

REPUBLIC OF THE PHILIPPINES QUEZON CITY GOVERNMENT BIDS AND AWARDS COMMITTEE – GOODS AND SERVICES



PHILIPPINE BIDDING DOCUMENTS

(As Harmonized with Development Partners)

PROCUREMENT OF BODY WORN CAMERA AND OTHERS

PROJECT NO. DPOS-23-OE-0117

Government of the Republic of the Philippines

Sixth Edition July 2020

Preface

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

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

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

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

- a. All the documents listed in the Table of Contents are normally required for the procurement of Goods. However, they should be adapted as necessary to the circumstances of the particular Procurement Project.
- b. Specific details, such as the "*name of the Procuring Entity*" and "*address for bid submission*," should be furnished in the Instructions to Bidders, Bid Data Sheet, and Special Conditions of Contract. The final documents should contain neither blank spaces nor options.
- c. This Preface and the footnotes or notes in italics included in the Invitation to Bid, Bid Data Sheet, General Conditions of Contract, Special Conditions of Contract, Schedule of Requirements, and Specifications are not part of the text of the final document, although they contain instructions that the Procuring Entity should strictly follow.
- d. The cover should be modified as required to identify the Bidding Documents as to the Procurement Project, Project Identification Number, and Procuring Entity, in addition to the date of issue.

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

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Glossary of Acronyms, Terms, and Abbreviations

ABC – Approved Budget for the Contract.

BAC – Bids and Awards Committee.

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

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

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

BIR – Bureau of Internal Revenue.

BSP – Bangko Sentral ng Pilipinas.

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

CDA - Cooperative Development Authority.

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

CIF – Cost Insurance and Freight.

CIP – Carriage and Insurance Paid.

- **CPI** Consumer Price Index.
- DDP Refers to the quoted price of the Goods, which means "delivered duty paid."

DTI – Department of Trade and Industry.

EXW – Ex works.

FCA – "Free Carrier" shipping point.

FOB – "Free on Board" shipping point.

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

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

GFI – Government Financial Institution.

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

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

GOP – Government of the Philippines.

GPPB – Government Procurement Policy Board.

INCOTERMS – International Commercial Terms.

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

LGUs – Local Government Units.

NFCC – Net Financial Contracting Capacity.

NGA – National Government Agency.

PhilGEPS - Philippine Government Electronic Procurement System.

Procurement Project – refers to a specific or identified procurement covering goods, infrastructure project or consulting services. A Procurement Project shall be described, detailed, and scheduled in the Project Procurement Management Plan prepared by the agency

which shall be consolidated in the procuring entity's Annual Procurement Plan. (GPPB Circular No. 06-2019 dated 17 July 2019)

PSA – Philippine Statistics Authority.

SEC – Securities and Exchange Commission.

SLCC – Single Largest Completed Contract.

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

UN – United Nations.

Notes on the Invitation to Bid

The Invitation to Bid (IB) provides information that enables potential Bidders to decide whether to participate in the procurement at hand. The IB shall be posted in accordance with Section 21.2 of the 2016 revised IRR of RA No. 9184.

Apart from the essential items listed in the Bidding Documents, the IB should also indicate the following:

- a. The date of availability of the Bidding Documents, which shall be from the time the IB is first advertised/posted until the deadline for the submission and receipt of bids;
- b. The place where the Bidding Documents may be acquired or the website where it may be downloaded;
- c. The deadline for the submission and receipt of bids; and
- d. Any important bid evaluation criteria (*e.g.*, the application of a margin of preference in bid evaluation).

The IB should be incorporated in the Bidding Documents. The information contained in the IB must conform to the Bidding Documents and in particular to the relevant information in the Bid Data Sheet.



QUEZON CITY GOVERNMENT BAC – GOODS AND SERVICES



INVITATION TO BID

October 12, 2023

	PROJECT NO.	OFFICE	PROJECT NAME	AMOUNT	SOURCE OF FUND	DELIVERY
1.	ENGINEERING-23-CE2- 1239	DEPARTMENT OF ENGINEERING	WHEEL TYPE EXCAVATOR	P 6,603,891.84	GENERAL FUND	30 CD
2.	ENGINEERING-23-OE- 1571	DEPARTMENT OF ENGINEERING	VARIOUS OFFICE EQUIPMENT	P 5,793,072.00	GENERAL FUND	120 CD
3.	DPOS-23-OE-0117	DEPARTMENT OF PUBLIC ORDER AND SAFETY	BODY WORN CAMERA AND OTHERS	P 113,304,363.00	GENERAL FUND	210 CD
4.	ITDD(QCU)-23-IS-1272B	INFORMATION TECHONOLOGY DEVELOPMENT DEPARTMENT (QCU)	SUBSCRIPTION TO PROFESSIONAL INTEGRATED DEVELOPMENT ENVIRONMENT (IDE) SUITE WITH CLOUD DEVELOPMENT & OPERATIONS (DEVOPS) SERVICES	P 2, 246,400.00	GENERAL FUND	30 CD
5.	NDH-23-HME-1209	NOVALICHES DISTRICT HOSPITAL	MECHANICAL VENTILATOR AND CYROSURGICAL GUN	P 5,436,254.00	GENERAL FUND	90 CD
6.	NDH-23-GRMS-1464B	NOVALICHES DISTRICT HOSPITAL	REPAIR AND MAINTENANCE OF ELEVATOR	P 1,200,000.00	GENERAL FUND	30 CD
7.	OCM(POP5)-23- VEHICLES-0394	OFFICE OF THE CITY MAYOR - POPS PLAN	FIRE TRUCK	P 56,000,000.00	GENERAL FUND	90 CD
8.	QCDRRMO-23- VEHICLES-1463	QUEZON CITY DISASTER RISK REDUCTION AND MANAGEMENT OFFICE	IMPOUNDING TRUCK	P 7,000,000.00	GENERAL FUND	90 CD
9.	QCDRRMO-23-EHSE- 1572	QUEZON CITY DISASTER RISK REDUCTION AND MANAGEMENT OFFICE	SUPPLY, DELIVERY, INSTALLATION, TESTING, AND COMMISSIONING OF HYDROMETEOROLOGICAL SENSORS AND HYDROMETEOROLOGICAL MONITORING AND RISK ANALYSIS SYSTEM	P25,000,000.00	TRUST FUND	30 CD
10.	QCDTRC(TAHANAN)-23- FIXTURES-0632D	QUEZON CITY DRUG TREATMENT AND REHABILITATION CENTER (TAHANAN)	SUPPLY AND INSTALLATION OF CUBICLE FABRIC WITH GLASS AND OTHERS	P 1,013,631.89	GENERAL FUND	30 CD
11.	SDO-23-BMOP-0948B	SCHOOLS DIVISION OFFICE	LIFE SKILLS WORKBOOKS	P 4,800,000.00	SPECIAL EDUCATION FUND	30 CD
12.	SDO-23-OE-1231	SCHOOLS DIVISION OFFICE	LAPTOP AND COMPUTER SOFTWARE	P 53,750,000.00	SPECIAL EDUCATION FUND	30 CD
13.	SDO-23-LSE-1385	SCHOOLS DIVISION OFFICE	ROBOTIC AI LEARNING SET AND OTHERS	P 8,035,680.00	SPECIAL EDUCATION FUND	30 CD



			LINE 1: DEVELOPMENT, INSTALLATION, TESTING AND DEPLOYMENT OF THE QUEZON CITY SOCIAL WELFARE PROGRAM ADMINISTRATION SYSTEM	P 7,850,000.00	GENERAL FUND	60 CD	
			LINE 2: SUPPLY, DELIVERY, INSTALLATION, TESTING AND COMMISSIONING OF THE QUEZON CITY ONLINE TRICYCLE REGISTRATION AND RENEWAL SYSTEM	P 7,850,000.00	GENERAL FUND	60 CD	
			LINE 3: SUPPLY, DELIVERY, INSTALLATION, TESTING AND COMMISSIONING OF THE PROPERTY AND CASE MANAGEMENT SYSTEM OF QUEZON CITY	P 14,000,000.00	GENERAL FUND	60 CD	
			LINE 4: SUPPLY, INSTALLATION, TESTING, COMMISSIONING, DEPLOYMENT AND DEVELOPMENT OF THE QUEZON CITY GENDER AND DEVELOPMENT (QC GAD) INTEGRATED MANAGEMENT INFORMATION SYSTEM (PHASE 2)	P 9,000,000.00	GENERAL FUND	3 MONTHS	
			LINE 5: SUPPLY AND DELIVERY OF TECHNICAL UPGRADES AND MAINTENANCE SERVICES OF THE ONLINE QUEZON CITY PORTAL	P 15,000,000.00	GENERAL FUND	60 CD	
	OCM(CAO)-23-IT- 1620	23-IT- OFFICE OF THE CITY MAYOR (CITY ADMINISTRATORS OFFICE)	LINE 6: DEVELOPMENT, INSTALLATION, TESTING AND DEPLOYMENT OF THE QUEZON CITY COMMUNITY HOUSING ADMINISTRATION SYSTEM	P 15,000,000.00	GENERAL FUND	60 CD	
14.			LINE 7: SUPPLY, INSTALLATION, TESTING AND COMMISSIONING OF QUEZON CITY CYBER SECURITY SYSTEM	P 14,000,000.00	GENERAL FUND	90 CD	
			LINE 8: SUPPLY, INSTALLATION, TESTING AND COMMISSIONING OF THE ENHANCEMENT OF THE QUEZON CITY PUBLIC LIBRARY SYSTEM (QCPL-S)	P 20,000,000.00	GENERAL FUND	90 CD	
				LINE 9: SUPPLY, INSTALLATION, TESTING AND COMMISSIONING OF THE QUEZON CITY DEPARTMENT OF ENGINEERING INFRASTRUCTURE PROJECT MANAGEMENT SYSTEM (QCDE-IPMS)	P 20,000,000.00	GENERAL FUND	60 CD
			LINE 10: SUPPLY, DELIVERY, INSTALLATION, TESTING AND COMMISSIONING OF THE QUEZON CITY DEPARTMENT OF ENGINEERING ROAD AND DRAINAGE FIX: INFRA ASSET MANAGEMENT SYSTEM (QC ROADFIX)	P 20,000,000.00	GENERAL FUND	60 CD	
			LINE 11: SUPPLY, INSTALLATION, COMMISSIONING, DATA MIGRATION AND MAINTENANCE OF AN ONLINE MARKET MANAGEMENT SYSTEM FOR THE MARKET DEVELOPMENT AND ADMINISTRATION DEPARTMENT (MDAD), QUEZON CITY (PHASE 2)	P 35,000,000.00	GENERAL FUND	60 CD	
			LINE 12: SUPPLY, INSTALLATION, TESTING AND COMMISSIONING OF A CONSOLIDATED COMPREHENSIVE SYSTEM ENHANCEMENT OF THE BUSINESS ONE STOP SHOP MODULE UNDER THE QC E-SERVICES PORTAL ADOPTING THE WHOLE OF GOVERNMENT PRINCIPLE AS PROVIDED UNDER RA 11032 OTHERWISE KNOWN AS THE EASE OF DOING BUSINESS AND EFFICIENT DELIVERY OF GOVERNMENT SERVICES ACT OF 2018 AND ITS IMPLEMENTING RULES AND REGULATIONS	P 32,000,000.00	GENERAL FUND	120 CD	

- The QUEZON CITY LOCAL GOVERNMENT, through the General Fund, Trust fund and Special Education Fund, of various years
 intends to apply the sums stated above being the ABC to payments under the contract for the above stated projects of contract for each
 lot/item. Bids received in excess of the ABC shall be automatically rejected at bid opening.
- 2. The QUEZON CITY LOCAL GOVERNMENT now invites bids for various Projects. Delivery of the Goods is required as stated above. Bidders should have completed, within the last three (3) years from the date of submission and receipt of bids, a contract similar to the Project. The description of an eligible bidder is contained in the Bidding Documents, particularly, in Section II. Instructions to Bidders.
- 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.
 - a. 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.
- Prospective Bidders may obtain further information from QUEZON CITY GOVERNMENT Bids and Awards Committee (BAC) Secretariat and inspect the Bidding Documents at the address given below during weekdays from 8:00 a.m. - 5:00 p.m.

5.

A complete set of Bidding Documents may be acquired by interested Bidders on Friday, October 13, 2023 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. The Procuring Entity shall allow the bidder to present its proof of payment for the fees in person.

STANDARD RATES:

Approved Budget for the Contract	Maximum Cost of Bidding Documents (in Philippine Peso)
500,000 and below	500.00
More than 500,000 up to 1 Million	1,000.00
More than 1 Million up to 5 Million	5,000.00
More than 5 Million up to 10 Million	10,000.00
More than 10 Million up to 50 Million	25,000.00
More than 50 Million up to 500 Million	50,000.00
More than 500 Million	75,000.00

The following are the requirements for purchase of Bidding Documents;

- 1. PhilGEPS Registration Certificate (Platinum 3 pages)
- 2. Document Request List (DRL)
- 3. Authorization to Purchase Bidding Documents
 - 3.1 Corporate Secretary Certificate for corporation (specific for the project)
 - 3.2 Special Power of Attorney for single proprietorship (specific for the project)
- 4. Notarized Joint Venture Agreement (as applicable)
- The Quezon City Local Government will hold a Pre-Bid Conference on 10:30 A.M. of <u>Friday, October 20, 2023</u> at 2nd Floor, Procurement Department-Bidding Room, Finance Building,

Quezon City Hall Compound, and/or through video conferencing via Zoom which shall be open to prospective bidders.

Topic: BAC-GOODS Pre-Bid Conference Meeting Join Zoom Meeting https://us02web.zoom.us/j/84835002246?pwd=OVRuVE0weXZMNXYwZG5LaWd1dXk1QT09

Meeting ID: 848 3500 2246 Passcode: 154733

- 7. Bids must be duly received by the BAC Secretariat through manual submission at the 2nd Floor, Procurement Department, Finance Building, Quezon City Hall Compound on or before <u>10:00 A.M.</u> of <u>Tuesday</u>, <u>November 07, 2023</u>. 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.
- Bid opening shall be on <u>11:00 A.M. of Tuesday, November 07, 2023</u> at the given address below and/or via Zoom. Bids will be opened in the presence of the bidders' representatives who choose to attend the activity.

Topic: BAC-GOODS & SERVICES BIDDING Join Zoom Meeting https://us02web.zoom.us/j/85850855933?pwd=R2dZUUp4Z3lyU29iZGV1WmdKRjZCdz09

Meeting ID: 858 5085 5933 Passcode: 118682

- 10. The Quezon City Local Government 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:

ATTY. DOMINIC B. GARCIA

OIC, Procurement Department 2nd Floor, Procurement Department, Finance Building, Quezon City Hall Compound Elliptical Road, Barangay Central Diliman, Quezon City. Email Add: <u>bacgoods.procurement@quezoncity.gov.ph</u> Tel. No. (02)8988-4242 loc. 8506/8710 Website: <u>www.quezoncity.gov.ph</u>

12. You may visit the following websites:

For downloading of Bidding Documents: www.quezoncity.gov.ph

By MS. MA ARITA T. SANTOS, DPA Chai C-BAC-Goods and Services

Notes on the Instructions to Bidders

This Section on the Instruction to Bidders (ITB) provides the information necessary for bidders to prepare responsive bids, in accordance with the requirements of the Procuring Entity. It also provides information on bid submission, eligibility check, opening and evaluation of bids, post-qualification, and on the award of contract.

1. Scope of Bid

The Procuring Entity, **Quezon City Local Government** *wishes* to receive Bids for the **PROCUREMENT OF BODY WORN CAMERA AND OTHERS** with identification number **DPOS-23-OE-0117**.

[Note: The Project Identification Number is assigned by the Procuring Entity based on its own coding scheme and is not the same as the PhilGEPS reference number, which is generated after the posting of the bid opportunity on the PhilGEPS website.]

The Procurement Project (referred to herein as "Project") is composed of *twenty (20) items*, 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 **2023** in the amount of **ONE HUNDRED THIRTEEN MILLION THREE HUNDRED** FOUR THOUSAND THREE HUNDRED SIXTY THREE PESOS AND 00/100 ONLY (Php113,304,363.00).
- 2.2. The source of funding is:
 - a) LGUs, the Annual or Supplemental Budget, as approved by the Sanggunian.

3. Bidding Requirements

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

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

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

4. Corrupt, Fraudulent, Collusive, and Coercive Practices

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

5. Eligible Bidders

- 5.1. Only Bids of Bidders found to be legally, technically, and financially capable will be evaluated.
- 5.2. Foreign ownership exceeding those allowed under the rules may participate pursuant to:
 - i. When a Treaty or International or Executive Agreement as provided in Section 4 of the RA No. 9184 and its 2016 revised IRR allow foreign bidders to participate;
 - ii. Citizens, corporations, or associations of a country, included in the list issued by the GPPB, the laws or regulations of which grant reciprocal rights or privileges to citizens, corporations, or associations of the Philippines;
 - iii. When the Goods sought to be procured are not available from local suppliers; or
 - iv. When there is a need to prevent situations that defeat competition or restrain trade.
- 5.3. Pursuant to Section 23.4.1.3 of the 2016 revised IRR of RA No.9184, the Bidder shall have an SLCC that is at least one (1) contract similar to the Project the value of which, adjusted to current prices using the PSA's CPI, must be at least equivalent to:
 - a. For the procurement of **Non-Expendable Supplies and Services**: The Bidder must have completed a single contract that is similar to this Project, equivalent to at least **fifty percent (50%)** of the ABC.
- 5.4. The Bidders shall comply with the eligibility criteria under Section 23.4.1 of the 2016 IRR of RA No. 9184.

6. Origin of Goods

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

7. Subcontracts

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

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

11. Documents comprising the Bid: Financial Component

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

12. Bid Prices

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

- a. For Goods offered from within the Procuring Entity's country:
 - i. The price of the Goods quoted EXW (ex-works, ex-factory, exwarehouse, ex-showroom, or off-the-shelf, as applicable);
 - ii. The cost of all customs duties and sales and other taxes already paid or payable;
 - iii. The cost of transportation, insurance, and other costs incidental to delivery of the Goods to their final destination; and
 - iv. The price of other (incidental) services, if any, listed in e.
- b. For Goods offered from abroad:
 - i. Unless otherwise stated in the **BDS**, the price of the Goods shall be quoted delivered duty paid (DDP) with the place of destination in the Philippines as specified in the **BDS**. In quoting the price, the Bidder shall be free to use transportation through carriers registered in any eligible country. Similarly, the Bidder may obtain insurance services from any eligible source country.
 - ii. The price of other (incidental) services, if any, as listed in **Section VII (Technical Specifications).**

13. Bid and Payment Currencies

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

14. Bid Security

- 14.1. The Bidder shall submit a Bid Securing Declaration¹ or any form of Bid Security in the amount indicated in the **BDS**, which shall be not less than the percentage of the ABC in accordance with the schedule in the **BDS**.
- 14.2. The Bid and bid security *in no case shall exceed One Hundred Twenty (120) calendar days from the date of opening of bids, unless duly extended by the bidder upon the request of the Head of the Procuring Entity (HoPE) of the Quezon City Local Government.* Any Bid not accompanied by an acceptable bid security shall be rejected by the Procuring Entity as non-responsive.

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

15. Sealing and Marking of Bids

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

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

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

16. Deadline for Submission of Bids

16.1. The Bidders shall submit on the specified date and time through manual submission as indicated in paragraph 7 of the **IB**.

17. Opening and Preliminary Examination of Bids

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

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

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

18. Domestic Preference

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

19. Detailed Evaluation and Comparison of Bids

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

19.4. The Project shall be awarded as follows:

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

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

20. Post-Qualification

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

21. Signing of the Contract

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

Notes on the Bid Data Sheet

The Bid Data Sheet (BDS) consists of provisions that supplement, amend, or specify in detail, information, or requirements included in the ITB found in Section II, which are specific to each procurement.

This Section is intended to assist the Procuring Entity in providing the specific information in relation to corresponding clauses in the ITB and has to be prepared for each specific procurement.

The Procuring Entity should specify in the BDS information and requirements specific to the circumstances of the Procuring Entity, the processing of the procurement, and the bid evaluation criteria that will apply to the Bids. In preparing the BDS, the following aspects should be checked:

- a. Information that specifies and complements provisions of the ITB must be incorporated.
- b. Amendments and/or supplements, if any, to provisions of the ITB as necessitated by the circumstances of the specific procurement, must also be incorporated.

Bid Data Sheet

ITB					
Clause					
5.3	For this purpose, contracts similar to the Project shall be:				
	 a. A single contract similar to the item/s to be bid and must be at least fifty percent (50%) of the ABC. b. Completed within the last three (3) years prior to the deadline for the submission 				
	and receipt of bids substantially in a FORM prescribed by the QC-BAC- GOODS AND SERVICES, must be accompanied by a copy of Certificate of Acceptance by the end-user or Official Receipt (O.R) or Sales Invoice (S.I.) issued for the Contract.				
7.1	Subcontracting is not allowed.				
12	The price of the Goods shall be quoted DDP <i>within Quezon City</i> or the applicable International Commercial Terms (INCOTERMS) for this Project.				
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 <i>Php2,266,087.26</i> or equivalent to two percent (2%) of ABC 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 <i>Php5,665,218.15</i> or equivalent to five percent (5%) of ABC if bid security is in Surety Bond.				
19.3	BREAKDOWN OF APPROVED BUDGET FOR THE CONTRACT (ABC)				
	For Item No. 1 P 10,846,800.00				
	For Item Nos. 2 to 4 P 56,233,341.00				
	For Item No. 5 P 182,112.00 For Item No. 6 P 775 647.00				
	For Item No. 6 P 775,647.00 For Item Nos. 7 to 20 P 45,266,463.00				
	Total P 113,304,363.00				
20.2	List of required licenses and permits relevant to the Project and the corresponding law requiring it.				
	No additional requirements				
21.2	Additional required documents relevant to the Project that are required by existing laws and/or the Procuring Entity.				
	Manufacturer Certificate for Body Worn Camera System, Network and Storage as an authorized Partner.				
	Service Level Certificate indicating the coverage of the warranty of the products and the nature of services.Functional design of the system to be provided.				
	 List of model numbers, specifications and source of origin of all the items to be bid. Statement of warranty 				
	 For item nos. 1, 4, 7, 9, 11 and 14 - Minimum of Three (3) years warranty and maintenance For other equipment – minimum of One (1) year Organizational chart for the project 				
	List of manpower				
	Affidavit of undertaking stating compliance to the following:				
	- must have a minimum of Ten (10) year experience in supplying, commissioning, and				
	servicing systems related to the project.				
	- must have completed at least 1 significant Body Worn Camera project in supplying,				
	commissioning, and servicing systems related to the project in the last 3 years.				
	 Must have the capacity to support replacement of parts and provide reliable service 				
	during the warranty period.				
	 must have at least one (1) Project Manager with a Minimum of Three (3) years of project Management, Coordination, and Implementation. 				
L	project management, coordination, and implementation.				

Notes on the General Conditions of Contract

The General Conditions of Contract (GCC) in this Section, read in conjunction with the Special Conditions of Contract in Section V and other documents listed therein, should be a complete document expressing all the rights and obligations of the parties.

Matters governing performance of the Supplier, payments under the contract, or matters affecting the risks, rights, and obligations of the parties under the contract are included in the GCC and Special Conditions of Contract.

Any complementary information, which may be needed, shall be introduced only through the Special 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

Notes on the Special Conditions of Contract

Similar to the BDS, the clauses in this Section are intended to assist the Procuring Entity in providing contract-specific information in relation to corresponding clauses in the GCC found in Section IV.

The Special Conditions of Contract (SCC) complement the GCC, specifying contractual requirements linked to the special circumstances of the Procuring Entity, the Procuring Entity's country, the sector, and the Goods purchased. In preparing this Section, the following aspects should be checked:

- a. Information that complements provisions of the GCC must be incorporated.
- b. Amendments and/or supplements to provisions of the GCC as necessitated by the circumstances of the specific purchase, must also be incorporated.

However, no special condition which defeats or negates the general intent and purpose of the provisions of the GCC should be incorporated herein.

GCC Clause 1 [List here any additional requirements for the completion of this Contract. The following requirements and the corresponding provisions may be deleted, amended, or retained depending on its applicability to this Contract:] **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: [For Goods supplied from abroad, state:] "The delivery terms applicable to the Contract are DDP delivered [indicate place of destination]. In accordance with **INCOTERMS.**" [For Goods supplied from within the Philippines, state:] "The delivery terms applicable to this Contract are delivered [indicate place of destination]. Risk and title will pass from the Supplier to the Procuring Entity upon receipt and final acceptance of the Goods at their final destination." 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 [indicate name(s)]. 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: Select appropriate requirements and delete the rest. performance or supervision of on-site assembly and/or start-up of a. the supplied Goods; furnishing of tools required for assembly and/or maintenance of the b. supplied Goods; furnishing of a detailed operations and maintenance manual for each c. appropriate unit of the supplied Goods; performance or supervision or maintenance and/or repair of the d. 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 training of the Procuring Entity's personnel, at the Supplier's plant e. and/or on-site, in assembly, start-up, operation, maintenance, and/or repair of the supplied Goods. f. [Specify additional incidental service requirements, as needed.] The Contract price for the Goods shall include the prices charged by the Supplier for incidental services and shall not exceed the prevailing rates charged to other parties by the Supplier for similar services.

Special Conditions of Contract

Spare Parts –
The Supplier is required to provide all of the following materials, notifications, and information pertaining to spare parts manufactured or distributed by the Supplier:
Select appropriate requirements and delete the rest.
a. such spare parts as the Procuring Entity may elect to purchase from the Supplier, provided that this election shall not relieve the Supplier of any warranty obligations under this Contract; and
b. in the event of termination of production of the spare parts:
i. advance notification to the Procuring Entity of the pending termination, in sufficient time to permit the Procuring Entity to procure needed requirements; and
ii. following such termination, furnishing at no cost to the Procuring Entity, the blueprints, drawings, and specifications of the spare parts, if requested.
The spare parts and other components required are listed in Section VI (Schedule of Requirements) and the cost thereof are included in the contract price.
The Supplier shall carry sufficient inventories to assure ex-stock supply of consumable spare parts or components for the Goods for a period of [indicate here the time period specified. If not used indicate a time period of three times the warranty period].
Spare parts or components shall be supplied as promptly as possible, but in any case, within [<i>insert appropriate time period</i>] months of placing the order.
 Packaging –
The Supplier shall provide such packaging of the Goods as is required to prevent their damage or deterioration during transit to their final destination, as indicated in this Contract. The packaging shall be sufficient to withstand, without limitation, rough handling during transit and exposure to extreme temperatures, salt and precipitation during transit, and open storage. Packaging case size and weights shall take into consideration, where appropriate, the remoteness of the Goods' final destination and the absence of heavy handling facilities at all points in transit.
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
	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 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	[If partial payment is allowed, state] "The terms of payment shall be as follows:
4	The inspections and tests that will be conducted are: <i>Product Presentation/Demonstration/Site Inspection, if applicable.</i>

Section VI. Schedule of Requirements

PROJECT NAME: PROCUREMENT OF BODY WORN CAMERA AND OTHERS PROJECT NO. DPOS-23-OE-0117

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

Item Number	Description	Unit of Issue	Quantity	Delivered, Weeks / Months
1	BODY WORN CAMERAThe device is designed to be worn on the torso. It features videorecording and live video streaming capabilities.Supports quick startup within 6s after the device is powered onSupport the 1,080P(30FPS), 720P(30FPS) and D1 (640x480 30FPS) forvideo streaming (online)Support 4K (30FPS) resolution for local video recording (offline)The body worn camera has a dedicated hardware button to mark avideo as important when recording is in progress. A visible indicatorwill be shown on the body worn camera display if the video recordingis marked.Support 8 mega pixels, 16 mega pixels for still image snapshotsSupport H.264/H.265 video coding and encodingAt least dual microphonesSupport Camera FlashSupport hardware gyroscope and six-axis anti-shake algorithm, providing low video jitter	set	276	Months
2	Speaker power at least 1WDIGITAL EVIDENCE MANAGEMENT SYSTEM SOFTWAREAccess and management of recorded video footage uploaded fromconnected camerasSupport the management of 50000 end users and 5 levelsSystem adopts the B/S architectureSupport querying all media data based on the department, time type,time range, username/alias, key mark, and media typeSupport the functions of pause, resume, fast-forward, rewind, playbackin full screen, adjusting the volume, playback frame by frame, andscreenshot.Support download of the file to a local directorySupport unified management of user rights: operation rights and fileaccess scopeSupport users to add, modify, and delete collection stations, and querydevice information, device name, ID, device IP address, device vendor,device wersionSupport the functions of add, view, modify, and delete file uploadservices, set service start time segments, and view storage serviceinformation, such as the IP address, online status, total capacity, andremaining capacitySupport the uploading of Body Worn Camera firmware package to theDock Station for automatic firmware upgrading once the Body WornCamera is dockedSupport unified login authentication. Login password and verificationSupport integration to external NAS with NFS protocol to expand	lot	1	Within Two Hundred Ten (210) Calendar Days upon issuance of Notice to Proceed
3	storage DISPATCHING PLATFORM Video Streaming system is deployed in a Client-Server architecture. The video streaming server provides video streaming service	unit	1	

4	The system supports the video uploading to command center. The video resolution can support 1080p/720p/D1 video format The Dispatching Console can initiate mobile video surveillance to pull video from Body Wom Camera and User Equipment The Dispatching Software consists of the eMDC (Multimedia Dispatching and Processing Center) to dispatch and manage video services to meet the commanding and dispatching requirements in various complex environment. The Dispatching Software consists of the eUDC (User and Device Controller) to centrally manage all terminals. All terminals can be remotely configured, and user permission policies are also managed by the eUDC. The eUDC provides functions including user (body worn camera) registration and user service control. Certain functions or services can be disabled for users when required. The eUDC and the eMDC of the Dispatching Software shall be co- deployed on one server. The Dispatching Console consists of the eDC (Dispatching Console, on workstation. The Dispatching Console provides man-machine interface for HD video dispatching services. The Dispatching Console, an view user information, The Dispatching Console provides man-machine interface for HD video dispatching services. The Dispatching Console can also provide video surveillance on deployed body worn cameras. The Dispatching Software shall be able to specify the maximum number of login attempts. If a vorng password is entered for this maximum number of attempts the account will be locked. The Dispatching Software shall be able to specify the validity period of an account. Support Software shall be able to specify the validity period of an account. Support Software shall be able to specify the validity period of an account. Support Software shall be able to specify the validity period of an account. Support Software shall be able to specify the validity period of an account. Support Software Software shall be able to specify the validity period of an account. Supports and CB28181 for connecting of fixed camera to the	unit	2	Within Two Hundred Ten (210) Calendar Days upon issuance of Notice to Proceed

	Firewall should support NAT444, NAT66 (IPv6-to-IPv6), Nat46 (IPv4-			
	to-IPv6) and DS-Lite NAT			
5	VIDEO WALL MOUNTING SYSTEM WITH RAILS	unit	8	
	Tilt adjustment: 2.5° to 4°		-	
	Orientation: landscape			
	Weight capacity: 150lbs./68.2 kg.			
6	VIDEO WALL CONTROLLER	unit	1	
	Modular frame with minimum 11-card slots			
	Must have a minimum of 8-channel HDMI inputs and support			
	resolution up to 1,920 x 1,200			
	Must have a minimum 12-channel HDMI outputs and support			
	resolution up to 1,920 x 1,200			
	Must support 1/4/9/16 image division of a single output interface, and			
	the full screen switching of sub windows			
	Must support displaying dynamic images on multiple display terminals			
	at the same time			
	Must have built-in matrix			
	Must support 4K@60 Hz input, transmission and output			
	Must have two (2) 10/100/1,000M self-adaptive Ethernet interface			
	Must have at least one (1) 10G optical interface			
7	Must support decoding standard stream such as H.264/H.265 DOCKING STATION		22	-
	The Docking Station will allow the safe download of all recorded	set	23	
	footage and transfer to the evidence management system			
	Support 4K H.265 HD video playback			
	Support 18.5 inches touch screen			
	Support Nos Inclusional Sector			
	Supports 12 independent slots for up to 12 BWC to charge and sync			
	data simultaneously			TA7:11- 1-
	System disk SSD 64GB. With at least 4TB HDD for data and up to 40TB			Within Two
	expansion space			Hundred
	Support 110VAC to 240VAC			Ten (210)
	The device works properly within the range of 85% to 110% of rated			Calendar
	power voltage			Days upon
	Automatically detects and identifies, and automatically copies the			issuance
	audio, video, pictures, and log materials from the BWC			of Notice to Proceed
	Support resuming from breakpoint between the docking station and the			torroceeu
	Digital Evidence Management System (DEMS).			
	After data upload is complete, automatically clean the internal storage			
	of the BWC.			
	Automatic time synchronization with the connected body worn cameras			
	is supported.			
	Support charging of the connected BWC.			
	Allows authorized users to view, playback, mark and delete imported			
	data.			
	Support file search based on the combination of username, time.			
	The collected data can be stored locally or uploaded to a centralized			1
	management server for storage and archiving.			
	The storage duration can be configured. Data that exceeds the storage period can be automatically deleted.			
	When the local storage space of the collection site is lower than the			
	threshold, an alarm will be automatically sounded as indication.			
	User rights can be managed, including viewing, exporting, and deleting			
	user rights.			
	The Dock station can identify the connected devices automatically;			
	unauthorized devices will not be able to connect to the dock station.			
	Collected data is protected to prevent unauthorized processes from			
	reading, modifying, and deleting collected video data and audio data.			
	Three (3) years warranty and maintenance.			
8	DIGITAL EVIDENCE MANAGEMENT SYSTEM SERVER	set	1	
	Evidence Management Servers with minimum server specification; The		-	
	evidence management server allows administrators to manage all			
	recorded video and create incidents and exports videos.			
	Videos are watermarked to prevent unauthorized editing.			
	CPU: 2 x Intel Xeon Silver 4210R 2.4G, 10C/20T, 9.6GT/s, 13.75M Cache,			
	Turbo, HT (100W) DDR4-2400 or its equivalent benchmark processor;			
	Memory: 4 x 16GB RDIMM, 3200MT/s, Dual Rank			

Schedule of Requirements Page 3 of 7

System Dist: 2(00CD	
System Disk: 2 x 600GB Data Disk: 14 x 4TB	
Network Port : 1 x Intel Ethernet I350 Dual Port 1GbE BASE-T	Adapter.
PCIe Full Height	Tuapier,
1 x Intel X520 Dual Port 10GbE SFP+ & i350 Dual Port 1GbE BA	SE-T,
rNDC	,
Ports:	
Front ports: VGA, 2 x USB 2.0, dedicated IDRAC Direct Micro-U	USB
Rear ports: VGA, Serial, 2 x USB 3.0, dedicated network port	
Video card: VGA	
Raid Controller: 2GB NV Cache, Mini card	
Fan: 6 Hot Plug Standard Fans	
Power Module: Dual, Hot-plug, Redundant Power Supply (1+1)), 750W
System management:	
IPMI 2.0 compliant iDRAC9 with Lifecycle Controller (Express,	,
Enterprise), Quick Sync 2 wireless module optional	
RAID Controller, 2GB NV Cache, Adapter, Low Profile	
RAID 5 Software Security:	
TPM 1.2/2.0 optional	
Cryptographically signed firmware	
Secure Boot	
Operating System: SUSE Linux Enterprise Server 12 SP4	
9 NAS STORAGE	set 1
System Architecture : The storage system uses a symmetric acti	
active architecture. LUNs do not belong to any controller. Service	
of a single LUN are balanced among all controllers. Minimum o	
controllers per controller enclosure.	
System should also offer convergence in SAN and NAS.	
CPU: at least 1 x 48 cores CPU with 2.6 GHz frequency per cont	troller Within
Cache: The total cache capacity in the system is at least 384GB	Two
Front-end network :	Hundred
Should be able to support 10GE, 25GE, 40GE, InfiniBand and 10	
should have at least 8 x 10Gb Eth SFP ports.	Calendar Dave uno
Usable Capacity: The total usable capacity should be at least 300	0TiB Days upo issuance
using RAID 6	of Notice
Disk Configuration: SAS SSD: 6 x 3.84TB	to Proceed
Hard Disk: 41 x 10TB NL SAS	
Supported Data Protection Level RAID 5, RAID 6, RAID TP	
Maintainability : Supports hot-swappable disks, power modul	les, and
I/O modules	
Provides an intuitive and user-friendly GUI facilitating system	O&M
10 DISPATCHING SERVER	set 1
The Video Streaming Server is installed with the Video Streaming	
Application Software that allows for the live streaming of video	D.
CPU: 2 x Intel Xeon Gold 5218 2.3G, 16C/32T, 10.4GT/s, 22M Ca	nche,
Turbo, HT (125W) DDR4-2666 or its equivalent benchmark	
Memory: 2 x 64GB RDIMM, 3200MT/s, Dual Rank	
Storage: 5 x 1.2TB 10K RPM SAS 12Gbps 512n 2.5in Hot-plug H	lard
Drive Natural, port 1 v Intel Ethormat 1250 Dual Part 1ChE PASE T A	Adaptor
Network port: 1 x Intel Ethernet I350 Dual Port 1GbE BASE-T A	Adapter,
PCIe Full Height 1 x Intel X520 Dual Port 10GbE SFP+ & i350 Dual Port 1GbE BA	SF-T
rNDC	ISE-1,
Port:	
Front ports: VGA, 2 x USB 2.0, dedicated IDRAC Direct Micro-U	USB
Rear ports: VGA, Serial, 2 x USB 3.0, dedicated IDRAC network	
Video card: VGA	·
Fan: 6 Hot Plug Standard Fans	
Power Module: Dual, Hot-plug, Redundant Power Supply (1+1)), 750W
System management:	
IPMI 2.0 compliant iDRAC9 with Lifecycle Controller (Express,	,
Enterprise) Quick Sync 2 wireless module optional	
RAID Controller, 2GB NV Cache, Adapter, Low Profile	
RAID 5 Software	
Security: TPM 1.2/2.0 optional	

	Counterprophically signed former	<u> </u>		
	Cryptographically signed firmware Secure Boot			
	Operating System: SUSE Linux Enterprise Server 11 SP3			
11	CORE SWITCH	unit	2	
	Interface: Minimum 48 x 10 Gig SFP+, 6 x 40/100 Gig QSFP28	unn	2	
	Switching capacity: Minimum 2.16 Tbit/s			
	Forwarding performance: Minimum 940 Mpps			
	System buffer: Minimum 40MB			
	MAC: Minimum 256K MAC address entries			
	VLAN: Support QinQ			
	Adding access, trunk, and hybrid interfaces to VLANs			
	ARP table size: Minimum 256K			
	IP routing: IPv4 routing protocols, such as RIP, OSPF, IS-IS, and BGP.			
	IPv6 routing protocols, such as RIPng, OSPFv3, IS-ISv6, and BGP4+, IP			
	packet fragmentation and reassembly			
	Network virtualization: VXLAN, BGP-EVPN, QinQ access VXLAN			
	Programmability OPS programming, Ansible-based automatic			
	configuration and open-source module release			
12	MANAGEMENT SWITCH	unit	2	
	Interface Minimum: 48 x 10/100/1000BASE-T ports, 4 x 10 GE SFP+ ports			
	Switching capacity: Minimum 176 Gbit/s			
	Forwarding capacity: Minimum 125 Mpps			
	MAC address table:			
	MAC address learning and aging			
	Minimum 64K MAC entries			
	Static, dynamic, and black hole MAC address entries VLAN features:			
	Minimum 4K VLANs			
	Guest VLAN and voice VLAN			
	MUX VLAN or equivalent			Within
	VLAN assignment based on MAC addresses			Two Hundred
	VLAN mapping			Ten (210)
	VXLAN support for future use			Calendar
	Ethernet loop protection:			Days upon
	RRPP ring topology			issuance
	SEP			of Notice
	ERPS (G.8032)			to Proceed
	STP (IEEE 802.1d), RSTP (IEEE 802.1w), and MSTP (IEEE 802.1s)			
	BPDU protection, root protection, and loop protection			
13	NOC ACCESS SWITCH	unit	1	
	Fixed Port: Support twenty-Four 10/100/1000Base-T ports and four SFP+			
	ports			
	Operating Temperature: -5°C to +45°C			
	Storage Temperature: -40°C to +70°C			
	Relative Humidity: 5% to 90% (non-condensing)			
	Layer 2 Function:			
	\geq 16K MAC address entries			
	Switching capacity \geq 32 Gbps			
	≥ 4K active VLANs IEEE 802.1d			
	Automatic learning and aging of MAC addresses IEEE 802.1w			
	IEEE 802.1s			
	Layer 3 Function:			
	\geq 4K FIBv4 entries			
	\geq 1K FIBv6 entries			
	Static routes			
	RIP V1/2 and RIPng			
	OSPF and OSPFv3			
14	CORE ROUTER	unit	2	
	Slot: 4*WSIC; 4*SIC		-	
	Performance: WAN with service performance (IMIX) \geq 10Gbps.			
	Fixed Interface: 14 * 10GE SFP+(compatible with GE SFP) +10 * GE RJ45			
1	(All WAN ports can be configured as LAN)			
	(All WAN ports can be configured as LAN) Interface Type:			
	(All WAN ports can be configured as LAN)			

Operating Temperature: 0-45 °C LAN Access: Support IEEE 802.1P, 802.1Q standard. Support IEEE 802.10 (STP), 802.1w (RSTP), 802.1s (MSTP) Standard Support static MAC address and dynamic MAC address. Support MAC address limit, LLDP, Transparent bridge. WAN Access: Support PPP, MP, PPPoE C/S Support IPv4 and IPv6 PPP, MLPPP. IP Application: Support NAT, NAT ALG. Support IPv4 and IPv6 PPP, MLPPP. IP Application: Support DNS Client, DNS proxy/relay, DDNS, DNS6 Client, DNS6 Proxy/Relay. Support NQA ICMP/UDP/TCP/SNMP/FTP/HTTP UDP jitter test/DHCP/Trace/DNS test. Support DHCP Client, DHCP relay, DHCP Server, DHCPv6 Client, DHCPv6 relay and DHCPv6 Server. 15 ACCESS ROUTER Performance: Forwarding Performance ≥1Gbps unit 7	
Support IEEE 802.1P, 802.1Q standard. Support IEEE 802.1d (STP), 802.1w (RSTP), 802.1s (MSTP) Standard Support static MAC address and dynamic MAC address. Support MAC address limit, LLDP, Transparent bridge.Image: Comparison of the text of	
Suport IEEE 802.1d (STP), 802.1w (RSTP), 802.1s (MSTP) Standard Support static MAC address and dynamic MAC address. Support MAC address limit, LLDP, Transparent bridge. WAN Access: Support route backup and circular DCC. Support IPv4 and IPv6 PPP, MLPPP. IP Application: Support DNS Client, DNS proxy/relay, DDNS, DNS6 Client, DNS6 Proxy/Relay. Support NQA ICMP/UDP/TCP/SNMP/FTP/HTTP UDP jitter test/DHCP/Trace/DNS test. Support DHCP Client, DHCP relay, DHCP Server, DHCPv6 Client, DHCPv6 relay and DHCPv6 Server. 15 ACCESS ROUTER Performance: Forwarding Performance ≥1Gbps Fixed interfaces: unit	
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Proxy/Relay. Support IPv4 VRRP, VRRP6. Support NQA ICMP/UDP/TCP/SNMP/FTP/HTTP UDP jitter support NQA ICMP/UDP/TCP/SNMP/FTP/HTTP UDP jitter test/DHCP/Trace/DNS test. Support DHCP Client, DHCP relay, DHCP Server, DHCPv6 Client, DHCPv6 relay and DHCPv6 Server. 15 ACCESS ROUTER unit 7 Performance: Forwarding Performance ≥1Gbps Fixed interfaces: 15	
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test/DHCP/Trace/DNS test. Support DHCP Client, DHCP relay, DHCP Server, DHCPv6 Client, DHCPv6 relay and DHCPv6 Server. 15 ACCESS ROUTER Performance: Forwarding Performance ≥1Gbps Fixed interfaces:	
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DHCPv6 relay and DHCPv6 Server. 15 ACCESS ROUTER Performance: Forwarding Performance ≥1Gbps Fixed interfaces:	
15 ACCESS ROUTER unit 7 Performance: Forwarding Performance ≥1Gbps Fixed interfaces: 7	
Performance: Forwarding Performance ≥1Gbps Fixed interfaces:	
Fixed interfaces:	
WAN interfaces: ≥2*GE	
LAN interfaces: ≥8*GE RJ45	
LTE: Support LTE Interface card	
LAN Access:	
Support IEEE 802.1P, 802.1Q standard.	
Support IEEE 802.1d (STP), 802.1w (RSTP), 802.1s (MSTP) standard.	Within
Support static MAC address and dynamic MAC address.	Two
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	en (210) Calendar
	ays upon
	ssuance
Support IPv4 and IPv6 PPP, MLPPP. 0f	f Notice
IP Application:	Proceed
Support NAT, NAT ALG, NAPT	
Support DNS Client, DNS proxy/relay, DDNS, DNS6 Client, DNS6	
Proxy/Relay.	
Support IPv4 VRRP, VRRP6.	
Support NQA ICMP/UDP/TCP/SNMP/FTP/HTTP UDP jitter	
test/DHCP/Trace/DNS test.	
Support DHCP Client, DHCP relay, DHCP Server, DHCPv6 Client,	
DHCPv6 relay and DHCPv6 Server. 16 DISPATCH WORKSTATION set 7	
16 DISPATCH WORKSTATION set 7 CPU: Intel Xeon W-2223 (8.25 MB cache, 4C/8T, 3.6 GHz to 3.90 GHz set 7	
Turbo 120W) Or its equivalent benchmark	
RAM: 16GB	
NIC: Integrated NIC	
Graphic Card: 4GB GDDR6	
Audio Card: Integrated Audio Card	
Storage: M.2 512GB PCIe NVMe Class 40 SSD + 2TB 7200 RPM, 3.5	
inches SATA HDD 256 MB cache	
OS: Windows 10 Pro 64-Bit	
Accessories: USB Keyboard and Mouse, 600VA UPS	
Application: MS Office 2019 perpetual license	
Antivirus: Antivirus - 2 years Subscription	
17 MONITOR unit 14	
Display: 24 inches FHD Monitor	
18LED MONITORunit8LED monitors must have a bezel no more than 0.88mm0.88mm0.88mm	
Must be at least 55 inches diagonal	
Must be at least 55 litches diagonal Must provide required support and accessories for the installation of the	
LED monitors	
Must support resolution of up to 1920 x 1080 pixels	
Must support brightness of at least 500cd/m2	
Must support a viewing angle of 178° horizontal and 178° vertical	

19	Must have HDMI, DVI in and HDMI out interface Must support 24 hours operation INPUT CARD Input board, 4-ch HDMI input, resolution 1920 x 1200 and below	unit	2	Within Two Hundred	
20	OUTPUT CARD Output board, 4-ch HDMI input, resolution 1920 x 1200 and below	unit	3	Ten (210) Calendar	
	Note: DETAILED TECHNICAL SPECIFICATIONS of the items were indicated in the attached Terms of Reference which will form an integral part of this bidding document			Days upon issuance of Notice to Proceed	

I hereby certify to comply and deliver all the above requirements.

Name: _____

Legal Capacity: _____

Signature: _____

Duly authorized to sign the Bid for and behalf of: _____

Schedule of Requirements Page 7 of 7

Notes for Preparing the Technical Specifications

A set of precise and clear specifications is a prerequisite for Bidders to respond realistically and competitively to the requirements of the Procuring Entity without qualifying their Bids. In the context of Competitive Bidding, the specifications (*e.g.* production/delivery schedule, manpower requirements, and after-sales service/parts, descriptions of the lots or items) must be prepared to permit the widest possible competition and, at the same time, present a clear statement of the required standards of workmanship, materials, and performance of the goods and services to be procured. Only if this is done will the objectives of transparency, equity, efficiency, fairness, and economy in procurement be realized, responsiveness of bids be ensured, and the subsequent task of bid evaluation and post-qualification facilitated. The specifications should require that all items, materials and accessories to be included or incorporated in the goods be new, unused, and of the most recent or current models, and that they include or incorporate all recent improvements in design and materials unless otherwise provided in the Contract.

Samples of specifications from previous similar procurements are useful in this respect. The use of metric units is encouraged. Depending on the complexity of the goods and the repetitiveness of the type of procurement, it may be advantageous to standardize the General Technical Specifications and incorporate them in a separate subsection. The General Technical Specifications should cover all classes of workmanship, materials, and equipment commonly involved in manufacturing similar goods. Deletions or addenda should then adapt the General Technical Specifications to the particular procurement.

Care must be taken in drafting specifications to ensure that they are not restrictive. In the specification of standards for equipment, materials, and workmanship, recognized Philippine and international standards should be used as much as possible. Where other particular standards are used, whether national standards or other standards, the specifications should state that equipment, materials, and workmanship that meet other authoritative standards, and which ensure at least a substantially equal quality than the standards mentioned, will also be acceptable. The following clause may be inserted in the Special Conditions of Contract or the Technical Specifications.

Sample Clause: Equivalency of Standards and Codes

Wherever reference is made in the Technical Specifications to specific standards and codes to be met by the goods and materials to be furnished or tested, the provisions of the latest edition or revision of the relevant standards and codes shall apply, unless otherwise expressly stated in the Contract. Where such standards and codes are national or relate to a particular country or region, other authoritative standards that ensure substantial equivalence to the standards and codes specified will be acceptable.

Reference to brand name and catalogue number should be avoided as far as possible; where unavoidable they should always be followed by the words "*or at least equivalent*." References to brand names cannot be used when the funding source is the GOP.

Where appropriate, drawings, including site plans as required, may be furnished by the Procuring Entity with the Bidding Documents. Similarly, the Supplier may be requested to provide drawings or samples either with its Bid or for prior review by the Procuring Entity during contract execution.

Bidders are also required, as part of the technical specifications, to complete their statement of compliance demonstrating how the items comply with the specification.

Technical Specifications

PROJECT NAME: PROCUREMENT OF BODY WORN CAMERA AND OTHERS

PROJECT NO. DPOS-23-OE-0117

Itom	PROJECT NO. DPOS-23-OE-0117				
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.]			
A.	With Minimum Technical Specifications:				
1	BODY WORN CAMERA				
	The device is designed to be worn on the torso. It features video recording and live video streaming capabilities.				
	Supports quick startup within 6s after the device is powered on				
	Support the 1,080P(30FPS), 720P(30FPS) and D1 (640x480 30FPS) for				
	video streaming (online) Support 4K (30FPS) resolution for local video recording (offline)				
	The body worn camera has a dedicated hardware button to mark a				
	video as important when recording is in progress. A visible indicator				
	will be shown on the body worn camera display if the video recording is marked.				
	Support 8 mega pixels, 16 mega pixels for still image snapshots				
	Support H.264/H.265 video coding and encoding				
	At least dual microphones Support auto white balance and Infrared night-vision function				
	Support Camera Flash				
	Support hardware gyroscope and six-axis anti-shake algorithm,				
	providing low video jitter Speaker power at least 1W				
2	DIGITAL EVIDENCE MANAGEMENT SYSTEM SOFTWARE				
	Access and management of recorded video footage uploaded from connected cameras				
	Support the management of 50000 end users and 5 levels				
	System adopts the B/S architecture Support querying all media data based on the department, time type,				
	time range, username/alias, key mark, and media type				
	Support the functions of pause, resume, fast-forward, rewind,				
	playback in full screen, adjusting the volume, playback frame by frame, and screenshot.				
	Support download of the file to a local directory				
	Support unified management of user rights: operation rights and file				
	access scope Support the restriction of unauthorized external devices to connect to				
	the docking station				
	Support users to add, modify, and delete collection stations, and query				
	device information, device name, ID, device IP address, device vendor, device model, central storage, online status, maintenance				
	owner, and device version				
	Support the functions of add, view, modify, and delete file upload				
	services, set service start time segments, and view storage service				

	information, such as the IP address, online status, total capacity, and	
	remaining capacity	
	Support configuring storage service policies (storage duration), the	
	storage period can be set for common files and important files	
	Support the uploading of Body Worn Camera firmware package to the	
	Dock Station for automatic firmware upgrading once the Body Worn	
	Camera is docked	
	Support unified login authentication. Login password and verification	
	function	
	Support integration to external NAS with NFS protocol to expand	
	storage	
3	DISPATCHING PLATFORM	
•	Video Streaming system is deployed in a Client-Server architecture.	
	The video streaming service	
	The system supports the video uploading to command center. The	
	video resolution can support 1080p/720p/D1 video format	
	The Dispatching Console can initiate mobile video surveillance to pull	
	video from Body Worn Camera and User Equipment	
	The Dispatching Software consists of the eMDC (Multimedia	
	Dispatching and Processing Center) to dispatch and manage video	
	services to meet the commanding and dispatching requirements in	
	various complex environment.	
	•	
	The Dispatching Software consists of the eUDC (User and Device Controller) to controlly manage all terminals. All terminals can be	
	Controller) to centrally manage all terminals. All terminals can be	
	remotely configured, and user permission policies are also managed	
	by the eUDC.	
	The eUDC provides functions including user (body worn camera)	
	registration and user service control. Certain functions or services can	
	be disabled for users when required.	
	The eUDC and the eMDC of the Dispatching Software shall be co-	
	deployed on one server.	
	The Dispatching Console consists of the eDC (Dispatching Console),	
	which is a client software that can be installed on a laptop, desktop, or	
	workstation. The Dispatching Console provides man-machine	
	interface for HD video dispatching services. The Dispatching Console	
	can view user information, group information. The Dispatching	
	Console can also provide video surveillance on deployed body worn	
	cameras.	
	The Dispatching Software supports H.265 encoding to reduce	
	bandwidth consumption.	
	Supports concurrent uploading of up to 28 channels of video streams	
	The Dispatching Software shall be able to specify the maximum	
	number of login attempts. If a wrong password is entered for this	
	maximum number of attempts the account will be locked.	
	The Dispatching Software shall be able to specify the duration that the	
	account will be locked. This duration is in minutes.	
	The Dispatching Software shall be able to specify the validity period of	
	an account.	
	Support ONVIF and GB28181 for connecting of fixed camera to the	
	dispatching software for video streaming.	
4	FIREWALL	
	Basic Firewall:	
	The appliance-based security platform should be a stateful NGFW,	
	Next-Generation IPS, malware protection, URL protection, providing	
	firewall, application visibility, and IPS functionality in a single	
	appliance.	
	Hardware Architecture:	
	8xGE COMBO + 4xGE RJ45 + 4xGE SFP + 6x10GE SFP+	
	Single AC power supply; optional dual AC power supplies	
	Performance Requirements:	
	Layer 3 throughput \geq 20Gbps;	
	concurrent connections per second \geq 8,000,000; new connections per second \geq 200,000;	
	second \geq 200,000;	
	IPSec VPN throughput (AES-256,1420 byte) ≥20 Gbps	
	Application controlling and IPS throughput \geq 10Gbps;	
	Routing:	

	Supports static routes, policy-based routing, and routing protocols	
	such as RIP, OSPF, BGP, and IS-IS;	
	Policy-based routing supports the following matching conditions:	
	source IP address, destination IP address, service type, application	
	type, user/user group/security group, inbound interface, and DSCP	
	priority.	
	Intelligent Uplink Selection:	
	Supports service specific PBR and intelligent uplink selection based	
	on multiple load balancing algorithms (for example, based on	
	bandwidth ratio and link health status) in multi-egress scenarios.	
	NAT:	
	Supports full NAT functions and NAT ALG for multiple application-	
	layer protocols, including ILS, DNS, PPTP, SIP, FTP, ICQ, RTSP,	
	MSN, and MMS.	
	Supports Source NAT automatic detection and exclusion of invalid	
	addresses in NAT address pools.	
	Firewall should support NAT444, NAT66 (IPv6-to-IPv6), Nat46	
	(IPv4-to-IPv6) and DS-Lite NAT	
5	VIDEO WALL MOUNTING SYSTEM WITH RAILS	
	Tilt adjustment: 2.5° to 4°	
	Orientation: landscape	
	Weight capacity: 150lbs./68.2 kg.	
6	VIDEO WALL CONTROLLER	
	Modular frame with minimum 11-card slots	
	Must have a minimum of 8-channel HDMI inputs and support	
	resolution up to 1,920 x 1,200	
	Must have a minimum 12-channel HDMI outputs and support	
	resolution up to 1,920 x 1,200	
	Must support 1/4/9/16 image division of a single output interface, and	
	the full screen switching of sub windows	
	Must support displaying dynamic images on multiple display	
	terminals at the same time	
	Must have built-in matrix	
	Must support 4K@60 Hz input, transmission and output	
	Must have two (2) 10/100/1,000M self-adaptive Ethernet interface	
	Must have at least one (1) 10G optical interface	
7	Must support decoding standard stream such as H.264/H.265	
7	DOCKING STATION	
	The Docking Station will allow the safe download of all recorded	
	footage and transfer to the evidence management system	
	Support 4K H.265 HD video playback	
	Support 18.5 inches touch screen	
	Supports Windows 10 Operating System	
	Supports 12 independent slots for up to 12 BWC to charge and sync	
	data simultaneously	
	System disk SSD 64GB. With at least 4TB HDD for data and up to	
	40TB expansion space	
	Support 110VAC to 240VAC	
	The device works properly within the range of 85% to 110% of rated	
	power voltage	
	Automatically detects and identifies, and automatically copies the	
	audio, video, pictures, and log materials from the BWC	
	Support resuming from breakpoint between the docking station and	
	the Digital Evidence Management System (DEMS).	
	After data upload is complete, automatically clean the internal storage	
	of the BWC.	
	Automatic time synchronization with the connected body worn	
	cameras is supported.	
	Support charging of the connected BWC.	
	Allows authorized users to view, playback, mark and delete imported	
	data.	
	Support file search based on the combination of username, time.	
	The collected data can be stored locally or uploaded to a centralized	
	management server for storage and archiving.	
	The storage duration can be configured. Data that exceeds the storage	
	period can be automatically deleted. When the local storage space of	

	the collection site is lower than the threshold, an alarm will be	
	automatically sounded as indication.	
	User rights can be managed, including viewing, exporting, and	
	deleting user rights.	
	The Dock station can identify the connected devices automatically;	
	unauthorized devices will not be able to connect to the dock station.	
	Collected data is protected to prevent unauthorized processes from	
	reading, modifying, and deleting collected video data and audio data.	
	Three (3) years warranty and maintenance.	
8	DIGITAL EVIDENCE MANAGEMENT SYSTEM SERVER	
	Evidence Management Servers with minimum server specification;	
	The evidence management server allows administrators to manage all	
	recorded video and create incidents and exports videos.	
	<u>≜</u>	
	Videos are watermarked to prevent unauthorized editing.	
	CPU: 2 x Intel Xeon Silver 4210R 2.4G, 10C/20T, 9.6GT/s, 13.75M	
	Cache, Turbo, HT (100W) DDR4-2400 or its equivalent benchmark	
	processor;	
	Memory: 4 x 16GB RDIMM, 3200MT/s, Dual Rank	
	System Disk: 2 x 600GB	
	Data Disk: 14 x 4TB	
	Network Port : 1 x Intel Ethernet I350 Dual Port 1GbE BASE-T	
	Adapter, PCIe Full Height	
	1 x Intel X520 Dual Port 10GbE SFP+ & i350 Dual Port 1GbE BASE-T,	
	rNDC	
	Ports:	
	Front ports: VGA, 2 x USB 2.0, dedicated IDRAC Direct Micro-USB	
	Rear ports: VGA, Serial, 2 x USB 3.0, dedicated network port	
	Video card: VGA	
	Raid Controller: 2GB NV Cache, Mini card	
	Fan: 6 Hot Plug Standard Fans	
	Power Module: Dual, Hot-plug, Redundant Power Supply (1+1),	
	750W	
	System management:	
	IPMI 2.0 compliant iDRAC9 with Lifecycle Controller (Express,	
	Enterprise), Quick Sync 2 wireless module optional	
	RAID Controller, 2GB NV Cache, Adapter, Low Profile	
	RAID 5 Software	
	Security:	
	TPM 1.2/2.0 optional	
	Cryptographically signed firmware	
	Secure Boot	
	Operating System: SUSE Linux Enterprise Server 12 SP4	
9	NAS STORAGE	
, í	System Architecture : The storage system uses a symmetric active-	
	active architecture. LUNs do not belong to any controller. Service	
	loads of a single LUN are balanced among all controllers. Minimum	
	of 2 controllers per controller enclosure.	
	System should also offer convergence in SAN and NAS.	
	CPU: at least 1 x 48 cores CPU with 2.6 GHz frequency per controller	
	Cache: The total cache capacity in the system is at least 384GB	
	Front-end network :	
	Should be able to support 10GE, 25GE, 40GE, InfiniBand and 1GE	
	• •	
	should have at least 8 x 10Gb Eth SFP ports.	
Î.		
1	Usable Capacity: The total usable capacity should be at least 300TiB	
	using RAID 6	
	using RAID 6 Disk Configuration:	
	using RAID 6	
	using RAID 6 Disk Configuration:	
	using RAID 6 Disk Configuration: SAS SSD: 6 x 3.84TB Hard Disk: 41 x 10TB NL SAS	
	using RAID 6 Disk Configuration: SAS SSD: 6 x 3.84TB Hard Disk: 41 x 10TB NL SAS Supported Data Protection Level RAID 5, RAID 6, RAID TP	
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	Memory: 2 x 64GB RDIMM, 3200MT/s, Dual Rank	
	Storage: 5 x 1.2TB 10K RPM SAS 12Gbps 512n 2.5in Hot-plug Hard	
	Drive	
	Network port: 1 x Intel Ethernet I350 Dual Port 1GbE BASE-T	
	Adapter, PCIe Full Height	
	1 0	
	1 x Intel X520 Dual Port 10GbE SFP+ & i350 Dual Port 1GbE BASE-T,	
	rNDC	
	Port:	
	Front ports: VGA, 2 x USB 2.0, dedicated IDRAC Direct Micro-USB	
	Rear ports: VGA, Serial, 2 x USB 3.0, dedicated IDRAC network port	
	Video card: VGA	
	Fan: 6 Hot Plug Standard Fans	
	Power Module: Dual, Hot-plug, Redundant Power Supply (1+1),	
	750W	
	System management:	
	IPMI 2.0 compliant iDRAC9 with Lifecycle Controller (Express,	
	Enterprise) Quick Sync 2 wireless module optional	
	RAID Controller, 2GB NV Cache, Adapter, Low Profile	
	RAID 5 Software	
	Security: TPM 1.2/2.0 optional	
	5 1	
	Cryptographically signed firmware	
	Secure Boot	
	Operating System: SUSE Linux Enterprise Server 11 SP3	
11	CORE SWITCH	
	Interface: Minimum 48 x 10 Gig SFP+, 6 x 40/100 Gig QSFP28	
	Switching capacity: Minimum 2.16 Tbit/s	
	Forwarding performance: Minimum 940 Mpps	
	System buffer: Minimum 40MB	
	MAC: Minimum 256K MAC address entries	
	VLAN: Support QinQ	
	Adding access, trunk, and hybrid interfaces to VLANs	
	ARP table size: Minimum 256K	
	IP routing: IPv4 routing protocols, such as RIP, OSPF, IS-IS, and BGP.	
	IPv6 routing protocols, such as RIPng, OSPFv3, IS-ISv6, and BGP4+,	
	IP packet fragmentation and reassembly	
	Network virtualization: VXLAN, BGP-EVPN, QinQ access VXLAN	
	Programmability OPS programming, Ansible-based automatic	
	configuration and open-source module release	
12	MANAGEMENT SWITCH	
	Interface Minimum: 48 x 10/100/1000BASE-T ports, 4 x 10 GE SFP+	
	ports	
	Switching capacity: Minimum 176 Gbit/s	
	Forwarding capacity: Minimum 125 Mpps	
	MAC address table:	
	MAC address learning and aging	
	Minimum 64K MAC entries	
	Static, dynamic, and black hole MAC address entries	
	VLAN features:	
	Minimum 4K VLANs	
	Guest VLAN and voice VLAN	
	MUX VLAN or equivalent	
	VLAN assignment based on MAC addresses	
	VLAN mapping	
	VXLAN support for future use	
	**	
	Ethernet loop protection:	
	RRPP ring topology	
	SEP	
	ERPS (G.8032)	
	STP (IEEE 802.1d), RSTP (IEEE 802.1w), and MSTP (IEEE 802.1s)	
	BPDU protection, root protection, and loop protection	
13	NOC ACCESS SWITCH	
. •	Fixed Port: Support twenty-Four 10/100/1000Base-T ports and four	
	SFP+ ports	
	•	
	Operating Temperature: -5°C to +45°C	
	Storage Temperature: -40°C to +70°C	
	Relative Humidity: 5% to 90% (non-condensing)	
	Layer 2 Function:	

	≥ 16K MAC address entries	
	Switching capacity \geq 32 Gbps	
	≥4K active VLANs	
	IEEE 802.1d	
	Automatic learning and aging of MAC addresses	
	IEEE 802.1w	
	IEEE 802.1s	
	Layer 3 Function:	
	≥ 4K FIBv4 entries	
	≥ 1K FIBv6 entries	
	Static routes	
	RIP V1/2 and RIPng	
	OSPF and OSPFv3	
14	CORE ROUTER	
	Slot: 4*WSIC; 4*SIC	
	Performance: WAN with service performance (IMIX) \geq 10Gbps.	
	Fixed Interface: 14 * 10GE SFP+(compatible with GE SFP) +10 * GE	
	RJ45 (All WAN ports can be configured as LAN)	
	Interface Type:	
	WAN interface: Support FE, GE, 10GE	
	Support 5G and LTE Interface card	
	Operating Temperature: 0-45 °C	
	LAN Access:	
	Support IEEE 802.1P, 802.1Q standard.	
	Support IEEE 802.1d (STP), 802.1w (RSTP), 802.1s (MSTP)	
	Standard	
	Support static MAC address and dynamic MAC address.	
	Support MAC address limit, LLDP, Transparent bridge.	
	WAN Access:	
	Support PPP, MP, PPPoE C/S	
	Support route backup and circular DCC.	
	Support IPv4 and IPv6 PPP, MLPPP.	
	IP Application:	
	Support NAT, NAT ALG.	
	Support DNS Client, DNS proxy/relay, DDNS, DNS6 Client,	
	DNS6	
	Proxy/Relay.	
	Support IPv4 VRRP, VRRP6.	
	Support NQA ICMP/UDP/TCP/SNMP/FTP/HTTP UDP jitter	
	test/DHCP/Trace/DNS test.	
	Support DHCP Client, DHCP relay, DHCP Server, DHCPv6	
	Client,	
	DHCPv6 relay and DHCPv6 Server.	
15	ACCESS ROUTER	
	Performance: Forwarding Performance ≥1Gbps	
	Fixed interfaces:	
	WAN interfaces: ≥2*GE	
	LAN interfaces: ≥8*GE RJ45	
	LTE: Support LTE Interface card	
	LAN Access:	
	Support IEEE 802.1P, 802.1Q standard.	
	Support IEEE 802.1d (STP), 802.1w (RSTP), 802.1s (MSTP)	
	standard.	
	Support static MAC address and dynamic MAC address.	
	Support MAC address limit, LLDP, Transparent bridge.	
	Number of VLANs >= 128.Number of MACs >=2048	
	WAN Access:	
	Support PPP, MP, PPPoE C/S,	
	Support route backup and circular DCC.	
	Support IPv4 and IPv6 PPP, MLPPP.	
	IP Application:	
	Support NAT, NAT ALG, NAPT	
	Support DNS Client, DNS proxy/relay, DDNS, DNS6 Client,	
	DNS6	
	Proxy/Relay.	
	Support IPv4 VRRP, VRRP6.	
	Support NQA ICMP/UDP/TCP/SNMP/FTP/HTTP UDP jitter	
L		

	test/DHCP/Trace/DNS test.	
	Support DHCP Client, DHCP relay, DHCP Server, DHCPv6	
	Client,	
	DHCPv6 relay and DHCPv6 Server.	
16	DISPATCH WORKSTATION	
10		
	CPU: Intel Xeon W-2223 (8.25 MB cache, 4C/8T, 3.6 GHz to 3.90 GHz	
	Turbo 120W) Or its equivalent benchmark RAM: 16GB	
	NIC: Integrated NIC	
	Graphic Card: 4GB GDDR6	
	Audio Card: Integrated Audio Card	
	Storage: M.2 512GB PCIe NVMe Class 40 SSD + 2TB 7200 RPM, 3.5	
	inches SATA HDD 256 MB cache	
	OS: Windows 10 Pro 64-Bit	
	Accessories: USB Keyboard and Mouse, 600VA UPS	
	Application: MS Office 2019 perpetual license	
	Antivirus: Antivirus - 2 years Subscription	
17	MONITOR	
17	Display: 24 inches FHD Monitor	
18	LED MONITOR	
10	LED monitors must have a bezel no more than 0.88mm	
	Must be at least 55 inches diagonal	
	Must provide required support and accessories for the installation of	
	the LED monitors	
	Must support resolution of up to 1920 x 1080 pixels	
	Must support brightness of at least 500cd/m2	
	Must support a viewing angle of 178° horizontal and 178° vertical	
	Must have HDMI, DVI in and HDMI out interface	
	Must support 24 hours operation	
19	INPUT CARD	
	Input board, 4-ch HDMI input, resolution 1920 x 1200 and below	
20	OUTPUT CARD	
	Output board, 4-ch HDMI input, resolution 1920 x 1200 and below	
	Note: DETAILED TECHNICAL SPECIFICATIONS of the	
	items were indicated in the attached Terms of Reference	
	which will form an integral part of this bidding document	
В.	Compliance to the Schedule of Requirements	
-	(Section VI)	
<u> </u>		

I hereby certify to comply and deliver all the above requirements.

Name: _____

Legal Capacity: _____

Signature: _____

Duly authorized to sign the Bid for and behalf of:

Technical Specifications Page 7 of 7

Cost Derivation

PROJECT NAME: PROCUREMENT OF BODY WORN CAMERA AND OTHERS PROJECT NO. DPOS-23-OE-0117

ITEM NO.	PARTICULAR	UNIT OF ISSUE	QUANTITY	UNIT COST	TOTAL
1	BODY WORN CAMERA	set	276		
2	DIGITAL EVIDENCE MANAGEMENT SYSTEM SOFTWARE	lot	1		
3	DISPATCHING PLATFORM	unit	1		
4	FIREWALL	unit	2		
5	VIDEOWALL MOUNTNG SYSTEM WITH RAILS	unit	8		
6	VIDEOWALL CONTROLLER	unit	1		
7	DOCKING STATION	set	23		
8	DIGITAL EVIDENCE MANAGEMENT SYSTEM SERVER	set	1		
9	NAS STORAGE	set	1		
10	DISPATCHING SERVER	set	1		
11	CORE SWITCH	unit	2		
12	MANAGEMENT SWITCH	unit	2		
13	NOC ACCESS SWITCH	unit	1		
14	CORE ROUTER	unit	2		
15	ACCESS ROUTER	unit	7		
16	DISPATCH WORKSTATION	set	7		
17	MONITOR	unit	14		
18	LED MONITOR	unit	8		
19	INPUT CARD	unit	2		
20	OUTPUT CARD	unit	3		
		•	TOTAL BII	D AMOUNT	

I hereby certify to comply and deliver all the above requirements.

Name: _____

Legal Capacity: _____

Signature: _____

Duly authorized to sign the Bid for and behalf of:

Cost Derivation Page 1 of 1

Section VIII. Checklist of Technical and Financial Documents

Notes on the Checklist of Technical and Financial Documents

The prescribed documents in the checklist are mandatory to be submitted in the Bid, but shall be subject to the following:

- a. GPPB Resolution No. 09-2020 on the efficient procurement measures during a State of Calamity or other similar issuances that shall allow the use of alternate documents in lieu of the mandated requirements; or
- b. Any subsequent GPPB issuances adjusting the documentary requirements after the effectivity of the adoption of the PBDs.

The BAC shall be checking the submitted documents of each Bidder against this checklist to ascertain if they are all present, using a non-discretionary "pass/fail" criterion pursuant to Section 30 of the 2016 revised IRR of RA No. 9184.

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 (in a FORM prescribed by the QC-BAC-GOODS AND SERVICES); 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 (in a FORM prescribed by the QC-BAC-GOODS AND SERVICES); and
- (d) Original copy of Bid Security. If in the form of a Surety Bond, submit also a certification issued by the Insurance Commission; <u>or</u>
 Original copy of Notarized Bid Securing Declaration; <u>and</u>
- (e) Conformity with Section VI. (Schedule of Requirements) and Section VII. (Technical Specifications), which may include production/delivery schedule, manpower requirements, and/or after-sales/parts, if applicable; and
- (f) 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

 □ (g) The prospective bidder's computation of Net Financial Contracting Capacity (NFCC) (in a FORM prescribed by the QC-BAC-GOODS AND SERVICES);

<u>or</u>

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

Class "B" Documents

 \Box (h) If applicable, a duly signed joint venture agreement (JVA) in case the joint venture is already in existence;

<u>or</u>

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.

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

- (i) [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.
- ☐ (j) Certification from the DTI if the Bidder claims preference as a Domestic Bidder or Domestic Entity.

II. FINANCIAL COMPONENT ENVELOPE

- \Box (a) Original of duly signed and accomplished Financial Bid Form;
- \Box (b) Original of duly signed and accomplished Price Schedule(s); <u>and</u>
- \Box (c) Cost Derivation.

III. REQUIRED DOCUMENTS in BDS SECTION 20.2 and 21.2

- Manufacturer Certificate for Body Worn Camera System, Network and Storage as an authorized Partner.
- Service Level Certificate indicating the coverage of the warranty of the products and the nature of services.
- Functional design of the system to be provided.
- List of model numbers, specifications and source of origin of all the items to be bid.
- Statement of warranty
 - For item nos. 1, 4, 7, 9, 11 and 14 Minimum of Three (3) years warranty and maintenance - For other equipment – minimum of One (1) year
- Organizational chart for the project
- List of manpower
- Affidavit of undertaking stating compliance to the following:
 - must have a minimum of Ten (10) year experience in supplying, commissioning, and servicing systems related to the project.
 - must have completed at least 1 significant Body Worn Camera project in supplying, commissioning, and servicing systems related to the project in the last 3 years.
 - Must have the capacity to support replacement of parts and provide reliable service during the warranty period.
 - must have at least one (1) Project Manager with a Minimum of Three (3) years of project Management, Coordination, and Implementation.

Note:

1. Please refer to

[https://drive.google.com/file/d/1uiYurh5WrpBL5B_pqpzAb62yucAblR1p/view?usp=sh aring] for the following requirements:

- a. Computation of NFCC;
- b. List of All Ongoing Contracts/List of Contracts already awarded but not yet started;
- c. Statement of Single Largest Completed Contract
- 2. Please refer to GPPB Resolution No. 16-2020 for the following requirements:
 - a. Bid Form;
 - b. Price Schedule (for Goods Offered from Abroad/ Within the Philippines)
 - c. Bid Securing Declaration; and
 - d. Omnibus Sworn Statement

