSupport Plus & Mission Critical(7x24) 4-hr Onsite Service	
	1 x 5 Yr ProSupport Plus & Mission Critical(7x24) Technical Support & Assistance	
	1 x 1-3 ProSupport Plus & Mission Critical(7x24) 4-hr Onsite Service	
	1 x 4-5 ProSupport Plus & Mission Critical(7x24) 4-hr Onsite Service	
	Item No. 9: 6 pcs. 24 port Network Switch (POE)	

	10/100/1000 BaseT, POE+	24	
	10/100/1000 SFP Ports	4	
	Rackmount	19" 1U	
	Total PoE Budget	185W	

		PoE+ Capable Ports	1 to 24	
		Switching Capacity	56 Gbps	
		Forwarding Mode	Store-and-forward	
		MAC Address Table	8k	
		Packet Buffer Memory	512 KB	
		Power Source	100 to 240 VAC (50/60Hz)	
		Full Load Power Consumption	228.10 Watts	
		VLANs	Max 4094 Static Groups, Voice VLAN	
		Network Standards	IEEE 802.3 Ethernet IEEE 802.3i 10Base-T Ethernet IEEE 802.3u 100Base-TX Fast Ethernet IEEE 802.3ab 10000Base-T Gigabit Ethernet IEEE 802.3x Full-Duplex Flow Control IEEE 802.3z Gigabit Ethernet 1000Base-SX/LX IEEE 802.3ad Link Aggregation (Trunking) IEEE 802.1D Spanning Tree Protocol (STP) IEEE 802.1w Rapid Spanning Tree Protocol	

		(RSTP) IEEE 802.1s Multiple Spanning Tree Protocol (MSTP) IEEE 802.1Q VLAN Tagging IEEE 802.1ab Link Layer Discovery Protocol (LLDP) IEEE 802.1p Quality of Service IEEE 802.1X RADIUS Access Control IEEE 802.3az Energy Efficient Ethernet	
	Item No. 10: 3 pcs. 34" FHD LED Monitor		
	Item No. 11: 1 pc. Uninterrupted Power Supply (UPS)		
	Max Power (Watts)	4.5kWatts / 5kVA	
	Output Voltage Distortion	Less than 2%	
	Output Frequency	50/60 Hz +/- 3 Sync to mains	
	Other Output Voltages	220, 240	
	Input frequency	40-70 Hz Auto-sensing	
	Input voltage range for main operation	100-275 Adjustable	
	Other Input Voltages	220, 240	
	Battery Type	Lead-acid Battery	

		Included Battery Modules	2	
		Typical recharge time	1.5hr	
		Nominal Battery Voltage	192 V	
		Interface Port(s)	RJ-45 10/100 Base-T, RJ-45 Serial, Smart-Slot, USB	
		Control Panel	Multifunction LCD status and control console	
		Audible Alarm	Audible and visible alarms prioritized by severity	
		Emergency Power Off (EPO)	Yes	
		Surge energy rating	At least 480Joules	
		Max Height	44cm	
		Max width	13cm	
		Max Depth	72cm	
		Features	Hot-swappable batteries Intelligent battery Management Automatic internal bypass Temperature-compensated battery charging Automatic restart of loads after UPS shutdown Plug-and-Play external batteries	
		Protection	Resettable circuit breaker Power Conditioning Generator Compatible	

		Frequency and Voltage Regulation Cold-start capable	
	Warranty		
	One (1) year on workmanship 1 year on CCTV equipment. Server, Storage, workstation and UPS have five (5) years		

Conforme:

_____
Name of Bidder's/Representative

_____
Signature

_____
Date

Section VIII. Checklist of Technical and Financial Documents

Checklist of Technical and Financial Documents

I. TECHNICAL COMPONENT ENVELOPE

Class "A" Documents

Legal Documents

☐ (a) Valid PhilGEPS Registration Certificate (Platinum Membership) (all pages);
or

☐ (b) Registration certificate from Securities and Exchange Commission (SEC), Department of Trade and Industry (DTI) for sole proprietorship, or Cooperative Development Authority (CDA) for cooperatives or its equivalent document,
and

☐ (c) Mayor's or Business permit issued by the city or municipality where the principal place of business of the prospective bidder is located, or the equivalent document for Exclusive Economic Zones or Areas;
and

☐ (d) Tax clearance per E.O. No. 398, s. 2005, as finally reviewed and approved by the Bureau of Internal Revenue (BIR).

Technical Documents

☐ (e) Statement of the prospective bidder of all its ongoing government and private contracts, including contracts awarded but not yet started, if any, whether similar or not similar in nature and complexity to the contract to be bid; **and**

☐ (f) Statement of the bidder's Single Largest Completed Contract (SLCC) similar to the contract to be bid, except under conditions provided for in Sections 23.4.1.3 and 23.4.2.4 of the 2016 revised IRR of RA No. 9184, within the relevant period as provided in the Bidding Documents; **and**

☐ (g) Original copy of Bid Security. If in the form of a Surety Bond, submit also a certification issued by the Insurance Commission;
or
Original copy of Notarized Bid Securing Declaration; **and**

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

☐ (i) Original duly signed Omnibus Sworn Statement (OSS);
and if applicable, Original Notarized Secretary's Certificate in case of a corporation, partnership, or cooperative; or Original Special Power of Attorney of all members of the joint venture giving full power and authority to its officer to sign the OSS and do acts to represent the Bidder.

Financial Documents

☐ (j) The Supplier's audited financial statements, showing, among others, the Supplier's total and current assets and liabilities, stamped "received" by the BIR or its duly accredited and authorized institutions, for the preceding calendar year which should not be earlier than two (2) years from the date of bid submission; **and**

☐ (k) The prospective bidder's computation of Net Financial Contracting Capacity (NFCC);

or

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

Class "B" Documents

☐ (l)   If applicable, a duly signed joint venture agreement (JVA) in case the joint venture is already in existence;

           or

duly notarized statements from all the potential joint venture partners stating that they will enter into and abide by the provisions of the JVA in the instance that the bid is successful.

II. FINANCIAL COMPONENT ENVELOPE

☐ (m)   Original of duly signed and accomplished Financial Bid Form; **and**

☐ (n)   Original of duly signed and accomplished Price Schedule(s).

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

☐ (o)   *[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.

☐ (p)   Certification from the DTI if the Bidder claims preference as a Domestic Bidder or Domestic Entity.