



Office of the President of the Philippines
PRESIDENTIAL COMMUNICATIONS OFFICE
Manila

BIDS AND AWARDS COMMITTEE

BIDDING DOCUMENTS

For the

Supply, Delivery, Integration, Installation, Training, Testing and Commissioning of High-Definition Multipurpose Studio Audio and Video Equipment Systems and IP-Based Technical Production Communications System for the Visayas Media Hub Project

(Procurement/Contract No. 2023-PCO-072)

Sixth Edition

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.



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Section I. Invitation to Bid

FOR THE

Supply, Delivery, Integration, Installation, Training, Testing and Commissioning of High-Definition Multipurpose Studio Audio and Video Equipment Systems and IP-Based Technical Production Communications System for the Visayas Media Hub Project (Procurement/Contract No. 2023-PCO-072)

1. The Presidential Communications Office (PCO), through the General Appropriations Act of 2023 intends to apply the sum of **One Hundred Twenty Million Nine Hundred Eighty Thousand Four Hundred Seventy-Four Pesos (PHP 120,980,474.00)** being the ABC to payments under the contract for the project: **Supply, Delivery, Integration, Installation, Training, Testing and Commissioning of High-Definition Multipurpose Studio Audio and Video Equipment Systems and IP-Based Technical Production Communications System for the Visayas Media Hub Project (Procurement/Contract No. 2023-PCO-072)**.

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

2. The PCO now invites bids for the above procurement project. Supply and Delivery of the Goods shall be in accordance with Section VI. Schedule of Requirements, and Section VII. Bidders should have completed, **within five [5] years** from the date of submission and receipt of bids, a contract similar to the Project. The description of an eligible bidder is contained in the Bidding Documents, particularly, in Section II (Instructions to Bidders).
3. Bidding will be conducted through open competitive bidding procedures using a non-discretionary "*pass/fail*" criterion as specified in the 2016 revised Implementing Rules and Regulations (IRR) of Republic Act (RA) No. 9184.

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

4. Prospective Bidders may obtain further information from PCO BAC Secretariat and through the e-mail address given below and inspect the Bidding Documents posted at the PCO website.
5. A complete set of Bidding Documents, in digital copy, may be acquired by interested Bidders starting **30 September 2023** from the PCO website given below and upon payment of the applicable fee for the Bidding Documents, pursuant to the latest Guidelines issued by the GPPB, in the amount of **Fifty Thousand Pesos (PHP 50,000.00)**.

The Procuring Entity shall allow the bidder to present its proof of payment for the fees by sending a clear scanned copy of the Official Receipt **on or before the deadline of submission of bids** to the PCO BAC Secretariat e-mail given below.

6. The PCO will hold a Pre-Bid Conference on **10 October 2023** at **11:00AM** on the 7th Floor, Times Plaza Building, Ermita, Manila. Pre-registration shall be required for all interested suppliers to access. Those interested bidders must provide complete information in the Google Forms which may be accessed via this link: <https://forms.gle/gK8SYhuZKUiJ2SvL6>.

Maximum of Two (2) authorized representatives will be allowed to join the Pre-bid conference per company.

Prospective bidders are encouraged to discuss any concerns or clarifications about the eligibility requirements including the technical specifications in the said conference.

7. Bids must be duly received and acknowledged by the BAC Secretariat through manual submission **on or before 26 October 2023** at **8:00AM**. Late bids shall not be accepted.
8. All Bids must be accompanied by a bid security in any of the acceptable forms and in the amount stated in **ITB** Clause 14.
9. Bid opening shall be on **26 October 2023** at **10:00AM** at the given address below. Bids will be opened in the presence of the bidders' representatives who choose to attend the activity.
10. Prospective bidders are requested to organize and submit their Bids manually and suppliers are hereby reminded, as follows:

To facilitate the evaluation of documents, the bidder is encouraged to include a table of contents per envelope, corresponding page numbers, and title pages before the actual document. For reference, the sample bidding documents may be downloaded via these links: [Technical Component Envelope \(1st Envelope\)](#); [Financial Component Envelope \(2nd Envelope\)](#).

In case the bidder fails to submit any or all of the documentary requirements in a password-protected PDF files, the bid/quotation will automatically be disqualified and shall be declared as “FAILED” and the supplier will no longer be allowed to participate further in the procurement activities scheduled for this Project.

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

MARY WILLEN DJ. RENOMERON

Head, Bids and Awards Committee Secretariat
Office of the Bids and Awards Committee Secretariat
7th Floor, Times Plaza
United Nations Ave., Ermita,
City of Manila
Phone No.: (02) 8734-5968
E-mail Address: bac1@pco.gov.ph
Website: pco.gov.ph

13. You may visit the following websites:

For downloading of Bidding Documents:

<https://pco.gov.ph/procurement/>
<https://www.philgeps.gov.ph/>

For online bid submission:

bac1@pco.gov.ph

Issued on **29 September 2023**

(Original signed)

ASEC. EUGENE HENRY C. RODRIGUEZ

Chairperson

Bids and Awards Committee

Section II. Instructions to Bidders

1. Scope of Bid

The Procuring Entity, Presidential Communications Office, wishes to receive Bids for the **Supply, Delivery, Integration, Installation, Training, Testing and Commissioning of High Definition Multipurpose Studio Audio and Video Equipment Systems and IP-Based Technical Production Communications System for the Visayas Media Hub Project** with Identification numbers: **Procurement/Contract No. 2023-PCO-072**.

2. Funding Information

2.1. The GOP through the source of funding as indicated below for 2023 in the amount of **One Hundred Twenty Million Nine Hundred Eighty Thousand Four Hundred Seventy-Four Pesos (PHP 120,980,474,.00)**.

2.2. The source of funding is the **2023 General Appropriations Act**.

3. Bidding Requirements

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

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

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

4. Corrupt, Fraudulent, Collusive, and Coercive Practices

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

5. Eligible Bidders

- 5.1. Only Bids of Bidders found to be legally, technically, and financially capable will be evaluated.
- 5.2. Foreign ownership 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. The Bidder must have completed a single contract that is similar to this Project, equivalent to at least fifty percent (50%) of the ABC per lot.
- 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 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 through Zoom video conferencing as indicated in paragraph 6 of the **IB**.

9. Clarification and Amendment of Bidding Documents

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

10. Documents comprising the Bid: Eligibility and Technical Components

- 10.1. The first envelope shall contain the eligibility and technical documents of the Bid as specified in **Section VIII (Checklist of Technical and Financial Documents)**.
- 10.2. The Bidder's SLCC as indicated in **ITB** Clause 5.3 should have been completed within **five [5] years** prior to the deadline for the submission and receipt of bids.
- 10.3. If the eligibility requirements or statements, the bids, and all other documents for submission to the BAC are in foreign language other than English, it must be accompanied by a translation in English, which shall be authenticated by the appropriate Philippine foreign service establishment, post, or the equivalent office having jurisdiction over the foreign bidder's affairs in the Philippines. Similar to the required authentication above, for Contracting Parties to the Apostille Convention, only the translated documents shall be authenticated through an apostille pursuant to GPPB Resolution No. 13-2019 dated 23 May 2019. The English translation shall govern, for purposes of interpretation of the bid.

11. Documents comprising the Bid: Financial Component

- 11.1. The second bid envelope shall contain the financial documents for the Bid as specified in **Section VIII (Checklist of Technical and Financial Documents)**.
- 11.2. If the Bidder claims preference as a Domestic Bidder or Domestic Entity, a certification issued by DTI shall be provided by the Bidder in accordance with Section 43.1.3 of the 2016 revised IRR of RA No. 9184.
- 11.3. Any bid exceeding the ABCs indicated in paragraph 1 of the **IB** shall not be accepted.

12. Bid Prices

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

13. Bid and Payment Currencies

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

14. Bid Security

- 14.1. The Bidder shall submit a Bid Securing Declaration¹ or any form of Bid Security in the amount indicated in the **BDS**, which shall be not less than the percentage of the ABC in accordance with the schedule in the **BDS**.
- 14.2. The Bid and bid security shall be valid until **16 February 2024**. Any Bid not accompanied by an acceptable bid security shall be rejected by the Procuring Entity as non-responsive.

15. Sealing and Marking of Bids

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

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

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

16. Deadline for Submission of Bids

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

17. Opening and Preliminary Examination of Bids

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

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

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

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.

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 which 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

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

21. Signing of the Contract

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

Section III. Bid Data Sheet

ITB Clause	
5.3	<p>For this purpose, contracts similar to the Project shall be: any contract similar to any <i>Supply, Delivery, Integration, Installation, Training, Testing and Commissioning of High Definition Multipurpose Studio Audio and Video Equipment Systems and IP-Based Technical Production Communications System for the Visayas Media Hub Project.</i></p> <p>Those contracts which involve goods and services of the same nature and complexity as the subject matter of the project being procured (<i>GPPB Non-Policy Matter No. 159-2017</i>); and</p> <p>Completed within five [5] years prior to the deadline for the submission and receipt of bids.</p>
7.1	Subcontracting is not allowed.
12	No further instruction.
14.1	<p>The bid security shall be in the form of a Bid Securing Declaration, or any of the following forms and amounts:</p> <p style="padding-left: 40px;">a. The amount of not less than Two Million Four Hundred Nineteen Thousand Six Hundred Nine Pesos and 48/100, if bid security is in cash, cashier's/manager's check, bank draft/guarantee or irrevocable letter of credit;</p> <p style="text-align: center;">or</p> <p style="padding-left: 40px;">b. The amount of not less than Six Million One Hundred Forty-Nine Thousand Twenty-Three Pesos and 7/100, if bid security is in Surety Bond.</p>
19.3	<p>The proposed Approved Budget for the Contract of the project: Supply, Delivery, Integration, Installation, Training, Testing and Commissioning of High-Definition Multipurpose Studio Audio and Video Equipment Systems and IP-Based Technical Production Communications System for the Visayas Media Hub Project is One Hundred Twenty Million Nine Hundred Eighty Thousand Four Hundred Seventy-Four Pesos (PHP 120, 980,474.00)</p>

20.2	<p>Within a non-extendible period of five (5) calendar days from receipt by the Bidder of the notice from the BAC that it submitted the Lowest Calculated Bid, the bidder shall submit the following:</p> <ul style="list-style-type: none"> a. two (2) original/physical copies of the technical and legal documents, and financial documents submitted and subjected to preliminary examination during bid opening; b. latest income and business tax returns filed and paid through the BIR Electronic Filing and Payment System (eFPS); and c. other appropriate licenses and permits required by law and stated in the Bidding Documents and Supplemental/Bid Bulletin.
21.2	No further instruction.

Section IV. General Conditions of Contract

1. Scope of Contract

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

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

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

2. Advance Payment and Terms of Payment

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

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

3. Performance Security

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

4. Inspection and Tests

The Procuring Entity or its representative shall have the right to inspect and/or to test the Goods to confirm their conformity to the Project specifications at no extra cost to the Procuring Entity in accordance with the Generic Procurement Manual. In addition to tests in the **SCC, Section IV (Technical Specifications)** shall specify what inspections and/or tests the Procuring Entity requires, and

where they are to be conducted. The Procuring Entity shall notify the Supplier in writing, in a timely manner, of the identity of any representatives retained for these purposes.

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

5. Warranty

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

6. Liability of the Supplier

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

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

Section V. Special Conditions of Contract

GCC Clause	
1	Delivery and Documents –
	For purposes of the Contract, “EXW,” “FOB,” “FCA,” “CIF,” “CIP,” “DDP” and other trade terms used to describe the obligations of the parties shall have the meanings assigned to them by the current edition of INCOTERMS published by the International Chamber of Commerce, Paris. The Delivery terms of this Contract shall be as follows:
	The delivery terms applicable to this Contract are delivered at the Presidential Communications Main Office located at 7 th floor Times Plaza Building, Taft Avenue Corner United Nations Avenue, Ermita, Manila. Risk and title will pass from the Supplier to the PCO upon receipt and final acceptance of the Goods at their final destination.
	Supply and 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: Ms. Ana Katrina De La Cruz Executive Assistant II, Office of the Undersecretary for Content Production 2U Kimimori Bldg, Malacañang Compound, San Miguel, Manila Telephone No. 8734-5966 loc 106
	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:

	<p>The Contract price for the Goods shall include the prices charged by the Supplier for incidental services and shall not exceed the prevailing rates charged to other parties by the Supplier for similar services.</p>
	<p>Packaging –</p> <p>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.</p>
	<p>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.</p> <p>The outer packaging must be clearly marked on at least four (4) sides as follows:</p> <ul style="list-style-type: none"> Name of the Procuring Entity Name of the Supplier Contract Description Final Destination Any special lifting instructions Any relevant HAZCHEM classifications
	<p>A packaging list identifying the contents and quantities of the package is to be placed on an accessible point of the outer packaging if practical. If not practical the packaging list is to be placed inside the outer packaging but outside the secondary packaging.</p>
	<p>Transportation –</p>
	<p>Where the Supplier is required under Contract to deliver the Goods CIF, CIP, or DDP, transport of the Goods to the port of destination or such other named place of destination in the Philippines, as shall be specified in this Contract, shall be arranged and paid for by the Supplier, and the cost thereof shall be included in the Contract Price.</p>

	<p>Where the Supplier is required under this Contract to transport the Goods to a specified place of destination within the Philippines, defined as the Project Site, transport to such place of destination in the Philippines, including insurance and storage, as shall be specified in this Contract, shall be arranged by the Supplier, and related costs shall be included in the contract price.</p>
	<p>Where the Supplier is required under Contract to deliver the Goods CIF, CIP or DDP, Goods are to be transported on carriers of Philippine registry. In the event that no carrier of Philippine registry is available, Goods may be shipped by a carrier which is not of Philippine registry provided that the Supplier obtains and presents to the Procuring Entity certification to this effect from the nearest Philippine consulate to the port of dispatch. In the event that carriers of Philippine registry are available but their schedule delays the Supplier in its performance of this Contract the period from when the Goods were first ready for shipment and the actual date of shipment the period of delay will be considered force majeure.</p>
	<p>The Procuring Entity accepts no liability for the damage of Goods during transit other than those prescribed by INCOTERMS for DDP deliveries. In the case of Goods supplied from within the Philippines or supplied by domestic Suppliers risk and title will not be deemed to have passed to the Procuring Entity until their receipt and final acceptance at the final destination.</p>
2.2	No further instruction.
4	The inspection/tests of the goods shall be done as required under Section VII. Technical Specifications.

Section VI. Schedule of Requirements

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

Lot No.	Description	Delivery Schedule
1	Supply, Delivery, Integration, Installation, Training, Testing and Commissioning of High-Definition Multipurpose Studio Audio and Video Equipment Systems and IP-Based Technical Production Communications System for the Visayas Media Hub Project	Completely delivered within Ninety (90) Calendar days from receipt of Notice to Proceed

Conforme:

Full Name and Signature of :
Bidder/Authorized Rep.

Designation :

Name of Company :

Section VII. Technical Specifications

Bidders must state “**Comply**” in the column “**Statement of Compliance**” against each of the individual parameters of each “Specifications”.

SUPPLY, DELIVERY, INTEGRATION, INSTALLATION, TRAINING, TESTING AND COMMISSIONING OF HIGH-DEFINITION MULTIPURPOSE STUDIO AUDIO AND VIDEO EQUIPMENT, SYSTEMS AND IP-BASED TECHNICAL PRODUCTION COMMUNICATIONS SYSTEM FOR THE VISAYAS MEDIA HUB PROJECT (PROCUREMENT/CONTRACT NO. 2023-PCO-072)				
Item No.	Item Description <i><u>Bidders shall comply with the following minimum Technical Specifications:</u></i>	QTY	Brand Offered	Statement of Compliance
1.0	<p>Switcher processor with 32 inputs, 24 Outputs with each input having a format converter and frame synchronizer paired with a 2 M/E Control panel 3G-capable, 4K-ready, IP-ready Switcher in an affordable pack 12G-SDI based live switcher 2M/E 20XPT Compact Panel, 4 Keyers per M/E 32 Inputs, each has Format Converter and Frame Synchronizer 24 Outputs, 20ch Frame Memory, 2ch Multi Viewer Tally, GPIO, Device Control, 20 channels of frame memory Format converter (FC) and frame synchronizer (FS) functions are provided for every input, 2-Channel Multi-Viewer supports 4K (UHD) with purchase of optional software and a video-over-IP interface with optional hardware</p> <p><i>or its equivalent or better</i></p>	2		
2.0	<p>4 M/E Ultra HD live production switcher Supports 12G-SDI at 10-Bit, 40 x 12G-SDI Inputs 24 x 12G-SDI Outputs, Webcam Output via USB-C Frame Rate/Format Converter per Input, 156-Channel Audio Mixer, 16 x Upstream, 4 x 4 DVEs, 16 Advanced Chroma Keyers, 4 media players, 4 independent Ultra HD multiviews, 2 SuperSource processors, built in talkback Downstream Keyer, Chroma/Luma Keyers Color/Pattern Generators</p> <p><i>or its equivalent or better</i></p>	2		

3.0	<p>Control interface for the separately available Switcher 2 x M/E Rows, 30 x Input Buttons Each, 3 x System Control LCDs for Each Row High-Quality Buttons/Knobs/Controls, 4 x GbE Ethernet Ports with Loop-outs Custom Labeling, Redundant Power Supply, 12 On-Air Indicators, 30 Cross-Points, 3-Axis Joystick, Keypad, 2 x Fader Bars, USB Type-C Input for Firmware Updates <i>or its equivalent or better</i></p>	2		
4.0	<p>Professional live production switcher built into a broadcast control panel 8-Input 3G-SDI 1080p60 Live Switcher, ISO Record Each Input to Separate Files, Supports Remote Internet Cameras, Streaming Support, USB & M.2 Recording, Cloud Integration, Up to 16 Multiview Output Sources Audio Mixing, Transitions, T-Bar, AUX, Customizable Electronic LCDs Camera Control, Timecode, Talkback <i>or its equivalent or better</i></p>	5		
5.0	<p>Zero-Latency Routing Switcher, 40 x 12G-SDI Inputs, 40 x 12G-SDI Outputs Supports Up to DCI 4K60 Video, Combines SD, HD, UHD 4K & DCI 4K Video Push-Button, Knob & Ethernet Control, 2.2" Front Panel LCD Status Display SDI Reclocking <i>or its equivalent or better</i></p>	8		
6.0	<p>Routing Switcher controller, 21 Programmable Buttons, LCD Information Screen Push Buttons on Front Panel, RS-422 Input and Output Ethernet with PoE for Remote Control, Control Software Included <i>or its equivalent or better</i></p>	8		
7.0	<p>Advanced real time compositing processor designed for keying live action video with next generation broadcast graphics, virtual sets and more. Up to UHD 4K60 via Single 12G-SDI BNC, 1-Touch Keying, Advanced Compositing, SD/HD/3G/6G/12G-SDI Support, 8 SDI Video Inputs, 9 SDI Video Outputs, 7 SDI Video Loop Outputs Reclocked SD, HD, Ultra HD for corresponding inputs. SDI Rates - 270Mb, 1.5G, 3G, 6G, 12G. Video Input Re-Sync On all inputs <i>or its equivalent or better</i></p>	4		

8.0	<p>Hardware chroma keyer remote control 2 x USB 2.0 and 1 x USB 3.0 for firmware updates S-VGA Output 2 x 10/100 Mbps Ethernet ports to connect to LAN networks for controlling hardware keyer 8 x rotary knobs for adjusting parameters or its equivalent or better</p>	2		
9.0	<p>Format converter - 1089 up, down, cross, and standards conversions for formats ranging from NTSC and PAL to 2K and UHD 4K video Dual SD/HD/3G/6G/12G-SDI I/O, Quad-Link SDI Output HDMI 2.0 Input and Output, Supports SD, HD, 2K, and UHD 4K Automatic Input Signal Detection, Redundant SDI Input & Looped SDI Output 24-Bit, 48 kHz Audio, XLR and RCA Audio Inputs, Front-Panel Controls Software Control via RJ45 Ethernet or its equivalent or better</p>	5		
10.0	<p>File-Based Video Player and Recorder, H.264/H.265 10-Bit 4:2:2 Video Records Compressed in ProRes / DNxHD, 1 x 12G-SDI Input, 2 x 12G-SDI Outputs, 2 x 2.5" SSD Slots & 2 x SD Card Slots, 1 x HDMI Input, 1 HDMI Output, 1 x SDI Loop Output, 1 x USB-C Out, Speaker, Remote, 10G Ethernet Port, Front-Panel Buttons, Jog Wheel, LCD, Timecode, Reference & RS-422 In/Out or its equivalent or better</p>	10		
11.0	<p>8-Channel 3G-SDI Live Streaming Switcher, Supports up to 1080p60 RTMP Streaming via Ethernet or USB-C, Record Program Out and Individual Inputs, 11-Input, 2-Channel Audio Mixer, Input Frame Rate and Format Converter, Re-Sync on All 3G-SDI Inputs, HD Multiview Output with up to 16 Views, Local and Software Switching, 4 x Upstream, 2 x Downstream Keyers or its equivalent or better</p>	5		
12.0	<p>Wireless Video transmitter with 3 mile / 6km / 20,000ft on-ground transmission range Transmission at 1080p/60fps with a max bitrate of 40Mbps as well as live audio monitoring at 16-bit 48 kHz AES 256-Bit Encryption HDMI/3G-SDI I/O or its equivalent or better</p>	10		

13.0	<p>9-Person Noise-Canceling Intercom System, Two-Mic Environmental Noise Cancellation, Reliable 1.9 GHz DECT 6.0 Technology, Includes Hub with Wired Headset, 8 Single-Ear Remote Headsets, Wide Frequency Response for Clear Audio 1100' 2-Way Operating Range, Mute/PTT Button or Rotate Boom to Mute Includes Batteries and 8-Bay Charger, Expandable System or its equivalent or better</p>	5		
14.0	<p>65" OLED 4K TV Monitor 65" 4K OLED 120Hz , Res: 4K Ultra HD (3,840 x 2,160) Supports 4K 120Hz, eARC, VRR, ALLM, QMS as specified in HDMI 2.1 (4 port), HDR10 / HLG, 4K 120 fps (HDMI, USB) or its equivalent or better</p>	4		
15.0	<p>55" OLED 4K TV Monitor 55" 4K OLED 120Hz , Resolution: 4K Ultra HD (3,840 x 2,160), Supports 4K 120Hz, eARC, VRR, ALLM, QMS as specified in HDMI 2.1 (4 port), HDR10 / HLG, 4K 120 fps (HDMI, USB) or its equivalent or better</p>	4		
16.0	<p>42" OLED 4K TV Set Monitor, 42" 4K OLED 120Hz , Res: 4K Ultra HD (3,840 x 2,160), Supports 4K 120Hz, eARC, VRR, ALLM, QMS as specified in HDMI 2.1 (4 port), HDR10 / HLG, 4K 120 fps (HDMI, USB) or its equivalent or better</p>	4		
17.0	<p>32-inch, 4K HDR, 1600 nits, 1,152 zones Mini LED Backlight, 120Hz VRR, HDR, Dolby Vision, HDR-10, HLG, $\Delta E < 1$, DCI-P3, Hardware Calibration, HDMI(v2.1), VESA Display HDR 1400 or its equivalent or better</p>	4		
18.0	<p>Rack mountable reference monitor 15.6" 3840 x 2160 Active-Matrix TFT LCD Supports up to DCI 4K60 Video, 2 x Multi-Rate 12G-SDI Inputs 1 x Optical Fiber SDI Socket, SDI Loop-Through Output, Tally Input, Dual 3D LUT Support, Peaking, Zoom & Adjustable Markers H/V Delay, Blue Only & Frame Markers, Front Panel & Ethernet Control,</p>	8		

	or its equivalent or better Upscales SD/HD to UHD			
19.0	12G-SDI Cable roll (300m) 75-Ohm 12G-SDI UHD Video Coax Cable – Full 656’/200m Roll 75 ohm Digital Video Coaxial Cable Ultra Low Loss Coax (12G-SDI) or its equivalent or better	4		
20.0	HDMI 2.1 cable set at 5m and 10m Supports 3D, DCI 4K, Deep Color 24kt Gold-Plated Connectors HDMI Ethernet Channel Audio Return Channel or its equivalent or better	10		
CAMERA SYSTEM				
1.0	Broadcast Camera with Super35 sized sensor, Interchangeable mount from B4 to EF to PL 6K CMOS Sensor, Dual Native ISO, 2/3" B4 Lens Mount & Active EF Mount, Convertible to PL mount, 6K RAW Recording, Records to ProRes, H.265/264 at 3840 x 2160 (Ultra HD) up to 60 fps 12G-SDI Input & Output, Genlock/Timecode, 13 x Stops of Dynamic Range 2 x UHS-II SD, 2 x CFast 2.0 Slots, Built-In 2/4/6-Stop ND Filters XLR Inputs, 3.5mm Audio Output, or its equivalent or better	10		
1.1	Camera Fiber Converter Converts broadcast camera to SMPTE fiber connection, For Broadcast camera, Full Studio Connectivity, SMPTE Fiber Interface, 12G-SDI Output, 3 x 3G-SDI Return Feeds, 5-Pin XLR Talkback Headset Connections, Camera Controls Moved to Camera Rear or its equivalent or better	10		
1.2	Studio Fiber Converter Convert SMPTE fiber to 12G-SDI broadcast equipment, Connects to Camera Fiber Converter, For HD and UHD 4K Productions, Bi-Directional SMPTE Fiber Link, XLR Audio Breakout, Reference and Control Connections or its equivalent or better	10		

1.3	<p>Camera Control Unit (Controls up to 4 cameras at one time)</p> <p>Camera Control Panel (Controls up to 4 Cameras, Iris, Shutter Speed & Paint Control)</p> <p>Accessory functions: Ethernet Connectivity, LCD Screens with Soft Buttons & Encoders, 4 x High-Quality Joysticks, Recallable Presets</p> <p>or its equivalent or better</p>	6		
1.4	<p>Professional studio camera viewfinder screen 7" 1920 x 1200 TFT LCD Viewfinder Screen 3G-SDI Connector to Camera, 2000 cd/m² Brightness, 4-Pin XLR Power, V-Lock Mount Rotary Dials, Customizable Buttons, Detachable Sun Hood</p> <p>or its equivalent or better</p>	10		
1.5	<p>Broadcast Camera Lens</p> <p>8-128mm B4 Lens, 16x Zoom Ratio, T1.9 (8mm) to 2.8 (128mm) Max Aperture, Digital Servo for Focus & Zoom, Electronic Back Focus Adjustment Macro Focus Function, 2.6' Minimum Object Distance from Front</p> <p>or its equivalent or better</p>	10		
1.6	<p>Pedestal Tripod with Teleprompter Set with complete accessories</p> <p>Teleprompter with SDI LED Monitor, Pedestal with Wheeled Tripod Dolly 19" SDI Talent Monitor, Carry Bags for Pedestal Legs and Dolly 70/30 Beamsplitter Glass, SDI, HDMI, and VGA Inputs, 1000 cd/m² Brightness, 4:3 Aspect Ratio, Adjustable Lens Hood, Prompter Base, Hand-Controlled Scroller, Professional Teleprompter Software compatible with Mac, Windows, and other operating systems</p> <p>or its equivalent or better</p>	8		
1.7	<p>12G-SDI/HDMI Broadcast Studio Monitor (V-Mount) 23.6" 3840 x 2160 Resolution Monitor Supports up to DCI 4K Input Supports Accurate Color Calibration HDR Support, Load Custom 3D LUTs 178° H/V Viewing Angle 300 cd/m² Brightness 1000:1 Contrast Ratio On-Screen Markers, Focus Peaking V-Mount Battery Plate XLR 4-Pin 12-24 VDC Power Input</p> <p>or its equivalent or better</p>	5		

2.0	<p>High resolution LED Video Wall set with processor</p> <p>11ft x 20ft Pixel Pitch 1.26 mm SurfaceDeep black coating Resolution (W x H)480 x 270 Contrast Ratio (0 lx) More than 1,000,000:1 Viewing Angle (H/V)160° / 160° Color Gamut Approx. 83 % (BT2020, Δu'v' coverage) Approx. 97 % (DCI-P3, Δu'v' coverage) (DCI acceptable) Approx. 143 % (sRGB, Δu'v' area) Bit Depth22 bit Internal Processing Frame RateUp to 120 fps Signal Interface1 in 1 out (2 x RJ45)</p> <p>or its equivalent or better</p>	1		
3.0	<p>LEMO/SMPTE Fiber cable set SMPTE 304M camera cable for high-speed uncompressed HD video transmissions Split drum for safe and easy connector pigtail storage 3-position brake lock - free spool, soft brake, full lock Rugged winding handle with storage Ultra-high-abrasion resistant and load bearing cables Excellent flexing and twist capabilities Length minimum of 100 meters per roll</p> <p>or its equivalent or better</p>	10		
4.0	<p>2-Channel LC Single-Mode Fiber Tactical Snake Cable LC Connectors, Durable Design Cut, Crush, and Chemical Resistant Abrasion-Resistant Polyurethane Jacket Exceeds MIL-PRF-85045 Specifications Length minimum of 1500' or 457.2 meters per roll</p> <p>or its equivalent or better</p>	10		
5.0	<p>Robotic crane system 8 axis motion (left/right & up/down & back/forth of the jib, pan tilt head, zoom, focus and aperture) Jib arm length: more or less 3m-5m can be adjusted manually At least Payload of the Pan & Tilt Head: 30kg Power:220V,500W Minimal operating noise Supports storage of 16 programs, 256 scenes, 32 sequences UDP and RS422 dual output FREE-D data, VR tracking accuracy: 0.001°</p> <p>or its equivalent or better</p>	2		
STUDIO BROADCAST CAMERAS				

6.0	<p>Studio camera</p> <p>Active EF Lens Mount, Capture up to 6K resolution, Live Streaming, Remote Controlled ND Filters Raw Recording to External USB-C Disks, Records Raw, Up to 25,600 ISO 7" High-Brightness HDR Touchscreen LCD, 12G-SDI, HDMI & 10G Ethernet Video I/O XLR & 3.5mm Audio Input, Built-In Mics, Built-in Color Corrector or its equivalent or better</p>	8		
6.1	<p>Studio Camera Lens <i>(should be compatible in item 6.0)</i></p> <p>18-135mm f/3.5-5.6 IS STM Lens Power zoom, EF-S-Mount Lens/APS-C Format 28.8-216mm (35mm Equivalent), Aperture Range: f/3.5 to f/36 Ring Lock Rounded 7-Blade Diaphragm or its equivalent or better</p>	8		
6.2	<p><i>(should be compatible in item 6.0)</i></p> <p>70-200mm EF-Mount Lens/Full-Frame Format, Aperture Range: f/2.8 to f/32 Internal Focus, Focus Range Limiter, Weather-Sealed Design, Fluorine Coating Detachable, Rotatable Tripod Collar, Rounded 8-Blade Diaphragm or its equivalent or better</p>	8		
6.3	<p><i>(should be compatible in item 6.0)</i></p> <p>50mm prime lens EF-Mount Lens/Full-Frame Format Aperture Range: f/1.2 to f/16 One Aspherical Element or its equivalent or better</p>	4		
6.4	<p><i>(should be compatible in item 6.0)</i></p> <p>Professional Tripod and Dolly Travel Kit with complete accessories Teleprompter with 15" LED Monitor Tripod with at least 44 lb Load Capacity Rolling Hard Case for Teleprompter Dolly with Wheels and Cable Guards 70/30 Beamsplitter Glass HDMI, BNC Composite, and VGA Inputs 1920 x 1080 Resolution 1000 cd/m² Brightness Hand-Controlled Scroller, Professional Teleprompter Software compatible with Mac, Windows, and other Operating systems or its equivalent or better</p>	8		

6.5	<p><i>(should be compatible in item 6.0)</i></p> <p>150 watts mount battery V-Mount battery for broadcast camera 156Wh or 99Wh lithium-ion battery 12A continuous draw (20A peak, 75A inrush) P-Tap and Smart USB ports >1000 cycle life (flat capacity curve) or its equivalent or better</p>	8		
7.0	<p>4K 10bit HDR professional OLED monitors, at least 30" 16:9 OLED Panel HDMI DisplayPort USB-C, 3840 x 2160 Resolution at 60 Hz With Built-in color calibrator 1000:1 Static Contrast Ratio, 400 nits Peak Brightness, approximately 1.0 Billion Colors with HDR10 98% DCI-P3 100% sRGB, Integrated Speakers & USB Hub or its equivalent or better</p>	5		
8.0	<p>LAN cable set Cat6 Standard 1000' Length ft Four Pairs of Shielded Twisted Wire Designed for Fast & Gigabit Ethernet 24 AWG Solid Bare Copper Conductors or its equivalent or better</p>	10		
MOBILE AND GIMBAL CAMERAS				
9.0	<p>Compact cinema mirrorless camera 12.1MP Full-Frame CMOS Sensor, UHD 4K up to 120 1080p up to 240 Compact Form for Cage-Free Operation, 10-Bit 4:2:2, 16-Bit Raw Output 15+ Stops DR, Detachable 2 x XLR/TRS Adapter Handle Phase Detection AF/Face Tracking/Eye AF, approximately 80 to 400,000 Expanded ISO Range Dual CFexpress Type A/SDXC Card Slots" or its equivalent or better</p>	8		
9.1	<p><i>(should be compatible with item no. 9.0)</i></p> <p>Standard constant f2.8 aperture lens Covers the Full-Frame Sensor Format Focal range: 24-70mm Aperture Range: f/2.8 to f/22" or its equivalent or better</p>	8		
9.2	<p><i>(should be compatible with item no. 9.0)</i></p> <p>Wide angles zoom constant f2.8 lens Covers the Full-Frame Sensor Format Focal range: 16-35mm Aperture Range: f/2.8 to f/22" or its equivalent or better</p>	8		

9.3	<p>(should be compatible with item no. 9.0)</p> <p>Telephoto zoom constant f2.8 lens Covers the Full-Frame Sensor Format Focal range: 70-200mm Aperture Range: f/2.8 to f/22" or its equivalent or better</p>	8		
9.4	<p>(should be compatible with item no. 9.0)</p> <p>50mm prime lens with F1.4 maximum aperture Covers the Full-Frame Sensor Format or its equivalent or better</p>	4		
9.5	<p>(should be compatible with item no. 9.0)</p> <p>85mm prime lens with F1.8 maximum aperture, Covers the Full-Frame Sensor Format or its equivalent or better</p>	4		
9.6	<p>(should be compatible with item no. 9.0)</p> <p>Extra batteries for mirrorless cameras at least 2,000 mAh capacity Battery charger or its equivalent or better</p>	24		
10.0	<p>Professional 3 axis gimbal Carbon fiber body, , at least 10 lb Payload, 1.8" OLED Touchscreen, Instant Mode Switching, Auto-Lock Axes, Supports Wireless Transmitter, LiDAR or its equivalent or better</p>	5		
11.0	<p>Wireless Video Transmitter/Receiver Set, with HDMI/SDI Input, SDI Loop Out, OLED Screen, USB Type-C Power Input, 1000' Line-of-Sight 1080p60 Transmission, 5.1 to 5.9 GHz Frequency Range, AES-128 Encryption, 40 ms Latency or its equivalent or better</p>	8		
12.0	<p>Large sensor professional drone, 3-Axis Gimbal with Tri-Camera system, 20MP 5.1K Wide-Angle 4/3 CMOS 166mm 12MP 7x Zoom Telephoto, 70mm 48MP 3x Zoom Medium Telephoto lens, at least 40 Minutes of Flight Time" or its equivalent or better</p>	2		
13.0	<p>FPV Drone set Close-Up Filming Indoors or Outside Ultra-Wide 4K100p Stabilized Video Propeller Guards for Safe Flying Up to at least 6.0 -Mile Video Transmission Range Downward Sensing Obstacle Avoidance Emergency Brake & RTH Safety Features With min capability of at least 18 Minutes of Flight Time</p>	2		

	3 Speed Modes with speed capability of at least 60 mph or its equivalent or better			
HIGH QUALITY REMOTE CAMERA				
14.0	PTZ Camera with Full Frame sensor Supports up to UHD 4K120 Video Lens Interchangeability 4K Full-Frame Sensor 12G-SDI, HDMI & Streaming Output Variable Electronic ND Filter Smooth, Slow Pan & Tilt Movement IR, IP & Web App Remote Control Flexible PoE+ Installation Genlock, Timecode & Tally Lamps or its equivalent or better	4		
14.1	<i>(should be compatible with item no. 14.0)</i> Powerzoom 28-135mm, constant aperture F4, Lens/Full-Frame Format Aperture Range: f/4 to f/22 Smooth Motion Optics Support 4K Video No Focus Shift or Lens Breathing Power Zoom with Linear Autofocus Motor; Internal Focus Image Stabilization Control Rings for Iris, Focus, and Zoom Removable Rotating Tripod Collar or its equivalent or better	4		
14.2	<i>(should be compatible with item no. 14.0)</i> Compact PTZ Controller Pan, Tilt, Zoom Control via Joystick Control up to 100 Cameras via IP Camera Paint Functions Auto IP and Camera Number Assignment Store up to 100 Camera Presets Tally Indicator or its equivalent or better	4		
14.3	Mounting and other accessories for PTZ Camera or its equivalent or better	4		
AUDIO SYSTEMS STUDIO				
15.0	Compact digital mixer 9" Touchscreen & 8 + 1 Motorized Faders Input: 16 Mono + 1 Stereo + 2 FX Returns Output: 1 Stereo + 6 Mix Bus, and 2 FX 12 XLR + 4 XLR-1/4" Inputs and 8 XLR Out 18 FX, GEQ on Mix 1-6 & Stereo Channels 48/96 kHz Sampling Rate With presets DAW Remote Mode + Software editor Wireless Remote Control or its equivalent or better	4		

16.0	<p>Audio digital mixing console with 48-channel, 36-bus digital mixing console well suited for live sound 16 Microphone Preamps At least 7" Capacitive Touchscreen 96 kHz FPGA Processing Eight Stereo FX Engines with Returns 32 x 32 USB Audio Interface AES Output 12 Stereo Mixes + LR Channel LCD Displays 8 Assignable Keys Port for Remote Audio & Expansion <i>or its equivalent or better</i></p>	4		
17.0	<p>Compact Integrated Audio Production Studio 4 High-End Mic/Line/Instrument Preamps 6 Faders and Large Color Touchscreen Multitrack Recording to microSD or USB Mix-Minus for Phone Call Interviews Studio-Quality Processing 4 Headphone Outputs for Host and Guests 8 Programmable Pads for Audio, FX & MIDI 2 Built-in Wireless Mic Receivers Bluetooth for Calls & Wireless Playback <i>or its equivalent or better</i></p>	8		
18.0	<p>Professional wireless broadcast lavalier Microphones 2-Channel True-Diversity Receiver 2 Bodypack Transmitters with Auto Gain 2 Omnidirectional Lav Mics Auto-Scan Frequencies One-Button Scan and Sync /NFC & IR Sync Bright OLED Display, 4-Channel Mixer Headphone Output, Wired Mic Input At least 4.0 Hour AA Batteries + USB Power Up to 16 Mics on Set / At least 330' Range <i>or its equivalent or better</i></p>	20		
19.0	<p>Compact Analog/USB Camera-Mount Shotgun Microphone Runs on Plug-In Power or USB Power Simple Operation with No Controls 3.5mm TRS Output to Camera or Headphones USB Type-C Digital Audio Output Detachable Flat 3.5mm Cable Windscreen Includes Shoe/Pole Shockmount <i>or its equivalent or better</i></p>	20		
20.0	<p>Professional studio boom microphone Frequency Range : 40 Hz to 20 kHz Maximum SPL : approximately 134 dB SPL, 142 dB SPL Impedance : 150 Ohms Load Impedance : 1000 Ohms <i>or its equivalent or better</i></p>	5		

21.0	Professional studio broadcast microphone Broadcast Sound in USB Format USB and XLR Connections Built-in Pop Filter 3.5mm Jack with Direct Monitoring Should be inclusive of optimization software application Cardioid Pattern With Integrated Mic control panel High-Quality 48 kHz / 24-Bit Audio Frequency Range 20 Hz to 20 kHz Maximum SPL Unidirectional: Approximately 132 dB SPL Analog Output 1 x XLR 3-Pin Male (on Mic) USB & Digital Output 1 x Micro-USB Female (on Mic) Headphone Output 1 x 1/8" / 3.5 mm" or its equivalent or better	10		
22.0	Professional monitor Powered Bookshelf Speaker Up to 100W Output 2-Way, Bass-Reflex Design At least 5.0" Woofer with Dome Tweeter 54 Hz to 20 kHz Frequency Response 1x XLR, 1x RCA Input Class-D Amplifiers or its equivalent or better	20		
23.0	Professional Monitor Headphones 40mm Neodymium Drivers Closed Design Swiveling Earcups Single-Sided Cable Coiled Cable Soft Case or its equivalent or better	10		
24.0	55" OLED 4K TVs 55" 4K OLED 120Hz, Resolution: 4K Ultra HD (3,840 x 2,160) Supports 4K 120Hz, eARC, VRR, ALLM, QMS as specified in HDMI 2.1 (4 port), TV HDR10 / HLG, 4K 120 fps (HDMI, USB) or its equivalent or better	2		
	Additional Requirements			
1.	Submission of proposed system block diagram to ensure interoperability of the equipment. (Annex "A")			
2.	Compliance with the Terms of Reference (Annex "B")			
3	Installation Materials, Cables and Wiring Code a. All items, cables and other installation materials and tools required for the successful installation of the systems and equipment shall be supplied by the system integrator. b. Cables and connectors shall be of high quality and from respectable			

manufacturers. Unbranded products shall not be accepted.

- c. For distances less than 100 meters, copper cable can be used. But for distances more than 100 meters, fiber cable must be used.
- d. The winning bidder/system integrator shall submit samples of all the cables and connectors offered together with their specifications for the Procuring Entity's approval before installation.
- e. The winning bidder/system integrator shall ensure that all the cables are grouped and laid properly and neatly according to the signals being carried. Separate groups shall be formed for power cables, control cables, video cables, low level audio or microphone cables, high level or line level audio cables, intercommunications cables LAN cables, Fiber Optics cables and speaker cables. Inter-rack cable connection to equipment must be laid in that manner (see attached picture)
- f. All cables, especially those at the racks, shall be arranged in a tidy and orderly manner.
- g. All cabling and wiring shall have a proper coding system, which will be provided by PCO to standardize the cable color coding in all PCO stations nationwide.
- h. A properly and correctly documented cable schedule shall be supplied on a standard software package after the completion of the installation. Two sets of the final cable schedule shall be supplied in a properly bound volume.
- i. All installation materials left after completing the project will remain as PCO property and shall not be brought out by the bidder/integrator.
- j. The Winning Bidder/System Integrator shall closely supervise the installation to ensure that all cabling within the rack is so arranged that the equipment is easily and conveniently serviceable in such a way that it shall be possible to disconnect and remove any equipment without disturbing the cable looms within the rack.

Conforme:

Full Name and Signature of :
Bidder/Authorized Rep.

Designation

:

Name of Company

:

Section VIII. Checklist of Technical and Financial Documents

I. TECHNICAL COMPONENT ENVELOPE

Class "A" Documents

Legal Document

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

Technical Documents

- (b) Statement of the prospective bidder of all its ongoing government and private contracts, including contracts awarded but not yet started, if any, whether similar or not similar in nature and complexity to the contract to be bid; **and**
- (c) Statement of the bidder's Single Largest Completed Contract (SLCC) similar to the contract to be bid, except under conditions provided for in Sections 23.4.1.3 and 23.4.2.4 of the 2016 revised IRR of RA No. 9184, within the relevant period as provided in the Bidding Documents; **and**
- (d) Original copy of Bid Security. If in the form of a Surety Bond, submit also a certification issued by the Insurance Commission; **or** Original copy of Notarized Bid Securing Declaration; **and**
- (e) Conformity with the Technical Specifications, which may include production/delivery schedule, manpower requirements, and/or after-sales/parts, if applicable; **and**
- (f) 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; **and**
- (g) Supplemental Bid Bulletin, if applicable

Financial Documents

- (h) The prospective bidder's computation of Net Financial Contracting Capacity (NFCC);
- or**
- A committed Line of Credit from a Universal or Commercial Bank in lieu of its NFCC computation.

Class "B" Documents

- (i) If applicable, a duly signed joint venture agreement (JVA) in case the joint venture is already in existence;
- or**
- duly notarized statements from all the potential joint venture partners stating that they will enter into and abide by the provisions of the JVA in the instance that the bid is successful.

II. FINANCIAL COMPONENT ENVELOPE

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

