

PHILIPPINE BIDDING DOCUMENTS

Procurement of Information Technology Equipment and Semi Expendable ICT Supplies and Audio-Visual

URS-25-73-052/ URS-25-74-052/ URS-25-75-052

Government of the Republic of the Philippines

UNIVERSITY OF RIZAL SYSTEM

**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.

Table of Contents

Glossary of Acronyms, Terms, and Abbreviations	4
Section I. Invitation to Bid.....	7
Section II. Instructions to Bidders.....	10
1. Scope of Bid	11
2. Funding Information.....	11
3. Bidding Requirements	11
4. Corrupt, Fraudulent, Collusive, and Coercive Practices.....	11
5. Eligible Bidders.....	12
6. Origin of Goods	12
7. Subcontracts	12
8. Pre-Bid Conference	12
9. Clarification and Amendment of Bidding Documents	12
10. Documents comprising the Bid: Eligibility and Technical Components	13
11. Documents comprising the Bid: Financial Component	13
12. Bid Prices	13
13. Bid and Payment Currencies	14
14. Bid Security	14
15. Sealing and Marking of Bids	14
16. Deadline for Submission of Bids	15
17. Opening and Preliminary Examination of Bids	15
18. Domestic Preference	15
19. Detailed Evaluation and Comparison of Bids	15
20. Post-Qualification	16
21. Signing of the Contract	16
Section III. Bid Data Sheet	17
Section IV. General Conditions of Contract	20
1. Scope of Contract	21
2. Advance Payment and Terms of Payment	21
3. Performance Security	21
4. Inspection and Tests	22
5. Warranty	22
6. Liability of the Supplier	22
Section V. Special Conditions of Contract	23
Section VI. Schedule of Requirements	28
Section VII. Technical Specifications	48
Section VIII. Checklist of Technical and Financial Documents	101

Glossary of Acronyms, Terms, and Abbreviations

ABC – Approved Budget for the Contract.

BAC – Bids and Awards Committee.

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

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

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

BIR – Bureau of Internal Revenue.

BSP – Bangko Sentral ng Pilipinas.

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

CDA - Cooperative Development Authority.

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

CIF – Cost Insurance and Freight.

CIP – Carriage and Insurance Paid.

CPI – Consumer Price Index.

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

DTI – Department of Trade and Industry.

EXW – Ex works.

FCA – “Free Carrier” shipping point.

FOB – “Free on Board” shipping point.

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

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

GFI – Government Financial Institution.

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

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

GOP – Government of the Philippines.

GPPB – Government Procurement Policy Board.

INCOTERMS – International Commercial Terms.

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

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

LGUs – Local Government Units.

NFCC – Net Financial Contracting Capacity.

NGA – National Government Agency.

PhilGEPS - Philippine Government Electronic Procurement System.

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

PSA – Philippine Statistics Authority.

SEC – Securities and Exchange Commission.

SLCC – Single Largest Completed Contract.

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

UN – United Nations.

Section I. Invitation to Bid

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.



Republic of the Philippines
UNIVERSITY OF RIZAL SYSTEM
Tanay, Rizal
Email: bacsecretariat@urs.edu.ph



Invitation to Bid for the Procurement of Information Technology Equipment and Semi Expendable ICT Supplies and Audio-Visual

1. The **University of Rizal System**, through the **fund 052 of 2025** intends to apply the following sum of being the ABC per lot:

Lot & Identification Number	Project Title	ABC
1- URS-25-73-052	Procurement of ICT Equipment	₱ 9,926,765.10
2- URS-25-74-052	Procurement of ICT Supplies	1,195,024.48
3- URS-25-75-052	Procurement of Audio-Visual	790,209.88
TOTAL ABC		₱ 11,911,999.46

2. Bids received in excess of the ABC for each lot shall be automatically rejected at bid opening.
3. The **University of Rizal System** now invites bids for the above Procurement Project. Delivery of the Goods is required by **thirty (30) calendar days**. 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).
4. 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.

5. Prospective Bidders may obtain further information from **University of Rizal System** and inspect the Bidding Documents at the address given below during Monday to Thursday, 7:00 AM to 6:00 PM.
6. A complete set of Bidding Documents may be acquired by interested Bidders on **October 15, 2025** from the given address and website(s) below and upon payment of the applicable fee for the Bidding Documents, pursuant to the latest Guidelines issued by the GPPB, in the amount of **Ten Thousand Pesos Only (10,000.00) for Lot 1, Five Thousand Pesos Only (5,000.00) for Lot 2, One Thousand Pesos Only (1,000.00)**

for Lot 3. The Procuring Entity shall allow the bidder to present its proof of payment for the fees in person.

7. The **University of Rizal System** will hold a Pre-Bid Conference¹ on **October 23, 2025 at 1:30 PM** at the **BAC Conference Room, URS Morong Campus, J. Sumulong St., Brgy San Juan, Morong, Rizal** and via **Google Meet Video Conference**, which shall be open to prospective bidders.
8. Bids must be duly received by the BAC Secretariat through manual submission at the office address indicated below, on or before **1:00 PM of November 4, 2025**. Late bids shall not be accepted.
9. All Bids must be accompanied by a bid security in any of the acceptable forms and in the amount stated in **ITB** Clause 14.
10. Bid opening shall be on **November 4, 2025 1:30 PM** at the **BAC Conference Room, URS Morong Campus, J. Sumulong St., Brgy San Juan, Morong, Rizal**. Bids will be opened in the presence of the bidders' representatives who choose to attend the activity.
11. The **University of Rizal System** 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:

BAC Secretariat
URS Morong Campus, J. Sumulong St., Brgy San Juan, Morong, Rizal
Tel. No. (02)8539-9950 to 9956 loc 125
Email: bacsecretariat@urs.edu.ph
13. You may visit the following websites:

For downloading of Bidding Documents: <http://www.urs.edu.ph/bid-opportunities/>

October 15, 2025

ARIEL M. PLANTILLA, DBA
Chairperson, Bids and Awards Committee

¹ May be deleted in case the ABC is less than One Million Pesos (PhP1,000,000) where the Procuring Entity may not hold a Pre-Bid Conference.

Section II. Instructions to Bidders

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, University of Rizal System wishes to receive Bids for the following:

Lot & Identification Number	Project Title	ABC
1- URS-25-73-052	Procurement of ICT Equipment	₱ 9,926,765.10
2- URS-25-74-052	Procurement of ICT Supplies	1,195,024.48
3- URS-25-75-052	Procurement of Audio-Visual	790,209.88
TOTAL ABC		₱ 11,911,999.46

The Procurement Project (referred to herein as “Project”) is composed **Three (3) lots**, 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 **052 of 2025** in the amount of **₱ 9,926,765.10 for Lot 1, 1,195,024.48 for Lot 2, 790,209.88 for Lot 3.**

2.2. The source of funding is:

052, Internally Generated Income.

3. Bidding Requirements

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

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

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

4. Corrupt, Fraudulent, Collusive, and Coercive Practices

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

5. Eligible Bidders

- 5.1. Only Bids of Bidders found to be legally, technically, and financially capable will be evaluated.
- 5.2. Foreign ownership limited to those allowed under the rules may participate in this Project.
- 5.3. Pursuant to Section 23.4.1.3 of the 2016 revised IRR of RA No. 9184, the Bidder shall have an SLCC that is at least one (1) contract similar to the Project the value of which, adjusted to current prices using the PSA's CPI, must be at least equivalent to:

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 at BAC Conference Room, URS Morong Campus, J. Sumulong St., Brgy San Juan, Morong, Rizal and via Google Meet Videoconference as indicated in paragraph 6 of the **IB**.

9. Clarification and Amendment of Bidding Documents

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

10. Documents comprising the Bid: Eligibility and Technical Components

- 10.1. The first envelope shall contain the eligibility and technical documents of the Bid as specified in **Section VIII (Checklist of Technical and Financial Documents)**.
- 10.2. The Bidder's SLCC as indicated in **ITB** Clause 5.3 should have been completed within **three (3) years** prior to the deadline for the submission and receipt of bids.
- 10.3. If the eligibility requirements or statements, the bids, and all other documents for submission to the BAC are in foreign language other than English, it must be accompanied by a translation in English, which shall be authenticated by the appropriate Philippine foreign service establishment, post, or the equivalent office having jurisdiction over the foreign bidder's affairs in the Philippines. Similar to the required authentication above, for Contracting Parties to the Apostille Convention, only the translated documents shall be authenticated through an apostille pursuant to GPPB Resolution No. 13-2019 dated 23 May 2019. The English translation shall govern, for purposes of interpretation of the bid.

11. Documents comprising the Bid: Financial Component

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

12. Bid Prices

- 12.1. Prices indicated on the Price Schedule shall be entered separately in the following manner:
 - a. For Goods offered from within the Procuring Entity's country:
 - i. The price of the Goods quoted EXW (ex-works, ex-factory, ex-warehouse, ex-showroom, or off-the-shelf, as applicable);

- ii. The cost of all customs duties and sales and other taxes already paid or payable;
 - iii. The cost of transportation, insurance, and other costs incidental to delivery of the Goods to their final destination; and
 - iv. The price of other (incidental) services, if any, listed in the **BDS**.
- 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 the **BDS**.

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 Declaration² 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 **March 4, 2026**. 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.

² 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.

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

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

16. Deadline for Submission of Bids

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

17. Opening and Preliminary Examination of Bids

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

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

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

18. Domestic Preference

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

19. Detailed Evaluation and Comparison of Bids

- 19.1. The Procuring Entity's 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 14 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**.

- a. Winning bidder's bid, including the Technical and Financial Proposals, and all other documents/statements submitted (*e.g.*, bidder's response to request for clarifications on the bid), including corrections to the bid, if any, resulting from the Procuring Entity's bid evaluation;
- b. Performance Security or Performance Securing Declaration, as the case may be;
- c. Notice to Execute Framework Agreement; and
- d. Other contract documents that may be required by existing laws and/or specified in the **BDS**.

Section III. Bid Data Sheet

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. Supply and Delivery of ICT, Audio Visual Supplies and Equipment b. Completed within three (5) years prior to the deadline for the submission and receipt of bids.
7.1	Subcontracting is not allowed.
12	The price of the Goods shall be quoted DDP URS Morong Campus, J. Sumulong St., Brgy. San Juan, Morong, Rizal 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 ₱198,535.302, if bid security is in cash, cashier's/manager's check, bank draft/guarantee or irrevocable letter of credit for Lot 1; b. The amount of not less than ₱23,900.4896, if bid security is in cash, cashier's/manager's check, bank draft/guarantee or irrevocable letter of credit for Lot 2; c. The amount of not less than ₱15,804.1976, if bid security is in cash, cashier's/manager's check, bank draft/guarantee or irrevocable letter of credit for Lot 3; d. The amount of not less than ₱496,338.255 if bid security is in Surety Bond for Lot 1; e. The amount of not less than ₱59,751.224 if bid security is in Surety Bond for Lot 2; f. The amount of not less than ₱39,510.494 if bid security is in Surety Bond for Lot 3;
19.3	<i>[In case the Project will be awarded by lot, list the grouping of lots by specifying the group title, items, and the quantity for every identified lot, and the corresponding ABC for each lot.]</i> <i>[In case the project will be awarded by item, list each item indicating its quantity and ABC.]</i>
20.2	<i>[List here any licenses and permits relevant to the Project and the corresponding law requiring it.]</i>

21.2	<i>[List here any additional contract documents relevant to the Project that may be required by existing laws and/or the Procuring Entity.]</i>
------	---

Section IV. General Conditions of Contract

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**.

[Include the following clauses if Framework Agreement will be used:]

- 2.3. For a single-year Framework Agreement, prices charged by the Supplier for Goods delivered and/or services performed under a Call-Off shall not vary from the prices quoted by the Supplier in its bid.
- 2.4. For multi-year Framework Agreement, prices charged by the Supplier for Goods delivered and/or services performed under a Call-Off shall not vary from the prices quoted by the Supplier during conduct of Mini-Competition.

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 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. *{[Include if Framework Agreement will be used:] In the case of Framework Agreement, the Bidder may opt to furnish the performance security or a Performance Securing Declaration as defined under the Guidelines on the Use of Framework Agreement.}*

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

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

5. Warranty

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

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

6. Liability of the Supplier

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

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

Section V. Special Conditions of Contract

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.

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: <i>[For Goods supplied from abroad, state:]</i> “The delivery terms applicable to the Contract are DDP delivered <i>[indicate place of destination]</i>. In accordance with INCOTERMS.” <i>[For Goods supplied from within the Philippines, state:]</i> “The delivery terms applicable to this Contract are delivered <i>[indicate place of destination]</i>. 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 Mr. Paul John Lopez. Incidental Services – The Supplier is required to provide all of the following services, including additional services, if any, specified in Section VI. Schedule of Requirements: a. performance or supervision of on-site assembly and/or start-up of the supplied Goods; b. furnishing of tools required for assembly and/or maintenance of the supplied Goods; c. furnishing of a detailed operations and maintenance manual for each appropriate unit of the supplied Goods; d. performance or supervision or maintenance and/or repair of the supplied Goods, for a period of time agreed by the parties, provided that this service shall not relieve the Supplier of any warranty obligations under this Contract; and

	e. training of the Procuring Entity’s personnel, at the Supplier’s plant and/or on-site, in assembly, start-up, operation, maintenance, and/or repair of the supplied Goods. f. <i>[Specify additional incidental service requirements, as needed.]</i> 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. 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: 1. 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 2. 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 costs 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 <i>[indicate here the time period specified. If not used indicate a time period of three times the warranty period]</i>. 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 Final Destination Gross weight Any special lifting instructions Any special handling instructions Any relevant HAZCHEM classifications
	A packaging list identifying the contents and quantities of the package is to be placed on an accessible point of the outer packaging if practical. If not practical the packaging list is to be placed inside the outer packaging but outside the secondary packaging. Transportation – Where the Supplier is required under Contract to deliver the Goods CIF, CIP, or DDP, transport of the Goods to the port of destination or such other named place of destination in the Philippines, as shall be specified in this Contract, shall be arranged and paid for by the Supplier, and the cost thereof shall be included in the Contract Price. Where the Supplier is required under this Contract to transport the Goods to a specified place of destination within the Philippines, defined as the Project Site, transport to such place of destination in the Philippines, including insurance and storage, as shall be specified in this Contract, shall be arranged by the Supplier, and related costs shall be included in the contract price.

	Where the Supplier is required under Contract to deliver the Goods CIF, CIP or DDP, Goods are to be transported on carriers of Philippine registry. In the event that no carrier of Philippine registry is available, Goods may be shipped by a carrier which is not of Philippine registry provided that the Supplier obtains and presents to the Procuring Entity certification to this effect from the nearest Philippine consulate to the port of dispatch. In the event that carriers of Philippine registry are available but their schedule delays the Supplier in its performance of this Contract the period from when the Goods were first ready for shipment and the actual date of shipment the period of delay will be considered force majeure. The Procuring Entity accepts no liability for the damage of Goods during transit other than those prescribed by INCOTERMS for DDP deliveries. In the case of Goods supplied from within the Philippines or supplied by domestic Suppliers risk and title will not be deemed to have passed to the Procuring Entity until their receipt and final acceptance at the final destination. Intellectual Property Rights – The Supplier shall indemnify the Procuring Entity against all third-party claims of infringement of patent, trademark, or industrial design rights arising from use of the Goods or any part thereof.
	Regular and Recurring Services – <i>[In case of contracts for regular and recurring services, state:]</i> “The contract for regular and recurring services shall be subject to a renewal whereby the performance evaluation of the service provider shall be conducted in accordance with Section VII. Technical specifications.”
2.2	<i>[If partial payment is allowed, state]</i> “The terms of payment shall be as follows: _____.”
4	The inspections and tests that will be conducted are: <i>[Indicate the applicable inspections and tests]</i>

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.

Item Number	Description	Quantity	Total	Delivered, Weeks/Months
	LOT 1			
1.	Desktop Computer, 8GB RAM, Optical Drive, 1TB HDD + 256GB M.2 NVMe PCIe 3.0 SSD	5	5	30 Calendar Days
2.	CCTV, DVR up to 8 MP, 16 channels with embedded internet connection with HDMI and VGA out, 2TB Surveillance-grade SATA HDD	4	4	30 Calendar Days
3.	Desktop Computer, Intel Core i7-12700 2.1GHz, 8GB RAM, 1TB HDD + 256GB, Optical Drive	3	3	30 Calendar Days
4.	Desktop Computer, 8GB RAM, 512GB PCIe NVMe M.2, USB 3.2, HDMI, DisplayPort	3	3	30 Calendar Days
5.	Desktop Computer, 8GB DDR4 Memory, 1TB HDD + 256GB M.2 NVMe PCIe 3.0 SSD, Optical Drive	6	6	30 Calendar Days
6.	Desktop Computer, Intel Core i7-14700 2.1GHz, 16GB RAM, 1TB M.2 2280 NVMe PCIe 4.0 SSD, Optical Drive	53	53	30 Calendar Days
7.	CCTV, DVR up to 8 MP, 16 channels with embedded internet connection with HDMI and VGA out, 4TB Surveillance-grade SATA HDD	2	2	30 Calendar Days
8.	Laptop Computer, M2 chip – 8-core CPU, Integrated 8-core GPU, 16GB Unified Memory, 256GB SSD	2	2	30 Calendar Days
9.	Laptop Computer, 16 GB LPDDR5x-7467 MT/s (onboard), 1 TB PCIe® Gen4 NVMe? M.2 SSD	4	4	30 Calendar Days
10.	Desktop Computer, 8GB DDR4-3200 U-DIMM, 1TB HDD + 256GB M.2 NVMe PCIe 3.0 SSD, Wi-Fi 6(802.11ax) (Dual band) 2*2 + Bluetooth 5.2	2	2	30 Calendar Days
11.	Laptop Computer, 16 GB DDR4-3200, Gigabit Ethernet (RJ-45); Wi-	1	1	30 Calendar Days

	Fi 6 (802.11ax) 2x2 and Bluetooth, HD Camera 720p + Microphone			
12.	Desktop Computer, 8GB DDR5 U-DIMM, 512GB PCIe® 4.0 NVMe™ M.2 SSD, 23.8-inch FHD (1920x1080) Monitor, Wi-Fi 6E(802.11ax) (Dual band) 2*2 + Bluetooth 5.3	1	1	30 Calendar Days
13.	Printer, Print, Scan, Copy, Fax with ADF, Print up to A3+ (for simplex), Wi-Fi / Wi-Fi Direct / USB 2.0 / Ethernet, Borderless printing up to 4R	1	1	30 Calendar Days
14.	All in one desktop computer, 16 GB DDR5-5600 MHz RAM (2 x 8 GB), Camera 1080p FHD IR + integrated dual array digital microphones, With Keyboard and mouse combo,	1	1	30 Calendar Days
15.	Laptop Computer, 16 GB DDR4-3200, Full HD (1920 × 1080) IPS, 144 Hz refresh rate, anti-glare, Laptop GPU, 6 GB GDDR6, Gigabit Ethernet (RJ-45); Wi-Fi 6 (802.11ax) 2x2 and Bluetooth	5	5	30 Calendar Days
16.	Desktop Computer, 8GB 3200MHz DDR4, USB 3.2, HDMI, DisplayPort, 512GB PCIe NVMe M.2, With Wireless Mouse and Keyboard	1	1	30 Calendar Days
17.	Laptop Computer, 16GB DDR5-4800 SO-DIMM, Laptop GPU, 6 GB GDDR6, - 1 × 3.5 mm combo audio jack - 1 × HDMI 2.1 (FRL) - 2 × USB 3.2 Gen 1 Type-A (5 Gbps) - 1 × USB 3.2 Gen 2 Type-C (w/ DisplayPort / Power Delivery / G-SYNC) - 1 × Thunderbolt™ 4 (DisplayPort, up to 40 Gbps) - RJ-45 LAN port	1	1	30 Calendar Days
18.	Wireless Microphone, Dual-channel tabletop receiver with internal antennas, 2 × XLR balanced, 2 × ¼-inch TS unbalanced, Battery type: 2 × AA (alkaline), Dynamic range: ~ 100 dB (A-weighted) typical, Max operating (line-of-sight) range: ≈ 300 ft / 91.4 m	2	2	30 Calendar Days

19.	Desktop Computer, 8GB DDR4-3200 U-DIMM, Optical Drive (Internal or External), Wi-Fi 6(802.11ax) (Dual band) 2*2 + Bluetooth 5.2, 300W–350W, 80 PLUS Bronze certified	2	2	30 Calendar Days
20.	Desktop Computer, 8GB 3200MHz DDR4, LED monitor 24 inches, Full HD 1080p (1920×1080), FreeSync support, VESA mount, HDMI + DisplayPort connectivity,	4	4	30 Calendar Days
21.	Laptop Computer, 16GB SO-DIMM DDR5-4800, 512GB SSD M.2 2242 PCIe 4.0x4 NVMe, 15.6" FHD (1920x1080) IPS 300nits Anti-glare, 100% sRGB, 144Hz, Stereo speakers, 2W x2, optimized with Nahimic Audio	9	9	30 Calendar Days
22.	Desktop Computer, 16GB DDR5 U-DIMM, 1TB M.2 2280 NVMe PCIe 4.0 SSD, 23.8" FHD (1920x1080) Monitor, Wi-Fi 6E(802.11ax) (Dual band) 2*2 + Bluetooth 5.3, With USB Keyboard and Mouse	2	2	30 Calendar Days
23.	Printer, Impact dot matrix, 24-pin, narrow/wide carriage, High Speed Draft (10 cpi): up to 576 characters per second (cps), Print Resolution: Up to 360 × 180 dp, Paper size: from 101.6 × 152.4 mm (min) up to 406.4 mm width continuous forms	1	1	30 Calendar Days
24.	Camera Lens, Focal length: 70–200 mm (35mm full frame). Equivalent on APS-C: 105–300 mm., Maximum aperture: f/2.8 (constant). Minimum aperture: f/22, Format: 35 mm full-frame. Mount: Sony E-mount., Optical features: XA and aspherical element(s), 2× ED + 2× Super ED, Nano AR Coating II, 11-blade circular diaphragm.	1	1	30 Calendar Days
25.	Uninterruptable Power Supply, Rated Power VA: 3,000 VA Watts: 2,700 W (100 % load), Bypass / Overload Protection: Internal bypass (automatic and manual) provided., Surge energy rating ~945 Joules	3	3	30 Calendar Days
26.	Desktop Computer, 12 cores / 24 threads, 360 mm Liquid CPU	1	1	30 Calendar Days

	Cooler (All-in-One) 3 × 120 mm RGB Magnetic Levitation PWM fans, 64 GB DDR5-6000, CL30, 1.4 V RAM, 1 TB NVMe Gen4 SSD with DRAM, ~7000/5000 MB/s + 2 TB SATA HDD, 7200 rpm, ~256 MB cache, 1000 W, 80+ Gold, fully modular, ATX 3.0 PCIe 5.0 ready, Chassis: ATX Mid-Tower, airflow optimized (mesh), tempered glass, includes 2× 120 mm fans			
27.	Laptop Computer, Base Frequency ~ 3.1 GHz, Max Boost up to ~4.5 GHz; 8 cores / 16 threads; 20 MB Cache, (6 GB GDDR6 discrete GPU), 16 GB DDR5-5600, Included ~ 240W AC Adapter	1	1	30 Calendar Days
28.	Laptop Computer, 8C (4P + 4E) / 12T, P-core up to 4.4GHz, E-core up to 3.1GHz, 12MB, 16GB SO-DIMM DDR5-4800, 15.6" FHD (1920x1080) IPS 300nits Anti-glare, 100% sRGB, 144Hz, HD Camera 720p (Privacy Shutter) + Microphone 2x, Array, 57Wh Battery + 135W Slim Tip (3-pin) power adapter	2	2	30 Calendar Days
29.	Laptop Computer, (12 cores, 14 threads) 1.7 GHz up to 4.8 GHz, 12 MB L3 cache, 16 GB LPDDR5x-7467 MT/s (onboard), 1 TB PCIe® Gen4 NVMe M.2 SSD, Wi-Fi 6E(802.11ax) (Dual band) 2*2 + Bluetooth 5.3	1	1	30 Calendar Days
30.	Laptop Computer, 8C (4P + 4E) / 12T, P-core up to 4.4GHz, E-core up to 3.1GHz, 12MB, 16GB SO-DIMM DDR5-4800, 15.6" FHD (1920x1080) IPS 300nits Anti-glare, 100% sRGB, 144Hz, 57Wh Battery + 135W Slim Tip (3-pin) power adapter, Wi-Fi® 6, 802.11ax 2x2 + BT5.2	1	1	30 Calendar Days
31.	Laptop Computer, 8 cores / 12 threads (4P + 4E). P-core base: 2.1 GHz, E-core base: 1.5 GHz. Max Turbo: up to 4.6 GHz., 16 GB (2 × 8 GB) DDR5-5600 SO-DIMM (dual-channel)., 1 TB PCIe® 4.0×4 NVMe® M.2	7	7	30 Calendar Days

	SSD, 16" 2.8K (2880x1800) OLED 500nits Glossy, 100% DCI-P3, 120Hz, DisplayHDR True Black 1000, Stereo speakers, 2W x2, optimized with Nahimic Audio.			
	LOT 2			
1.	Printer, Multifunction Printer — All-in-One (Print / Scan / Copy / Fax) with ADF, ADF capacity: Minimum 30 sheets, Wi-Fi, Wi-Fi Direct, USB; network (Ethernet) preferred if offered, Built-in control panel with display for operation and ADF/scan status,	32	32	30 Calendar Days
2.	Uninterruptible Power Supply, 650VA up to 1000VA, Maintenance-free sealed lead-acid battery, Typical recharge within 8 hours to 90% capacity, Overload, short-circuit, and surge protection,	9	9	30 Calendar Days
3.	Portable Storage Device, Portable Solid State Drive (SSD) - 1TB Capacity, Shock-resistant casing, minimum 2m drop resistance, USB 3.2 Gen 2 (10Gbps) or higher, Optional password protection / AES 256-bit encryption (if supported by model),	1	1	30 Calendar Days
4.	Uninterruptible Power Supply, 650VA – 1000VA (minimum 360W continuous output), Output Voltage Regulation: TRUE AVR (Automatic Voltage Regulation) with boost and buck function, Maintenance-free sealed lead-acid (12V) battery, typical recharge time 90% within 2–4 hours (super-fast charging),	1	1	30 Calendar Days
5.	Printer, Monochrome Laser Printer — desktop class (LaserJet / DeskJet type), Up to 18 ppm, Memory: ≈ 8 MB onboard (vendor to state exact), USB 2.0 (required). Wi-Fi / Ethernet optional — state if present, Starter toner included	11	11	30 Calendar Days
6.	Portable Storage Device, 1,000 GB (1 TB) usable capacity (nominal), NVMe M.2 (PCIe) SSD inside an external enclosure (vendor to state internal SSD model), USB 3.2 Gen	2	2	30 Calendar Days

	2 (10 Gbps) over USB-C; includes USB-C → USB-C and USB-C → USB-A cables, Shock-resistant design, Windows, macOS, Linux, Android (OTG),			
7.	Portable Storage Design, Removable SDXC memory card, full-size (SD), Capture of 4K UHD video, high-speed burst photography, drones, action cameras, DSLRs that accept SDXC UHS-I cards, Shockproof, temperature-proof, waterproof, and X-ray proof (or vendor to state equivalent ruggedness claims), If microSD variant shipped with adapter — state it; otherwise, full-size SD card in sealed retail packaging only,	2	2	30 Calendar Days
8.	Wireless Router, 4G LTE Router with integrated Wireless-N access point and Ethernet switch, Features NAT, DHCP server, port forwarding, UPnP, DMZ, SPI Firewall, VPN passthrough (PPTP/L2TP/IPSec), MAC/IP/URL filtering, parental controls, guest network, Built-in 4G LTE modem with SIM card slot (nano/micro – state type); supports LTE fallback to 3G/2G t least 1 × WAN (auto or selectable) and 4 × LAN RJ-45 ports; minimum 10/100 Mbps Ethernet ports (state if gigabit),	1	1	30 Calendar Days
9.	Portable Storage Device, Durable, shock-resistant casing (rubberized or ABS); state if anti-shock or reinforcement is provided, Included USB 3.0 cable (USB-A to Micro-B typically) — specify type,	3	3	30 Calendar Days
10.	Storage Device, Internal 2.5" SATA III Solid State Drive (SSD), 256 GB nominal capacity, SATA III (6.0 Gbps), 2.5" form factor, Support for TRIM, SMART, NCQ. Power-loss protection or DRAM cache optional,	11	11	30 Calendar Days
11.	DDR4 Memory Module, DDR4 DRAM memory module 16 GB, 288-pin UDIMM, DDR4 2666 MHz minimum; preferable offers: 3000 /	4	4	30 Calendar Days

	3200 MHz, JEDEC standard DDR4; compatible with mainstream Intel & AMD platforms,			
12.	DDR3 Memory Module, Single DDR3 DRAM memory module 16 GB or 2x 8GB, Non-ECC, unbuffered, DDR3-1600 (PC3-12800) @ 1.5 V, JEDEC standard DDR3; compatible with mainstream Intel & AMD platforms that support DDR3,	5	5	30 Calendar Days
13.	Printer, All-in-One Ink-Tank Printer (Print / Scan / Copy) with built-in CISS, Print, Scan (flatbed), Copy (flatbed), Integrated visible ink tank system (refillable) — spill-resistant design and clear level indicators, Inkjet (micro-piezo / piezoelectric or manufacturer equivalent), USB 2.0 (required). Wi-Fi / Wi-Fi Direct / Mobile print,	2	2	30 Calendar Days
14.	Cat5 UTP Cable, 1,000 ft spool (approx. 305 m) of Category 5e (Cat5E) UTP cable, 4-pair, solid bare copper conductors, Compliant with TIA/EIA-568-B.2-1 (Category 5e) and ISO/IEC 11801 for Cat5e performance; UL-listed (e.g., UL 444/UL 1581) or equivalent, Suitable for use with RJ45 field terminations (110/krone blocks, keystone jacks, RJ45 punch-down, IDC) per Cat5e installation practice,	1	1	30 Calendar Days
15.	Extension Wheel, Extension wheel / cable reel with 15 meter power cord, 15 meters (approx. 49 ft); heavy-duty insulated rubber or PVC sheathing, At least 3 universal sockets (able to accept different plug types—flat / round / two-pin / three-pin) OR local standard sockets with surge protection, Overload protection (fuse or circuit breaker) or thermal cut-off; cable pull-lock or claw to anchor cord; stable base,	1	1	30 Calendar Days
16.	Wireless Router, IEEE 802.11ac / 802.11n dual band (2.4 GHz + 5 GHz), Up to 1200 Mbps combined throughput (e.g. ~300 Mbps on 2.4 GHz + ~867-900 Mbps on 5 GHz),	2	2	30 Calendar Days

	Supports MU-MIMO (multi-user, multiple input/output) for simultaneous device support, At least 4 LAN ports + 1 WAN port, ≥ 3 external high-gain antennas (or internal with similar performance) for decent coverage; beamforming preferred,			
17.	Cat6 UTP Cable, Outdoor Cat6 Unshielded Twisted Pair (UTP) network cable, 300-305 meters roll / box, Solid bare copper conductor, 24 AWG ($\approx 0.50\text{--}0.53$ mm diameter), 4 pairs. No CCA or copper-coated aluminium allowed, Weatherproof (UV, moisture, temperature changes), durable outer hood; vendor to state environmental rating (e.g., UV, temperature range),	1	1	30 Calendar Days
18.	External SSD, Portable External Solid State Drive (SSD), 1 TB nominal capacity, 2.5" external enclosure, USB 3.1 Gen-2 / USB 3.2 Gen-2 (10 Gbps) preferred; backward compatible with USB 3.0/2.0. Include USB-C $\rightarrow$ USB-C and USB-C $\rightarrow$ USB-A cables, SATA SSD housed in portable enclosure, Compact, shock-resistant enclosure; vendor to state drop resistance (e.g., 1.5 m) and any IP rating if applicable,	1	1	30 Calendar Days
19.	SDCard, SDXC Memory Card, 256 GB nominal capacity (≥ 240 GB usable), UHS-I, U3, V30, Class 10 minimum, Read Speed: Up to 150–190 MB/s; Write Speed: Up to 90–130 MB/s, Full-size SD form factor, suitable for DSLRs / mirrorless / 4K video cameras, Backward compatible with SDHC/SDXC slots; plug-and-play,	1	1	30 Calendar Days
20.	Micro SD Card, 64 GB nominal capacity, UHS-I U3, Class 10, V30 minimum, Read Speed: Up to 120 MB/s (or higher); Write Speed: Up to 80 MB/s (or higher), Optimized for 4K UHD video recording on action cameras, drones, dashcams, Compatible with GoPro, action	1	1	30 Calendar Days

	cameras, smartphones, tablets, DSLRs,			
21.	Vacuum Blower, Portable Computer Vacuum Blower / Air Duster with blower/suction mode, Motor power 100-500 watts, Approx. 50-80 CFM, At least 2 modes (low/high), speed or airflow adjustable via switch or dial, HEPA filter or multi-layer filters including foam/sponge pre-filter + fine dust filter; filter should be washable or replaceable, 6-10 feet (approx. 1.8-3 meters) power cord; vendor must state length,	1	1	30 Calendar Days
22.	NAS, 4-bay desktop Network Attached Storage (NAS), Diskless (no HDDs included), Suitable for main office server and record storage, Two built-in M.2 NVMe SSD slots for cache; expandable to 9 drives with expansion unit, 4 GB DDR4 installed (two removable SODIMM slots) — expandable up to 8 GB, Four hot-swappable 3.5" / 2.5" SATA drive bays (SATA 6 Gbps); scalable up to 9 drives using compatible expansion unit (vendor to state expansion model compatibility)., Full NAS OS with file services (SMB, AFP, NFS), snapshot replication, Btrfs or ext4 support (vendor to state filesystem), USB backup, cloud sync, user & group management, centralized log/monitoring, and support for IP camera surveillance with 2 camera licenses included by default;.	1	1	30 Calendar Days
23.	Printer, Print, Scan, Copy, 5760 × 1440 dpi, Flatbed CIS scanner, optical resolution 600 × 1200 dpi, Max scan area 216 × 297 mm, Max paper size 215.9 × 1200 mm; supports A4, Letter, Legal, envelopes, Integrated CISS (eco-tank); bottles with page yields approx. 4,500 pages (black) and 7,500 pages (composite color),	1	1	30 Calendar Days
24.	Printer, Print only (single-function ink tank printer), 720 × 720 dpi, Up	3	3	30 Calendar Days

	to 50 sheets plain paper (75 g/m ²), Maximum Paper Size: 8.5 × 44 inches, Starter black and color ink bottles, power cord, USB cable, user manual/product brochure,			
25.	External SSD, 1 TB portable external SSD, USB-C, USB 3.2 Gen 2 (backwards compatible with USB-A via adapter), Up to 1,050 MB/s read and up to 1,000 MB/s write (or equivalent high-speed NVMe performance), Water- and dust-resistant housing (at least IP65); shock/drop protection,	2	2	30 Calendar Days
26.	Solid State Drive, 1 TB M.2 2280, NVMe PCIe Gen 3×4 (Gen 4 optional if within budget), Manufacturer-rated durability; TBW (Total Bytes Written) acceptable for server-use; good brand reputability, Fit motherboard/server with M.2 NVMe slot; firmware/driver support for file server OS (Windows Server, Linux, etc.),	2	2	30 Calendar Days
27.	Pocket WiFi, 4G LTE Pocket / MiFi router (openline, accepts any SIM), Download ~150 Mbps; Upload ~50 Mbps (or equivalent LTE Cat 4), Built-in rechargeable battery capable of ~4-6 hours runtime; decent standby time, LED / small display showing signal strength, battery status, data usage or WiFi status (optional),	1	1	30 Calendar Days
28.	External HDD, 1 TB External HDD, USB 3.0 (backwards compatible with USB 2.0), Basic shock protection; casing secure; cable included, USB cable (3.0), user manual / datasheet, possibly a protective pouch/case if available,	1	1	30 Calendar Days
29.	Web Camera, External USB Web Camera, 1920 × 1080 px @ 30 fps, USB 2.0 (Type-A) or USB-C (adapter allowed) — UVC (plug-and-play) compliant so no driver needed for standard OS, Universal clip for laptop/monitor + tripod thread (1/4") preferred,	4	4	30 Calendar Days

30.	Web Camera, 1920 × 1080 pixels (Full HD), 30 fps, Fixed focus lens; focus range from about 60 cm and beyond, Works with popular video conferencing apps (Zoom / Teams / Meet etc.); supports Windows 7/8/10+, macOS, Linux etc,	1	1	30 Calendar Days
31.	External SSD, 4 TB (high-capacity portable SSD), USB-C, USB 3.2 Gen 2 (backward compatible with USB-A using included adapter), Up to 1,000 MB/s read and up to 900 MB/s write (sequential), Shock-resistant casing with basic water- and dust-resistance (minimum IP55), Includes USB-C to USB-C cable and USB-C to USB-A adapter, Bus-powered via USB port (no external power supply needed),	2	2	30 Calendar Days
32.	Uninterruptible Power Supply, 650 VA, minimum ~325 Watts usable output, Line-interactive or similar with Automatic Voltage Regulation (AVR) to handle voltage drops/spikes without switching to battery immediately, At least 4 battery-backup + surge protection outlets; more if available, Protection against overload, short circuit; surge protection built in; audible alarms for battery mode / overload / low battery,	1	1	30 Calendar Days
33.	Web Camera, 1920 × 1080 pixels @ 30 fps, 4× digital zoom (software/digital cropping), Autofocus; glass lens (or better); acceptable low-light performance if possible, USB-A plug-and-play; UVC compliance; driver-free for modern OS,	1	1	30 Calendar Days
34.	Unmanaged Switch, Minimum 24 RJ-45 Ethernet ports (mixed 10/100/1000 Mbps or 10/100 Mbps with at least 8 Gigabit uplinks), Unmanaged; plug-and-play; auto MDI/MDIX; auto-negotiation, IEEE 802.3, 802.3u, 802.3x (Flow Control); store-and-forward switching, At least 8 Gbps (if mixed) or 4.8 Gbps non-blocking	10	10	30 Calendar Days

	fabric, Desktop or rack-mount; fanless or low-noise design,			
35.	Wireless Router, Wi-Fi 6 (802.11ax), 2.4 GHz & 5 GHz dual-band, Minimum 4 x LAN 10/100/1000 Mbps ports, 1 x WAN port, WPA3, WPA2, Firewall, and Access Control,	10	10	30 Calendar Days
36.	Uninterruptible Power Supply, 3000VA / 1800–2000 Watts, Maintenance-free sealed lead-acid battery, Approx. 10–15 minutes at 50% load, Short circuit, overload, over-voltage, over-discharge, surge protection,	7	7	30 Calendar Days
37.	Printer, Color printer with built-in scanner, Up to A4 / Legal (8.5" x 14"), 1200 x 1200 dpi standard, up to 9600 x 600 dpi enhanced, USB, Ethernet, Wi-Fi; Compatible with Windows, Linux, Mac OS X, Google Chrome OS,	1	1	30 Calendar Days
38.	Network Router, IEEE 802.11b/g/n at 2.4 GHz, Up to 300 Mbps (2.4 GHz), At least 4 x 10/100 Mbps LAN ports, and 1 x 10/100 Mbps WAN port, WPA / WPA2 encryption; ability to change SSID/password; basic firewall/NAT; WPS optional,	1	1	30 Calendar Days
	LOT 3			
1.	Wireless Microphone with Receiver Speaker, Set includes 2 handheld wireless microphones and 1 dual-channel receiver, Head type: Dynamic capsules, suitable for vocals, Range: Minimum 30 meters (line of sight) reliable operation, Power: Microphones – rechargeable or AA/AAA battery (≥6–8 hours operation). Receiver – DC adapter or USB-powered,	4	4	30 Calendar Days
2.	Mixer, Analog mixer with at least 8 input channels (mic/line and stereo), 2 XLR mic inputs (with 48 V phantom power), 2–4 stereo line inputs, At least 1 aux send per channel, FX return optional, Buses: at least Main L/R and one subgroup or control bus,	1	1	30 Calendar Days

3.	Portable Microphone Stand, Height range: approx. 90–140 cm (adjustable), similar to 1.4 m stand, Sturdy metal tubing, collapsible for portability, Base: Tripod legs with non-slip rubber feet for stability, Boom Arm (optional): If included, up to ~80 cm, adjustable,	2	2	30 Calendar Days
4.	Microphone Stand, Height range: ~90 cm to ≥ 150 cm (adjustable vertical tube), Boom arm: Extendable/horizontal arm (~60–80 cm reach), with swivel/joint for angle adjustment, Durable metal (steel or aluminum alloy) tubing; heavy-duty tripod base for stability; non-slip rubber feet,	2	2	30 Calendar Days
5.	Portable Speaker with Wireless Microphone, Portable speaker with built-in amplifier and Bluetooth (and/or aux USB) input, Includes wireless microphone—either built-in receiver or dedicated mic included, Rechargeable battery with ≥ 4 hours continuous playback; multimedia and mic use,	1	1	30 Calendar Days
6.	Multimedia Speaker, 2.0 stereo speakers (or compact 2.1 with sub) suitable for desktop PC/laptop use, USB power and/or 3.5 mm AUX input. Bluetooth optional if within budget, Output: Minimum 2–4 W RMS per channel; compact Bluetooth-enabled options are acceptable,	1	1	30 Calendar Days
7.	Speaker, Compact 2.0 stereo speakers suitable for desktop use, Inputs: 3.5 mm AUX for audio; USB power (5 V) or optional DC adapter, Audio Output: Minimum 2 W RMS per speaker (or specified equivalent),	5	5	30 Calendar Days
8.	Wired Stereo Headset, Stereo audio output via 3.5 mm plug (single or dual), Includes attached microphone (boom or in-line) for voice input, Cable length: minimum 1.5 m,	5	5	30 Calendar Days
9.	Projector, Display type / Technology: 3-chip LCD / 3LCD (or equivalent), Native Resolution:	8	8	30 Calendar Days

	XGA (1024 × 768), 3,300 lumens (white/colour) (ANSI or manufacturer spec), Contrast Ratio: 15,000 : 1 (or vendor equivalent), Input connectivity (minimum): 1 × D-Sub 15-pin (VGA) input; 1 × HDMI input; 1 × USB Type-B (for firmware update / copy OSD / USB display), Built-in speaker, AV/monitor outputs as applicable. USB Type-A (for optional wireless dongle/USB memory) optional,			
10.	Portable Party Speaker, Portable party speaker with built-in rechargeable battery (≥10 hrs playtime)., Included: two digital wireless microphones (with echo, bass, treble controls), Splash-proof design (IPX4 or equivalent), Bluetooth playback; USB/mic inputs/outputs as applicable,	1	1	30 Calendar Days
11.	Digital Camera, Sensor: Small format (e.g., 1/2.3" CMOS or similar), ≥12–16 MP, Optical zoom ≥3× (approx. 24–72 mm eq. or similar). Fast aperture like f/1.8–2.8 or 1.0" sensor will not be available in this price band, 2.7"–3.0" LCD (fixed or basic tilt). Capacitive multi-angle touchscreen is unlikely at this price; accept non-touch or single-axis tilt, 3.5mm mic or no mic; USB (charging/data); HDMI out optional,	1	1	30 Calendar Days
12.	Portable Party Speaker, 8-inch Woofer with Bass Enhancement, Minimum 60W RMS, at least 1 Wireless Microphone included for Karaoke, Rechargeable lithium battery, ≥3000mAh, up to 5–6 hours playback, Master Volume, Bass/Treble, Mic Volume, Echo Control,	1	1	30 Calendar Days
13.	Headphone, Over-ear, wired USB headset, Minimum 1.8 meters, tangle-free cable, Microphone Type: Bi-directional, noise-cancelling, Sensitivity Headphone: 115 dB ± 3 dB; Microphone: -42 dBV/Pa ± 3 Db,	4	4	30 Calendar Days

14.	Audio Mixer, Minimum 6 input channels (Mic/Line compatible), Inputs: XLR / ¼" combo inputs for microphones and line instruments; Stereo line inputs for external audio sources, Reverb/Echo/Delay effects (optional, but preferable for vocal clarity), +48V for condenser microphones (switchable) phantom power,	1	1	30 Calendar Days
15.	Audio Mixer Cable, Standard 3-Pin XLR Male to 3-Pin XLR Female, 10 meters (suitable for boardroom and conference audio setups), Oxygen-Free Copper (OFC) for high-quality audio transmission, Dual shield (braided copper + aluminum foil) for reduced interference and noise,	2	2	30 Calendar Days
16.	Audio Mixer Cable, Male 3-Pin XLR to 3.5mm Stereo Plug (TRS), 3 meters (suitable for short-distance boardroom audio setups), Oxygen-Free Copper (OFC) for clear audio transmission Aluminum foil + braided copper shielding to minimize interference,	2	2	30 Calendar Days
17.	Drone, Foldable aerial drone, under 250 g, Sensor: Sony 1/2.6" CMOS, 12 MP effective resolution, 4K (3840×2160) @ 24 / 25 / 30 fps; 1080p @ 90 fps supported, 2400 mAh Li-ion battery (~2S / 7.2 V); Flight time approx. 30 minutes, Transmission & range up to 8 km, GPS/GLONASS/Beidou supported, with features like Return-to-Home, No-Fly Zone alerts,	1	1	30 Calendar Days
18.	Portable Speaker, Portable Party / PA Speaker — battery powered, portable, Output Power: Minimum 100 W RMS (or manufacturer-rated equivalent; state peak power), Rechargeable battery; ≥6–12 hours typical playback (depends on usage/volume), Bluetooth (A2DP), USB playback, TF card slot, 3.5 mm AUX in, RCA or 6.35 mm mic/guitar input(s), Built-in handle(s), trolley/wheels or grab-	5	5	30 Calendar Days

	and-go handle preferred; splash-resistant (IPX4) preferred,			
19.	Megaphone, Acoustic range: Up to 35 m, Max output power: 30 W (rated), Rechargeable 12 V lithium battery pack and/or option for 8 × Type-C cells; include charging adapter and car-adapter compatibility if available. State battery capacity (mAh), nominal voltage and estimated continuous talk time per charge, Detachable hand-mic or built-in mic; volume control; talk/record/play (if supported); siren/whistle function optional but preferred,	3	3	30 Calendar Days
20.	Speaker, Minimum 12" woofer, preferably 15" for wide coverage, Rechargeable lithium-ion with ≥8 hours continuous use, 12 V internal pack, Bluetooth, USB, TF/SD card, AUX in, Mic in, Guitar in,	1	1	30 Calendar Days
21.	Trolley Speaker, Portable rechargeable trolley PA / party speaker (wheels + retractable handle), ~500 W (manufacturer-rated peak/PMPO; bidder must state continuous RMS rating), Minimum 12" woofer (12"–15" preferred) with dedicated tweeter / compression driver (2-way or full-range design),	1	1	30 Calendar Days
22.	Projector, Native resolution 800 × 600 (SVGA); supports up to 1920 × 1200, UHP/lamp with typical lamp life ≥6,000 h (normal mode), ≥10,000 h (eco mode), ≥15,000 h (extreme mode), Fixed/zoom lens; throw ratio approx. 1.94–2.16, Built-in speaker (≥3 W mono) or line-out for external speaker,	1	1	30 Calendar Days
23.	Camera, Sensor: APS-C format CMOS, ≈24 MP effective pixels (or equivalent), Included interchangeable zoom lens ~18–55 mm (or equivalent kit lens) with image stabilization if available, Image Processor: Vendor-stated current-generation DSLR processor, ISO Range: Auto + manual range, e.g. ISO 100–6400 (expandable) —	1	1	30 Calendar Days

	vendor to state exact range, Full HD 1080p @ 30/60 fps capability (vendor to specify exact modes),			
24.	Projector, 3-chip 3LCD (preferred) or single-chip DLP with equivalent color performance, XGA (1024 × 768) — 4:3 aspect ratio; supports common input resolutions (up to 1920×1200), Minimum 2 × HDMI inputs (dual HDMI), 1 × VGA (D-Sub 15), 1 × USB Type-A (media/firmware), USB Type-B (PC), audio in/out, and optional RJ-45 for network control, UHP / lamp or laser with stated lamp life (e.g., 6,000 h normal / 10,000 h eco),	1	1	30 Calendar Days
25.	. White Screen, Screen Size: 120-inch diagonal (~2430 mm wide × 1820 mm high); Accept ±5% tolerance., White matte fiber or PVC screen surface with gain around 1.0; fire-retardant treated preferred, Freestanding tripod with manual pull-down and lock mechanism; stable even when extended to full height,	1	1	30 Calendar Days
26.	Drone Battery, Model number (for reference only): BWX260-5000-15.4 (reference model; bidders may offer OEM or manufacturer-approved equivalent), 5000 mAh (nominal), Charging Temperature Range: 5 °C – 40 °C (41 °F – 104 °F) (vendor must state charging & storage temperature limits),	1	1	30 Calendar Days
27.	Zoom Lens, EF-S 18-55mm, f/4-5.6 IS STM kit lens, Image Sensor: Approx. 24.1 megapixels APS-C CMOS sensor (for Mirrorless (EOS M) Camera),	1	1	30 Calendar Days
28.	Camera Battery, Lithium-Ion rechargeable battery, Model Reference: NP-FZ100 (compatible with Sony α7 III, α7R III, α9, A6600, etc.) — vendor may offer verified OEM or authorized equivalent, Capacity: ≈2280 mAh, 7.2 V nominal voltage, High-capacity Z-series Li-Ion pack;	1	1	30 Calendar Days

	InfoLITHIUM support required for battery status display on camera,			
29.	Camera Battery Charger, AC charger for NP-FZ100 Li-ion battery pack, ≈150 minutes to fully charge one NP-FZ100 (vendor to state exact rating), Over-charge, short-circuit and temperature protection; CE/FCC-type compliance (vendor to state),	1	1	30 Calendar Days
30.	Camera Bag, Camera Bag for Sony ILCE-7M3K Mirrorless Camera, Durable polyester fabric, water-resistant exterior with padded interior for impact protection, Main compartment for mirrorless body + kit lens, additional padded divider for lens or accessories, Fits Sony ILCE-7M3K with 18–55mm kit lens attached (internal ~150 × 120 × 90 mm),	1	1	30 Calendar Days
31.	Heavy Duty Tripod, Max Extended Height: 78.4 inches (199 cm), 15 inches (38 cm) folded length for compact storage and travel, 360° ball head with quick-release plate for smooth panning and tilting, 4-section legs with flip/quick locks for easy adjustment,	1	1	30 Calendar Days
32.	Heavy Duty Adjustable Backdrop Stand, Adjustable up to 10 ft. (W) × 10 ft. (H), Adjustable up to 10 ft. (W) × 10 ft. (H), Telescopic, extendable up to 10 ft. wide, collapsible for transport, Two heavy-duty spring clamps included for securing backdrop cloths,	1	1	30 Calendar Days
33.	Battery Pack for Camera, Rechargeable Lithium-Ion (Li-ion), Designed for Canon EOS M50 Mark II and other cameras supporting LP-E12, Charging Temperature Range: 0°C to 40°C (32°F to 104°F); Operating Temperature Range: 0°C to 40°C (32°F to 104°F), Overcharge, over-discharge, over-voltage, and short-circuit protection,	1	1	30 Calendar Days
34.	Camera Flash, Universal mount, supports Canon, Nikon, Sony, Olympus, Panasonic cameras,	1	1	30 Calendar Days

	Transmission Styles: Optical transmission for stable illumination; 2.4G wireless transmission, all-in-one features, effective range up to 100 meters, Flash Functions: TTL auto exposure supported; HSS (High Speed Sync): up to 1/8000s; FEC (Flash Exposure Compensation); Front & Rear curtain sync; Multi-flash (stroboscopic); Manual flash control, Power Levels: 22 stages (1/1 to 1/128),			
--	--	--	--	--

[Use this form for Framework Agreement:]

Framework Agreement List

Limited to repeatedly required goods and services that are identified to be necessary and desirable, but, by its nature, use or characteristic, the quantity and/ or exact time of need cannot be accurately pre-determined and are not advisable to be carried in stock.

Prepared by the End-User, attached to the APP and submitted to the BAC for the approval of the HOPE.

FRAMEWORK AGREEMENT LIST (AGENCY)				
	<i>Item / Service</i> <i>Type and nature of each item/service</i>	<i>Cost per item or service</i>	<i>Maximum Quantity</i>	<i>Total Cost per Item</i>
TOTAL (Approved Budget for the Contract)				
<i>Expected delivery timeframe after receipt of a Call-Off.</i>		<i>Within [no. of days] calendar days upon issuance of Call-off .</i>		
<i>Remarks</i>		<i>Indicate here any other appropriate information as may be necessary.</i>		
SIGNATURE OVER PRINTED NAME		POSITION	DEPARTMENT/DIVISION	

Section VII. Technical Specifications

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.

In case of Renewal of Regular and Recurring Services, the Procuring Entity must indicate here the technical requirements for the service provider, which must include the set criteria in the conduct of its performance evaluation.

Technical Specifications

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

Technical Specifications

Lot 1 ICT Equipment – 9,926,765.10

Item	Specification	Statement of Compliance
1. Desktop Computer, 5 units, branded and complies with the following technical specifications:	ABC – 325,000.00	
1.1	Intel Core i7-12700 2.1GHz (25M Cache, up to 4.9 GHz, 12 cores) Processor cache, 10 cores, 16 threads	
1.2	8GB DDR4 Memory	
1.3	1TB HDD + 256GB M.2 NVMe PCIe 3.0 SSD	
1.4	GeForce GT1030 2GB : 1x DVI, 1x HDMI	
1.5	Optical Drive (Internal or External)	
1.6	Wi-Fi 6 (802.11ax) (Dual band) 2*2 + Bluetooth 5.2	
1.7	Optical Drive (Internal or External)	
1.8	with Mouse and Keyboard	
1.9	21.5" LED Monitor FHD	
1.10	With licensed Operating System 64bit	
1.11	Includes product brochure and manual	
1.12	With one year warranty on parts and labor	
1.13	The top 5 computer brands by worldwide market share (must include atleast 3 references)	
2. CCTV 4 sets, brand new and complies with the following technical specifications:	ABC – 390,720.00 Antipolo (3sets) & Binangonan Campus (1)	
2.1	Digital Video Recorder (DVR) up to 8 MP, 16 channels with embedded internet connection with HDMI and VGA out	
2.2	2TB Surveillance-grade SATA HDD, optimized for 24/7 recording	
2.3	8 pcs CCTV Camera, HD 1080P with 2-5 mega pixel with built-in infrared light for 50 meters 3.6 mm Lens, Bullet Type IP66 colored viewing at night,	
2.4	Includes LAN cables, connectors, power supply, wall mounts, screws, junction boxes, etc.	
2.5	30" LED Monitor, Full HD, HDMI/VGA input	
2.6	Includes Installation, product brochures and manuals	
2.7	With 1 year warranty on parts and labor	
3. Desktop Computer, 3 units, branded and complies with the	ABC – 195,000.00	

following technical specifications:		
3.1	Intel Core i5-13500 (13th Gen), 14 cores 2.5 GHz up to 4.8 GHz, 24MB Cache	
3.2	8GB DDR4-3200 MHz	
3.3	512GB PCIe NVMe TLC M.2 Solid State Drive (SSD)	
3.4	Intel® UHD Graphics 770	
3.5	Optical Drive (Internal or External)	
3.6	23.8" LED IPS Monitor, FHD 1920x1080, HDMI + VGA	
3.7	Integrated 10/100/1000 GbE LAN, Realtek or Intel® based chipset	
3.8	With mouse and keyboard	
3.9	With licensed Operating System 64bit	
3.10	Includes product brochure and manual	
3.11	With one year warranty on parts and labor	
3.12	The top 5 computer brands by worldwide market share (must include atleast 3 references)	
4. Desktop Computer, 3 units, branded and complies with the following technical specifications:	ABC – 158,400.00	
4.1	Core i5-13500 14C 2.5GHz 3200MHz 65W (2.5GHz, turbo up to 4.8GHz, 24MB cache, 14 cores)	
4.2	8GB 3200MHz DDR4	
4.3	512GB PCIe NVMe M.2	
4.4	Intel UHD Graphics 770	
4.5	USB 3.2, HDMI, DisplayPort	
4.6	LED monitor 24 inches, Full HD 1080p (1920×1080), FreeSync support, VESA mount, HDMI + DisplayPort connectivity	
4.7	Stereo speakers (3W x 2), HD Audio, Realtek ALC256	
4.8	with UPS 650VA / 360 Watts , Universal outlets (220V)	
	With Wireless Mouse and Keyboard	
4.9	With licensed Operating System 64bit	
4.10	Includes product brochure and manual	
4.11	With one year warranty on parts and labor	
4.12	The top 5 computer brands by worldwide market share (must include atleast 3 references)	
5. Desktop Computer, 6 units, branded and complies with the following technical specifications:	ABC – 390,000.00	
5.1	Intel Core i7-12700 2.1GHz (25M Cache, up to 4.9 GHz, 12 cores) Processor cache, 10 cores, 16 threads	

5.2	8GB DDR4 Memory	
5.3	1TB HDD + 256GB M.2 NVMe PCIe 3.0 SSD	
5.4	GeForce GT1030 2GB : 1x DVI, 1x HDMI	
5.5	Optical Drive (Internal or External)	
5.6	Wi-Fi 6 (802.11ax) (Dual band) 2*2 + Bluetooth 5.2	
5.7	Optical Drive (Internal or External)	
5.8	with Mouse and Keyboard	
5.9	21.5" LED Monitor FHD	
5.10	With licensed Operating System 64bit	
5.11	Includes product brochure and manual	
5.12	With one year warranty on parts and labor	
5.13	The top 5 computer brands by worldwide market share (must include atleast 3 references)	
6. Desktop Computer, 53 units, branded and complies with the following technical specifications:		
ABC – 4,240,000.00		
6.1	Intel Core i7-14700 2.1GHz (33MB Cache, up to 5.3GHz	
6.2	16GB DDR5 Memory	
6.3	1TB M.2 2280 NVMe PCIe 4.0 SSD	
6.4	NVIDIA GeForce GT1030 2GB VRAM	
6.5	Optical Drive (Internal or External)	
6.6	802.11AX WiFi 6 + Bluetooth 5.4GHz	
6.7	500W 80+ Bronze Power Supply	
6.8	with 24" FHD IPS Monitor 120Hz	
6.9	With mouse and keyboard	
6.10	With licensed Operating System 64bit	
6.11	Includes product brochure and manual	
6.12	With one year warranty on parts and labor	
6.13	The top 5 computer brands by worldwide market share (must include atleast 3 references)	
7. CCTV 2 sets, brand new and complies with the following technical specifications:		
ABC – 240,000.00		
7.1	Digital Video Recorder (DVR) up to 8 MP, 16 channels with embedded internet connection with HDMI and VGA out	
7.2	4TB Surveillance-grade SATA HDD, optimized for 24/7 recording	
7.3	8 pcs CCTV Camera, HD 1080P with 2-5 mega pixel with built-in infrared light for 50 meters 3.6 mm Lens, Bullet Type IP66 colored viewing at night	
7.4	Includes LAN cables, connectors, power supply, wall mounts, screws, junction boxes, etc.	

7.5	30" LED Monitor, Full HD, HDMI/VGA input	
7.6	Includes Installation, product brochures and manuals	
7.7	With 1 year warranty on parts and labor	
8. Laptop Computer, 2 unit, branded and complies with the following technical specifications:	ABC – 140,000.00	
8.1	M2 chip – 8-core CPU (4 performance cores + 4 efficiency cores), up to 3.5 GHz	
8.2	Integrated 8-core GPU	
8.3	16GB Unified Memory	
8.4	256GB SSD	
8.5	13.6-inch Liquid Retina display, 2560 × 1664 resolution, 500 nits brightness, wide color (P3), True Tone technology	
8.6	30W USB-C Power Adapter, USB-C to MagSafe 3 charging cable	
8.7	1080p FaceTime HD camera	
8.8	2 × Thunderbolt / USB 4 (Type-C), MagSafe 3 charging port, 3.5mm headphone jack	
8.9	Wi-Fi 6, Bluetooth 5.3	
8.10	Keyboard & Trackpad: Backlit Magic Keyboard with Touch ID, Force Touch trackpad	
8.11	With licensed Operating System	
8.12	Includes product brochure and manual	
8.13	With one year warranty on parts and labor	
8.14	The top 5 computer brands by worldwide market share (must include atleast 3 references)	
9. Laptop Computer, 4 units, branded and complies with the following technical specifications:	ABC – 300,000.00	
9.1	Core™ Ultra 7 155U (12 cores, 14 threads) 1.7 GHz up to 4.8 GHz, 12 MB L3 cache	
9.2	16 GB LPDDR5x-7467 MT/s (onboard)	
9.3	1 TB PCIe® Gen4 NVMe? M.2 SSD	
9.4	16-inch diagonal, 2K (1920 x 1200), IPS, micro-edge, anti-glare, 300 nits, 62.5% Srgb	
9.5	Intel UHD Graphics	
9.6	Wi-Fi 6E(802.11ax) (Dual band) 2*2 + Bluetooth 5.3	
9.7	USB keyboard + optical mouse	
9.8	With licensed Operating System 64bit	
9.9	Includes product brochure and manual	
9.10	With one year warranty on parts and labor	

9.11	The top 5 computer brands by worldwide market share (must include atleast 3 references)	
10. Desktop Computer 2 units, branded and complies with the following technical specifications:	ABC – 140,000.00	
10.1	Intel® Core™ i7-12700, 12th Gen, 12 cores (8P + 4E) / 20 threads, Base Frequency: 2.1 GHz, Max Turbo: up to 4.9 GHz, 25MB Intel® Smart Cache	
10.2	8GB DDR4-3200 U-DIMM	
10.3	1TB HDD + 256GB M.2 NVMe PCIe 3.0 SSD	
10.4	21.5 inch FHD (1920 x 1080) 16:9	
10.5	NVIDIA GeForce GT1030 2GB : 1x DVI, 1x HDMI	
10.6	Optical Drive (Internal or External)	
10.7	Wi-Fi 6(802.11ax) (Dual band) 2*2 + Bluetooth 5.2	
10.11	300W–350W, 80 PLUS Bronze certified	
10.12	With USB Keyboard and Mouse	
10.13	With licensed Operating System 64bit	
10.14	Includes product brochure and manual	
10.15	With one year warranty on parts and labor	
10.16	The top 5 computer brands by worldwide market share (must include atleast 3 references)	
11. Laptop Computer, 1 unit, branded and complies with the following technical specifications:	ABC – 75,000.00	
11.1	Intel® Core™ i5-12450H (12th Gen), 8 cores (4 P-cores + 4 E-cores) / 12 threads, 2.0 GHz up to 4.40 GHz, 12 MB Intel® Smart Cache.	
11.2	16 GB DDR4-3200	
11.3	512 GB M.2 PCIe NVMe SSD	
11.4	15.6-inch Full HD (1920 × 1080) IPS, 144 Hz refresh rate, anti-glare, ~250 nits brightness	
11.5	NVIDIA® GeForce® RTX™ 4050 Laptop GPU, 6 GB GDDR6	
11.6	HD Camera 720p + Microphone	
11.7	4-cell, 70 Wh Li-ion polymer; battery life rated up to ~8 hrs 30 mins	
11.8	Gigabit Ethernet (RJ-45); Wi-Fi 6 (802.11ax) 2×2 and Bluetooth	
11.9	USB-C, multiple USB-A ports, HDMI output, RJ-45, headphone/mic combo jack	
11.10	With licensed Operating System 64bit	
11.11	Includes product brochure and manual	
11.12	With one year warranty on parts and labor	

11.13	The top 5 computer brands by worldwide market share (must include atleast 3 references)	
12. Desktop Computer , 1 unit, branded and complies with the following technical specifications:	ABC – 47,999.00	
12.1	Intel® Core™ i3-14100 Processor 3.5GHz (12MB Cache, up to 4.7GHz, 4 cores, 8 Threads)	
12.2	8GB DDR5 U-DIMM	
12.3	512GB PCIe® 4.0 NVMe™ M.2 SSD	
12.4	23.8-inch FHD (1920x1080) Monitor	
12.5	Intel UHD Graphics	
12.6	Wi-Fi 6E(802.11ax) (Dual band) 2*2 + Bluetooth 5.3	
12.7	With USB mouse and keyboard	
12.8	With licensed Operating System 64bit	
12.9	Includes product brochure and manual	
12.10	With one year warranty on parts and labor	
12.12	The top 5 computer brands by worldwide market share (must include atleast 3 references)	
13. Printer, 1 unit, brand new and complies with the following technical specifications:	ABC – 52,000.00	
13.1	Print, Scan, Copy, Fax with ADF	
13.2	Print up to A3+ (for simplex)	
13.3	Fast print speeds up to 17.0 ipm for black and 9.0 ipm for colour	
13.4	Ultra-high page yield of up to 7,500 pages (black) and 6,000 pages (colour)	
13.5	Wi-Fi / Wi-Fi Direct / USB 2.0 / Ethernet	
13.6	Auto-duplex print up to A4 size (2-sided printing)	
13.7	Flatbed Scan & Copy, up to legal size	
13.8	2.7" Colour LCD Touch Screen	
13.9	Up to 35 sheets ADF (Auto Document Feeder)	
13.10	Compact integrated ink tank design, spill-free ink refilling	
13.11	Borderless printing up to 4R	
13.12	Powered by Heat-Free Technology	
13.13	With Warranty of 2 years or 80,000 pages, whichever comes first	
14. All in one desktop computer, 1 unit, branded and complies	ABC – 75,000.00	

with the following technical specifications:		
14.1	Intel® Core™ Ultra 5 125U (up to 4.3 GHz, 12 MB L3 cache, 12 cores, 14 threads) + Intel® Iris® Xe Graphics	
14.2	16 GB DDR5-5600 MHz RAM (2 x 8 GB)	
14.3	Intel® Iris® Xe Graphics	
14.4	Output Voltage: 220 / 230 / 240 VAC ±1%	
14.5	27" diagonal, FHD (1920 x 1080), IPS, three-sided micro-edge, anti-glare, 300 nits, 99% sRGB Non-touch screen	
14.6	Camera 1080p FHD IR + integrated dual array digital microphones	
14.7	512 GB PCIe® NVMe™ M.2 SSD	
14.8	90 W AC power adapter	
14.9	With Keyboard and mouse combo	
14.10	With 1 Headphone/ microphone combo	
14.11	Realtek Wi-Fi 6 (1x1) and Bluetooth® 5.3 wireless card	
14.13	With licensed Operating System 64bit	
14.14	Includes product brochure and manual	
14.15	With one year warranty on parts and labor	
14.16	The top 5 computer brands by worldwide market share (must include atleast 3 references)	
15. Laptop Computer, 5 units, branded and complies with the following technical specifications:	ABC – 375,000.00	
15.1	Intel® Core™ i5-12450H (12th Gen), 8 cores (4 P-cores + 4 E-cores) / 12 threads, 2.0 GHz up to 4.40 GHz, 12 MB Intel® Smart Cache.	
15.2	16 GB DDR4-3200	
15.3	512 GB M.2 PCIe NVMe SSD	
15.4	15.6-inch Full HD (1920 × 1080) IPS, 144 Hz refresh rate, anti-glare, ~250 nits brightness	
15.5	NVIDIA® GeForce® RTX™ 4050 Laptop GPU, 6 GB GDDR6	
15.6	4-cell, 70 Wh Li-ion polymer; battery life rated up to ~8 hrs 30 mins	
15.7	Gigabit Ethernet (RJ-45); Wi-Fi 6 (802.11ax) 2×2 and Bluetooth	
15.8	USB-C, multiple USB-A ports, HDMI output, RJ-45, headphone/mic combo jack	
15.9	Wide Vision 720p HD camera with temporal noise reduction	
15.10	With licensed Operating System 64bit	
15.11	Includes product brochure and manual	
15.12	With one year warranty on parts and labor	

15.13	The top 5 computer brands by worldwide market share (must include atleast 3 references)	
16. Desktop Computer , 1 unit branded and complies with the following technical specifications:	ABC – 55,000.00	
16.1	Core i5-13500 14C 2.5GHz 3200MHz 65W (2.5GHz, turbo up to 4.8GHz, 24MB cache, 14 cores)	
16.2	8GB 3200MHz DDR4	
16.3	512GB PCIe NVMe M.2	
16.4	Intel UHD Graphics 770	
16.5	USB 3.2, HDMI, DisplayPort	
16.6	LED monitor 24 inches, Full HD 1080p (1920×1080), FreeSync support, VESA mount, HDMI + DisplayPort connectivity	
16.8	Stereo speakers (3W x 2), HD Audio, Realtek ALC256	
16.9	with UPS 650VA / 360 Watts , Universal outlets (220V)	
16.10	With Wireless Mouse and Keyboard	
16.11	With licensed Operating System 64bit	
16.12	Includes product brochure and manual	
16.13	With one year warranty on parts and labor	
16.14	The top 5 computer brands by worldwide market share (must include atleast 3 references)	
17. Laptop Computer , 1 unit branded and complies with the following technical specifications:	ABC – 95,000.00	
17.1	Core i7-13620H — 13th Gen, 14 Cores (6P + 8E), 24MB Cache, 2.4GHz base, up to 5.0GHz boost	
17.2	16GB DDR5-4800 SO-DIMM	
17.3	512GB PCIe® 4.0 NVMe™ M.2 SSD	
17.4	15.6" FHD (1920x1080), IPS-level, 144Hz, Anti-glare, sRGB 100%, AdobeRGB 75.35%, G-Sync, MUX Switch	
17.5	NVIDIA® GeForce RTX™ 4050 6 GB GDDR6	
17.6	720p HD camera with Mic Support Built-in AI noise-canceling microphone	
17.7	Wi-Fi 6 (802.11ax) Dual-Band 2x2 + Bluetooth 5.1/5.2	
17.8	- 1 × 3.5 mm combo audio jack - 1 × HDMI 2.1 (FRL) - 2 × USB 3.2 Gen 1 Type-A (5 Gbps) - 1 × USB 3.2 Gen 2 Type-C (w/ DisplayPort / Power Delivery / G-SYNC) - 1 × Thunderbolt™ 4 (DisplayPort, up to 40 Gbps) - RJ-45 LAN port	

17.9	90 Wh, 4-cell Li-ion pack	
17.10	With licensed Operating System 64bit	
17.11	Includes product brochure and manual	
17.12	With one year warranty on parts and labor	
17.13	The top 5 computer brands by worldwide market share (must include atleast 3 references)	
18. Wireless Microphone, 2 sets brand new and complies with the following technical specifications:	ABC – 106,590.00	
18.1	Analog UHF diversity	
18.2	Max systems per frequency band (region dependent): Up to 12 simultaneously	
18.3	Max operating (line-of-sight) range: ≈ 300 ft / 91.4 m	
18.4	Dynamic range: ~ 100 dB (A-weighted) typical	
18.5	Dual-channel tabletop receiver with internal antennas	
18.6	2 $\times$ XLR balanced, 2 $\times$ ¼-inch TS unbalanced	
18.7	XLR: -27 dBV (mic level); ¼-inch: -13 dBV (instrument/unbalanced)	
18.8	XLR outputs $\sim 200 \Omega$; ¼-inch $\sim 50 \Omega$	
18.9	~ 50 Hz to 15 kHz	
18.10	External AC/DC adapter; input ~ 100 -240 VAC (region dependent) to supply ~ 12 -15 V DC to receiver;	
18.11	Handheld transmitters with built-in SM58 capsule	
18.12	Battery type: 2 $\times$ AA (alkaline)	
18.13	With microphone stand	
18.14	With 1 year warranty	
19. Desktop Computer , 2 units branded and complies with the following technical specifications:	ABC –150,000.00	
19.1	Intel® Core™ i7-12700, 12th Gen, 12 cores (8P + 4E) / 20 threads, Base Frequency: 2.1 GHz, Max Turbo: up to 4.9 GHz, 25MB Intel® Smart Cache	
19.2	8GB DDR4-3200 U-DIMM	
19.3	1TB HDD + 256GB M.2 NVMe PCIe 3.0 SSD	
19.4	21.5 inch FHD (1920 x 1080) 16:9	
19.5	NVIDIA GeForce GT1030 2GB : 1x DVI, 1x HDMI	
19.6	Optical Drive (Internal or External)	
19.7	Wi-Fi 6(802.11ax) (Dual band) 2*2 + Bluetooth 5.2	
19.8	300W–350W, 80 PLUS Bronze certified	
19.9	With USB Keyboard and Mouse	
19.10	With licensed Operating System 64bit	
19.11	Includes product brochure and manual	
19.12	With one year warranty on parts and labor	

19.13	The top 5 computer brands by worldwide market share (must include atleast 3 references)	
20. Desktop Computer , 4 units branded and complies with the following technical specifications:	ABC – 225,000.00	
20.1	Core i5-13500 14C 2.5GHz 3200MHz 65W (2.5GHz, turbo up to 4.8GHz, 24MB cache, 14 cores)	
20.2	8GB 3200MHz DDR4	
20.3	512GB PCIe NVMe M.2	
20.4	Intel UHD Graphics 770	
20.5	USB 3.2, HDMI, DisplayPort	
20.6	LED monitor 24 inches, Full HD 1080p (1920×1080), FreeSync support, VESA mount, HDMI + DisplayPort connectivity	
20.7	Stereo speakers (3W x 2), HD Audio, Realtek ALC256	
20.8	with UPS 650VA / 360 Watts , Universal outlets (220V)	
20.9	With Wireless Mouse and Keyboard	
20.10	With licensed Operating System 64bit	
20.11	Includes product brochure and manual	
20.12	With one year warranty on parts and labor	
20.13	The top 5 computer brands by worldwide market share (must include atleast 3 references)	
21. Laptop Computer , 9 units, branded and complies with the following technical specifications:	ABC – 534,588.30	
21.1	Core i5-12450HX, 8C (4P + 4E) / 12T, P-core up to 4.4GHz, E-core up to 3.1GHz, 12MB	
21.2	16GB SO-DIMM DDR5-4800	
21.3	512GB SSD M.2 2242 PCIe 4.0x4 NVMe	
21.4	15.6" FHD (1920x1080) IPS 300nits Anti-glare, 100% sRGB, 144Hz	
21.5	NVIDIA GeForce RTX 3050 6GB GDDR6	
21.6	HD Camera 720p (Privacy Shutter) + Microphone 2x, Array	
21.7	Stereo speakers, 2W x2, optimized with Nahimic Audio	
21.8	57Wh Battery + 135W Slim Tip (3-pin) power adapter	
21.9	Wi-Fi® 6, 802.11ax 2x2 + BT5.2	
21.10	2x USB-A (USB 5Gbps / USB 3.2 Gen 1) 1x USB-C® (USB 5Gbps / USB 3.2 Gen 1), data transfer only 1x HDMI® 2.1, up to 8K/60Hz 1x Headphone / microphone combo jack (3.5mm) 1x Ethernet (RJ-45) 1x Card reader	

	1x Power connector	
21.11	With licensed Operating System 64bit	
21.12	Includes product brochure and manual	
21.13	With one year warranty on parts and labor	
21.14	The top 5 computer brands by worldwide market share (must include atleast 3 references)	
22. Desktop Computer , 2 units branded and complies with the following technical specifications:	ABC – 133,000.00	
22.1	Intel® Core™ i5-14400 Processor 2.5GHz (20MB Cache, up to 4.7GHz, 10 cores, 16 Threads)	
22.2	16GB DDR5 U-DIMM	
22.3	1TB M.2 2280 NVMe PCIe 4.0 SSD	
22.4	23.8” FHD (1920x1080) Monitor	
22.5	Intel UHD Graphics	
22.6	Wi-Fi 6E(802.11ax) (Dual band) 2*2 + Bluetooth 5.3	
22.7	With USB Keyboard and Mouse	
22.8	With licensed Operating System 64bit	
22.9	Includes product brochure and manual	
22.10	With UPS 650Va	
22.11	With one year warranty on parts and labor	
22.12	The top 5 computer brands by worldwide market share (must include atleast 3 references)	
23. Printer, 1 unit brand new and complies with the following technical specifications:	ABC – 50,000.00	
23.1	Impact dot matrix, 24-pin, narrow/wide carriage	
23.2	High Speed Draft (10 cpi): up to 576 characters per second (cps)	
23.3	Print Resolution: Up to 360 × 180 dp	
23.4	Columns: 136 columns (at 10 cpi)	
23.5	Character Sets: 13 international character sets + 1 legal character set, 5 character tables including Italic and PC437	
23.6	Paper Handling: Paper feed, friction feed, push tractor, pull tractor, cut-sheet feeder (optional), roll paper holder (optional)	
23.7	Paper types supported: continuous paper, single sheets, labels, envelopes, card stock	
23.8	Paper size: from 101.6 × 152.4 mm (min) up to 406.4 mm width continuous forms	
23.9	Print head life: approx. 400 million strokes per wire	

23.10	Ribbon life: approx. 15 million characters (Draft, 10 cpi, 48 dots/character)	
23.11	Parallel (IEEE-1284 nibble mode supported), USB 2.0 Optional: Type-B slot for additional interfaces (e.g., Serial, Ethernet)	
23.12	AC 220–240 V	
23.13	Includes product brochure and manual	
23.14	With one year warranty on parts and labor	
24. Camera Lens, 1 unit brand new and complies with the following technical specifications:	ABC – 180,000.00	
24.1	Focal length: 70–200 mm (35mm full frame). Equivalent on APS-C: 105–300 mm.	
24.2	Maximum aperture: f/2.8 (constant). Minimum aperture: f/22	
24.3	Format: 35 mm full-frame. Mount: Sony E-mount.	
24.4	Weight: approx. 1,045 g (36.9 oz).	
24.5	Dimensions (D × L): 88 × 200 mm (3.5 × 7.9 in).	
24.6	Optical features: XA and aspherical element(s), 2× ED + 2× Super ED, Nano AR Coating II, 11-blade circular diaphragm.	
24.7	AF / drive: Four XD linear motors	
24.8	Stabilization: Optical SteadyShot (OSS).	
24.9	Weather sealing: Dust & moisture resistant.	
24.10	Minimum focus distance: 0.4 m (wide) – 0.82 m (tele)	
24.11	Filter size: 77 mm	
24.12	With Lens hood (petal), front cap, rear cap, soft case, detachable tripod mount/collar.	
24.13	Includes product brochure and manual	
24.14	With one year warranty on parts and labor	
25. Uninterruptable Power Supply, 3 units brand new and complies with the following technical specifications:	ABC – 240,000.00	
25.1	UPS Type / Topology: Double Conversion On-Line, Pure Sine Wave output.	
25.2	Rated Power VA: 3,000 VA Watts: 2,700 W (100 % load)	
25.3	Input Voltage & Range: Nominal: 230 V Other nominal options: 220 V / 240 V • Input Voltage Tolerance: ~180-285 V full load; lower voltage range wider at partial load (e.g. ~110-285 V) 50 / 60 Hz ±3 Hz (sync to mains)	

25.4	230 V nominal; configurable for 220 / 230 / 240 V output as required.	
25.5	Output Outlets: 6 × IEC 60320 C13 • 1 × IEC 60320 C19	
25.6	Bypass / Overload Protection: Internal bypass (automatic and manual) provided.	
25.7	Harmonic Distortion (Output THD): ≤ 3% at full load (non-linear loads)	
25.8	Battery: Lead-acid battery • Battery Voltage: 72 V Battery Recharge Time: Approx. 4 hours to full recharge from flat-battery condition.	
25.9	Runtime Examples: At full load (2,700 W): ~ ~ 2 min 54 s	
25.10	Certifications & Standards: Compliant with CE, UKCA, TISI; meets EN/IEC 62040-1 (safety), EN/IEC 62040-2 (EMC)	
25.11	Surge energy rating ~945 Joules	
	LCD status and control console; Intelligent Card Slot for optional network / management card; USB and RS-232 interface for configuration / monitoring.	
25.12	With Warranty of 2 years repair or replace	
26. Desktop Computer , 1 unit brand new and complies with the following technical specifications:	ABC – 194,870.00	
26.1	AMD Ryzen 9 7900, 12 cores / 24 threads, AM5, 65 W	
26.2	360 mm Liquid CPU Cooler (All-in-One) 3 × 120 mm RGB Magnetic Levitation PWM fans, Compatible: AM5, AM4, LGA1700, LGA1200/115x	
26.3	AM5 ATX, X670 or B650E chipset, PCIe 5.0, Wi-Fi 6/6E, 4× DDR5 slots	
26.4	64 GB DDR5-6000, CL30, 1.4 V RAM	
26.5	NVIDIA RTX 4070 SUPER 12GB	
26.6	1 TB NVMe Gen4 SSD with DRAM, ~7000/5000 MB/s + 2 TB SATA HDD, 7200 rpm, ~256 MB cache	
26.7	1000 W, 80+ Gold, fully modular, ATX 3.0 PCIe 5.0 ready	
26.8	Chassis: ATX Mid-Tower, airflow optimized (mesh), tempered glass, includes 2× 120 mm fans	
26.9	27" QHD 1440p, IPS, 165 Hz+, HDR10, DP+HDMI, ergonomic stand	
26.10	Mechanical hot-swappable, RGB backlit, wireless/USB, QMK/VIA support Mouse and Keyboard	
26.11	1200 VA / 650 W line-interactive UPS with AVR	
26.12	With licensed Operating System 64bit	
26.13	Includes product brochure and manual	

26.14	With one year warranty on parts and labor	
27. Laptop Computer, 1 unit, branded and complies with the following technical specifications:	ABC – 75,000.00	
27.1	AMD Ryzen™ 7-7445HS; Base Frequency ~ 3.1 GHz, Max Boost up to ~4.5 GHz; 8 cores / 16 threads; 20 MB Cache	
27.2	NVIDIA GeForce RTX 4050 (6 GB GDDR6 discrete GPU)	
27.3	16.0-inch Full HD+ (1920×1200) IPS-level, 144 Hz refresh rate; anti-glare; “FHD+” (16:10) panel.	
27.4	16 GB DDR5-5600	
27.5	512 GB PCIe NVMe M.2 SSD	
27.6	Ports & I/O • 1× HDMI 2.1 FRL • 2× USB-A 3.2 Gen1 (5 Gbps) • 1× USB-C 3.2 Gen2 (DP / Power Delivery / G-SYNC, 10 Gbps) • plus another USB-C (Type-C) / USB-4 / higher spec in some listings • RJ-45 LAN • 3.5 mm audio combo jack	
27.7	Wi-Fi 6 (802.11ax) dual-band 2×2; Bluetooth 5.3	
27.8	56 Wh Li-ion (4-cell) battery; fast-charging with bundled power adapter (~240W AC)	
27.9	720p HD Camera	
27.10	2-speaker system; built-in array microphones; Dolby Atmos; Hi-Res certification; AI noise-canceling	
27.11	Included ~ 240W AC Adapter	
27.12	With licensed Operating System 64bit	
27.13	Includes product brochure and manual	
27.14	With one year warranty on parts and labor	
27.15	The top 5 computer brands by worldwide market share (must include atleast 3 references)	
28. Laptop Computer, 2 units, branded and complies with the following technical specifications:	ABC – 118,797.80	
28.1	Core i5-12450HX, 8C (4P + 4E) / 12T, P-core up to 4.4GHz, E-core up to 3.1GHz, 12MB	
28.2	16GB SO-DIMM DDR5-4800	
28.3	512GB SSD M.2 2242 PCIe 4.0x4 NVMe	
28.4	15.6" FHD (1920x1080) IPS 300nits Anti-glare, 100% sRGB, 144Hz	

28.5	NVIDIA GeForce RTX 3050 6GB GDDR6	
28.6	HD Camera 720p (Privacy Shutter) + Microphone 2x, Array	
28.7	Stereo speakers, 2W x2, optimized with Nahimic Audio	
28.8	57Wh Battery + 135W Slim Tip (3-pin) power adapter	
28.9	Wi-Fi® 6, 802.11ax 2x2 + BT5.2	
28.10	2x USB-A (USB 5Gbps / USB 3.2 Gen 1) 1x USB-C® (USB 5Gbps / USB 3.2 Gen 1), data transfer only 1x HDMI® 2.1, up to 8K/60Hz 1x Headphone / microphone combo jack (3.5mm) 1x Ethernet (RJ-45) 1x Card reader 1x Power connector	
28.11	With licensed Operating System 64bit	
28.12	Includes product brochure and manual	
28.13	With one year warranty on parts and labor	
28.14	The top 5 computer brands by worldwide market share (must include atleast 3 references)	
29. Laptop Computer, 1 unit, branded and complies with the following technical specifications:	ABC – 75,000.00	
29.1	Core™ Ultra 7 155U (12 cores, 14 threads) 1.7 GHz up to 4.8 GHz, 12 MB L3 cache	
29.2	16 GB LPDDR5x-7467 MT/s (onboard)	
29.3	1 TB PCIe® Gen4 NVMe? M.2 SSD	
29.4	16-inch diagonal, 2K (1920 x 1200), IPS, micro-edge, anti-glare, 300 nits, 62.5% Srgb	
29.5	Intel UHD Graphics	
29.6	Wi-Fi 6E(802.11ax) (Dual band) 2*2 + Bluetooth 5.3	
29.7	With licensed Operating System 64bit	
29.8	Includes product brochure and manual	
29.9	With one year warranty on parts and labor	
29.10	The top 5 computer brands by worldwide market share (must include atleast 3 references)	
30. Laptop Computer, 1 unit, branded and complies with the following technical specifications:	ABC – 59,800.00	
30.1	Core i5-12450HX, 8C (4P + 4E) / 12T, P-core up to 4.4GHz, E-core up to 3.1GHz, 12MB	
30.2	16GB SO-DIMM DDR5-4800	
30.3	512GB SSD M.2 2242 PCIe 4.0x4 NVMe	

30.4	15.6" FHD (1920x1080) IPS 300nits Anti-glare, 100% sRGB, 144Hz	
30.5	NVIDIA GeForce RTX 3050 6GB GDDR6	
30.6	HD Camera 720p (Privacy Shutter) + Microphone 2x, Array	
30.7	Stereo speakers, 2W x2, optimized with Nahimic Audio	
30.8	57Wh Battery + 135W Slim Tip (3-pin) power adapter	
30.9	Wi-Fi® 6, 802.11ax 2x2 + BT5.2	
30.10	2x USB-A (USB 5Gbps / USB 3.2 Gen 1) 1x USB-C® (USB 5Gbps / USB 3.2 Gen 1), data transfer only 1x HDMI® 2.1, up to 8K/60Hz 1x Headphone / microphone combo jack (3.5mm) 1x Ethernet (RJ-45) 1x Card reader 1x Power connector	
30.11	With licensed Operating System 64bit	
30.12	Includes product brochure and manual	
30.13	With one year warranty on parts and labor	
30.14	The top 5 computer brands by worldwide market share (must include atleast 3 references)	
31. Laptop Computer, 7 units, branded and complies with the following technical specifications:		
ABC – 490,000.00		
31.1	Intel® Core™ i5-13420H (13th Gen) — 8 cores / 12 threads (4P + 4E). P-core base: 2.1 GHz, E-core base: 1.5 GHz. Max Turbo: up to 4.6 GHz.	
31.2	16 GB (2 × 8 GB) DDR5-5600 SO-DIMM (dual-channel).	
31.3	1 TB PCIe® 4.0×4 NVMe® M.2 SSD	
31.4	16" 2.8K (2880x1800) OLED 500nits Glossy, 100% DCI-P3, 120Hz, DisplayHDR True Black 1000	
31.5	Integrated Intel® UHD Graphics	
31.6	FHD (1080p) webcam + IR with privacy shutter and ToF sensor + Dual-array microphones.	
31.7	Stereo speakers, 2W x2, optimized with Nahimic Audio	
31.8	60 Wh battery + 65 W USB-C power adapter	
31.9	Wi-Fi® 6, 802.11ax 2x2 + BT5.2	
31.10	1x USB-A (USB 5Gbps / USB 3.2 Gen 1) 1x USB-A (USB 5Gbps / USB 3.2 Gen 1), Always On 2x USB-C® (USB 5Gbps / USB 3.2 Gen 1), with USB PD 3.0 and DisplayPort 1.4 1x HDMI® 1.4b 1x Headphone / microphone combo jack (3.5mm) 1x microSD card reader	

31.11	With licensed Operating System 64bit	
31.12	Includes product brochure and manual	
31.13	With one year warranty on parts and labor	
31.14	The top 5 computer brands by worldwide market share (must include atleast 3 references)	

Lot 2 ICT Supplies – 1,195,024.48

Item	Specification	Statement of Compliance
1. Printer, 32 units, brand new and complies with the following technical specifications:	ABC – 528,000.00 Price per set – 16,500.00	
1.1	Multifunction Printer — All-in-One (Print / Scan / Copy / Fax) with ADF	
1.2	ADF capacity: Minimum 30 sheets	
1.3	Ink-tank / inkjet (or equivalent) with refillable high-yield ink bottles	
1.4	Wi-Fi, Wi-Fi Direct, USB; network (Ethernet) preferred if offered	
1.5	Interfaces included: USB cable and AC power cord.	
1.6	115–220 V AC, 60 Hz (universal voltage supported)	
1.7	Include starter ink bottles	
1.8	Mobile printing support, scan to PC/cloud, and duplex printing if available	
1.9	Built-in control panel with display for operation and ADF/scan status	
2.0	Include accessories, product brochure / user manual	
2.1	Brand new unit with minimum 1 year parts & labour warranty	
2. Uninterruptible Power Supply, 9 units, brand new and complies with the following technical specifications:	ABC – 40,500.00 Price per unit – 4,500.00	
2.1	650VA up to 1000VA	
2.2	Maintenance-free sealed lead-acid battery	
2.3	Typical recharge within 8 hours to 90% capacity	
2.4	220–240V AC, 60Hz	
2.5	LED or LCD status indicators (power on, battery, fault)	

2.6	Overload, short-circuit, and surge protection	
2.7	Complete with standard power cables, product brochure and manual	
2.8	1-year warranty on parts & labor	
3. Portable Storage Device, 1 piece, brand new and complies with the following technical specifications:	ABC – 8,500.00	
3.1	Portable Solid State Drive (SSD) - 1TB Capacity	
3.2	Compact and portable, pocket-sized design	
3.3	Shock-resistant casing, minimum 2m drop resistance	
3.4	USB 3.2 Gen 2 (10Gbps) or higher	
3.5	Cables included: USB Type-C to Type-C and USB Type-C to Type-A	
3.6	Supports USB 3.0/2.0	
3.7	Sequential read/write speed $\geq 540\text{MB/s}$	
3.8	Optional password protection / AES 256-bit encryption (if supported by model)	
3.9	System Compatibility: Windows, macOS, Linux, Android	
3.10	With product brochure/manual	
3.11	Brand new, 3-year local warranty minimum	
4. Uninterruptible Power Supply, 1 unit, brand new and complies with the following technical specifications:	ABC – 8,000.00	
4.1	650VA – 1000VA (minimum 360W continuous output)	
4.2	Input Voltage Range: Wide range 140 ~ 300VAC	
4.3	Output Voltage Regulation: TRUE AVR (Automatic Voltage Regulation) with boost and buck function	
4.4	Minimum 2x universal output sockets	
4.5	Maintenance-free sealed lead-acid (12V) battery, typical recharge time 90% within 2–4 hours (super-fast charging)	
4.6	Short-Circuit, Overload, Over-Discharge, Over-Charge, Over-Temperature, Surge Protection	
4.7	Microprocessor controlled for reliability	
4.8	LED/Audio alarm for power, battery, overload, and fault conditions	
4.9	Must include product brochure/manual	
4.10	Minimum 1-year warranty on parts and labor	

5. Printer, 11 units, brand new and complies with the following technical specifications:	ABC – 165,000.00 Price per unit – 15,000.00	
5.1	Monochrome Laser Printer — desktop class (LaserJet / DeskJet type)	
5.2	Up to 18 ppm	
5.3	First page out (ready): ≤ 8.5 seconds	
5.4	Auto-On / Auto-Off (power save) supported	
5.5	Up to 600 × 600 dpi; supports fast/res 600 and fastres 1200 (or vendor-stated equivalent)	
5.6	Processor / Controller: ≈ 266 MHz (or vendor-stated equivalent)	
5.7	Memory: ≈ 8 MB onboard (vendor to state exact)	
5.8	USB 2.0 (required). Wi-Fi / Ethernet optional — state if present	
5.9	115–220 V AC, 60 Hz (universal input acceptable)	
5.10	Starter toner included	
5.11	Standard A4 tray (state input capacity); output tray; manual feed if present	
5.12	Includes product brochure, user manual, power cord, USB cable	
5.13	Minimum 1 year parts & labor local warranty	
6. Portable Storage Device, 2 pcs, brand new and complies with the following technical specifications:	ABC – 12,000.00 Price per piece – 6,000.00	
6.1	1,000 GB (1 TB) usable capacity (nominal)	
6.2	NVMe M.2 (PCIe) SSD inside an external enclosure (vendor to state internal SSD model)	
6.3	USB 3.2 Gen 2 (10 Gbps) over USB-C; includes USB-C → USB-C and USB-C → USB-A cables	
6.4	Sequential read ≥ 900 MB/s; Sequential write ≥ 800 MB/s	
6.5	Shock-resistant design	
6.6	AES-256 hardware encryption and password protection	
6.7	Windows, macOS, Linux, Android (OTG)	
6.8	Include USB-C→C cable and USB-C→A cable, carrying pouch, quick start guide, and product brochure/datasheet	
6.9	Minimum 1 year local warranty (parts & labour)	
7. Portable Storage Design, 2 pcs, brand	ABC – 10,980.00 Price per piece – 5,490.00	

new and complies with the following technical specifications:		
7.1	Removable SDXC memory card, full-size (SD)	
7.2	512 GB (nominal usable capacity)	
7.3	Minimum UHS-I, U3, V30, Class 10	
7.4	Read speed up to 200 MB/s; typical write speed up to 140 MB/s	
7.5	Capture of 4K UHD video, high-speed burst photography, drones, action cameras, DSLRs that accept SDXC UHS-I cards	
7.6	Shockproof, temperature-proof, waterproof, and X-ray proof (or vendor to state equivalent ruggedness claims)	
7.7	If microSD variant shipped with adapter — state it; otherwise, full-size SD card in sealed retail packaging only	
7.8	SDXC-compliant devices; vendor to confirm compatibility with common camera brands and specified models on request	
7.9	Minimum 1 year local warranty (parts & labour)	
8. Wireless Router, 1 unit, brand new and complies with the following technical specifications:	ABC – 5,000.00	
8.1	4G LTE Router with integrated Wireless-N access point and Ethernet switch	
8.2	IEEE 802.11b/g/n, up to 300 Mbps on 2.4 GHz (single-band)	
8.3	Built-in 4G LTE modem with SIM card slot (nano/micro – state type); supports LTE fallback to 3G/2G t least 1 × WAN (auto or selectable) and 4 × LAN RJ-45 ports; minimum 10/100 Mbps Ethernet ports (state if gigabit)	
8.4	External detachable LTE/Wi-Fi antennas (minimum 2 × external Wi-Fi antennas + 2 × LTE antennas) for improved signal; state antenna gain	
8.5	Features NAT, DHCP server, port forwarding, UPnP, DMZ, SPI Firewall, VPN passthrough (PPTP/L2TP/IPSec), MAC/IP/URL filtering, parental controls, guest network	
8.6	Integrated 4-port Ethernet switch functionality (auto MDI/MDIX).	
8.7	External AC adapter included; input 100–240 VAC, 50/60 Hz	

8.8	Includes AC adapter, Ethernet cable, quick start guide / product brochure, SIM card tool (if required), 4 × detachable antennas (as applicable)	
8.9	With minimum 1 year local parts & labour warranty	
9. Portable Storage Device, 3 pcs, brand new and complies with the following technical specifications:	ABC – 9,300.00 Price per piece – 3,100.00	
9.1	2.5-inch external HDD, pocket-sized and bus-powered (no external power adapter)	
9.2	USB 3.0 (backward compatible with USB 2.0)	
9.3	USB 3.0 Class speeds, typical sustained read/write ~100–130 MB/s (vendor to state measured speeds)	
9.4	Durable, shock-resistant casing (rubberized or ABS); state if anti-shock or reinforcement is provided	
9.5	Plug-and-play for Windows, macOS, and Linux; no drivers required	
9.6	Included USB 3.0 cable (USB-A to Micro-B typically) — specify type; quick setup guide or brochure	
9.7	Minimum 1 year local warranty (parts & labor)	
10. Storage Device, 11 pcs, brand new and complies with the following technical specifications:	ABC – 18,700.00 Price per unit – 1,700.00	
10.1	Internal 2.5" SATA III Solid State Drive (SSD), 256 GB nominal capacity	
10.2	SATA III (6.0 Gbps), 2.5" form factor	
10.3	3D NAND TLC or equivalent	
10.4	Sequential Read: ≥ 450 MB/s (advertised / vendor-stated); Sequential Write: ≥ 350 MB/s (advertised / vendor-stated).	
10.5	Support for TRIM, SMART, NCQ. Power-loss protection or DRAM cache optional	
10.6	Windows / macOS / Linux compatible; suitable for use as OS drive or data drive in laptops/desktops	
10.7	Include product brochure and accessories	
10.8	Minimum 1 year local warranty (parts & labour)	
11. DDR4 Memory Module, 4 pcs, brand new and complies with the following technical specifications:	ABC – 12,000.00 Price per unit – 3,000.00	
11.1	DDR4 DRAM memory module 16 GB	

11.2	288-pin UDIMM	
11.3	DDR4 2666 MHz minimum; preferable offers: 3000 / 3200 MHz	
11.4	1.2 V (standard DDR4 nominal)	
11.5	JEDEC standard DDR4; compatible with mainstream Intel & AMD platforms	
12. DDR3 Memory Module, 5 pcs, brand new and complies with the following technical specifications:	ABC – 10,000.00 Price per unit – 2,000.00	
12.1	Single DDR3 DRAM memory module 16 GB or 2x 8GB	
12.2	Non-ECC, unbuffered	
12.3	DDR3-1600 (PC3-12800) @ 1.5 V	
12.4	JEDEC standard DDR3; compatible with mainstream Intel & AMD platforms that support DDR3	
13. Printer, 2 units, brand new and complies with the following technical specifications:	ABC – 33,000.00 Price per unit – 16,500.00	
13.1	All-in-One Ink-Tank Printer (Print / Scan / Copy) with built-in CISS	
13.2	Print, Scan (flatbed), Copy (flatbed)	
13.3	Integrated visible ink tank system (refillable) — spill-resistant design and clear level indicators	
13.4	Inkjet (micro-piezo / piezoelectric or manufacturer equivalent)	
13.5	Up to 5760 × 1440 dpi (or vendor-stated maximum)	
13.6	USB 2.0 (required). Wi-Fi / Wi-Fi Direct / Mobile print	
13.7	115–220 V AC, 60 Hz (universal mains)	
13.8	Unit must include starter ink bottles sufficient for initial setup	
13.9	Includes AC power cord, USB cable (if applicable), starter ink bottles, product brochure/user manual	
13.10	With minimum 1 year local parts & labour warranty	
14. Cat5 UTP Cable, 1 box, brand new and complies with the following technical specifications:	ABC – 3,358.88	
14.1	1,000 ft spool (approx. 305 m) of Category 5e (Cat5E) UTP cable, 4-pair, solid bare copper conductors	

14.2	Compliant with TIA/EIA-568-B.2-1 (Category 5e) and ISO/IEC 11801 for Cat5e performance; UL-listed (e.g., UL 444/UL 1581) or equivalent	
14.3	Suitable for use with RJ45 field terminations (110/krone blocks, keystone jacks, RJ45 punch-down, IDC) per Cat5e installation practice	
15. Extension Wheel, 1 pc, brand new and complies with the following technical specifications:	ABC – 2,000.00	
15.1	Extension wheel / cable reel with 15 meter power cord	
15.2	15 meters (approx. 49 ft); heavy-duty insulated rubber or PVC sheathing	
15.3	At least 3 universal sockets (able to accept different plug types—flat / round / two-pin / three-pin) OR local standard sockets with surge protection	
15.4	Overload protection (fuse or circuit breaker) or thermal cut-off; cable pull-lock or claw to anchor cord; stable base	
15.5	115-220 V AC (universal); 60 Hz; include power cord fitted for Philippine mains plugs	
15.6	Minimum 6 months local parts & labour warranty	
16. Wireless Router, 2 pcs, brand new and complies with the following technical specifications:	ABC – 6,000.00 Price per unit – 3,000.00	
16.1	IEEE 802.11ac / 802.11n dual band (2.4 GHz + 5 GHz)	
16.2	Up to 1200 Mbps combined throughput (e.g. ~300 Mbps on 2.4 GHz + ~867-900 Mbps on 5 GHz)	
16.3	Supports MU-MIMO (multi-user, multiple input/output) for simultaneous device support	
16.4	At least 4 LAN ports + 1 WAN port	
16.5	≥ 3 external high-gain antennas (or internal with similar performance) for decent coverage; beamforming preferred	
16.6	WPA2 or WPA3 encryption; SPI firewall; guest network; access control; parental controls optional	
16.8	Band Steering or Smart Connect; QoS (Quality of Service); IPv4 & IPv6 support; firmware upgradeable	
16.9	Includes product brochure / datasheet	
17. Cat6 UTP Cable, 1 box, brand new and complies with the	ABC – 7,000.00	

following technical specifications:		
17.1	Outdoor Cat6 Unshielded Twisted Pair (UTP) network cable, 300-305 meters roll / box	
17.2	Solid bare copper conductor, 24 AWG ($\approx 0.50\text{--}0.53$ mm diameter), 4 pairs. No CCA or copper-coated aluminium allowed	
17.3	Weatherproof (UV, moisture, temperature changes), durable outer hood; vendor to state environmental rating (e.g., UV, temperature range)	
17.4	Complies with Cat6 standard: up to 250 MHz; capable of supporting 1000BASE-T (1 Gbps) over 100 m and performance tested for attenuation, NEXT, etc., to Cat6 spec	
17.5	Roll / box with label/tag; spool or box that safely houses the cable for dispensing	
17.6	Minimum 1 year warranty on manufacturing defects	
18. External SSD, 1 units, brand new and complies with the following specifications:	ABC – 6,000.00	
18.1	Portable External Solid State Drive (SSD), 1 TB nominal capacity, 2.5" external enclosure	
18.2	USB 3.1 Gen-2 / USB 3.2 Gen-2 (10 Gbps) preferred; backward compatible with USB 3.0/2.0. Include USB-C $\rightarrow$ USB-C and USB-C $\rightarrow$ USB-A cables	
18.3	SATA SSD housed in portable enclosure	
18.4	Sequential read ≥ 450 MB/s; Sequential write ≥ 400 MB/s	
18.5	Compact, shock-resistant enclosure; vendor to state drop resistance (e.g., 1.5 m) and any IP rating if applicable	
18.6	Compatible to Windows, macOS, Linux	
18.7	Minimum 1 year local warranty (parts & labour)	
19. SDCard, 1 pc, brand new and complies with the following specifications:	ABC – 2,400.00	
19.1	SDXC Memory Card, 256 GB nominal capacity (≥ 240 GB usable)	
19.2	UHS-I, U3, V30, Class 10 minimum	
19.3	Read Speed: Up to 150–190 MB/s; Write Speed: Up to 90–130 MB/s	
19.4	Full-size SD form factor, suitable for DSLRs / mirrorless / 4K video cameras	

19.5	Shock-, water-, temperature-, and X-ray-resistant	
19.6	Backward compatible with SDHC/SDXC slots; plug-and-play	
19.7	Minimum 1-year local warranty	
20. Micro SD Card, 1 pc, brand new and complies with the following technical specifications:	ABC – 1,500.00	
20.1	MicroSDXC Memory Card, 64 GB nominal capacity	
20.2	UHS-I U3, Class 10, V30 minimum	
20.3	Read Speed: Up to 120 MB/s (or higher); Write Speed: Up to 80 MB/s (or higher)	
20.4	Optimized for 4K UHD video recording on action cameras, drones, dashcams	
20.5	Includes full-size SD adapter	
20.6	Compatible with GoPro, action cameras, smartphones, tablets, DSLRs	
20.7	Minimum 1-year local warranty	
21. Vacuum Blower, 1 unit, brand new and complies with the following technical specifications:	ABC – 3,000.00	
21.1	Portable Computer Vacuum Blower / Air Duster with blower/suction mode	
21.2	Motor power 100-500 watts	
21.3	Approx. 50-80 CFM	
21.4	At least 2 modes (low/high), speed or airflow adjustable via switch or dial	
21.5	HEPA filter or multi-layer filters including foam/sponge pre-filter + fine dust filter; filter should be washable or replaceable	
21.6	Supplied with at least two nozzle attachments: (a) narrow nozzle / crevice, (b) brush nozzle for gentle cleaning; optional extension hose	
21.7	6-10 feet (approx. 1.8-3 meters) power cord; vendor must state length	
21.8	Portable design; weight between 1-5 pounds (~0.45-2.3 kg) excluding attachments	
21.9	Max 60-80 dB under normal use; vendor to provide noise spec or test figure	
21.10	Compact form factor; handheld; easy storage; housing durable plastic; carrying handle or strap optional	
21.11	AC Mains powered; input AC ~ 110-240 V 50/60 Hz, or vendor-specified input if DC; include power cord for local plug type	

21.12	Thermal cutoff / overload protection	
21.13	Minimum 1 year parts & labor local warranty	
22. NAS Storage Device, 1 unit, brand new and complies with the following technical specifications:	ABC – 45,000.00	
22.1	4-bay desktop Network Attached Storage (NAS)	
22.2	Diskless (no HDDs included)	
22.3	Suitable for main office server and record storage	
22.4	Two built-in M.2 NVMe SSD slots for cache; expandable to 9 drives with expansion unit	
22.5	Intel Celeron quad-core processor (base ~2.0 GHz, burst to ~2.7 GHz) with AES-NI hardware encryption engine for accelerated encrypted transfers. Vendor to state exact CPU model and AES support.	
22.6	4 GB DDR4 installed (two removable SODIMM slots) — expandable up to 8 GB	
22.7	Two (2) built-in M.2 2280 NVMe SSD slots for cache acceleration without occupying drive bays	
22.8	Four hot-swappable 3.5" / 2.5" SATA drive bays (SATA 6 Gbps); scalable up to 9 drives using compatible expansion unit (vendor to state expansion model compatibility). Benson Computers	
22.9	Minimum 2 × 1 GbE LAN ports with Link Aggregation support; quoted baseline sequential throughput ≥ 225 MB/s for both read and write under typical conditions	
22.10	Support RAID 0/1/5/6/10 (or Synology Hybrid RAID + Basic) and hot spare	
22.11	Full NAS OS with file services (SMB, AFP, NFS), snapshot replication, Btrfs or ext4 support (vendor to state filesystem), USB backup, cloud sync, user & group management, centralized log/monitoring, and support for IP camera surveillance with 2 camera licenses included by default;	
	Minimum: 2 × Gigabit RJ-45, 2 × USB 3.0 (Type-A), 1 × eSATA or designated expansion port (vendor to list). Provide front LED indicators for status and drive activity.	
	With minimum 1 year parts & labour local warranty (preferably 3 years manufacturer option)	
23. Printer, 1 unit, brand new and complies with the	ABC – 10,000.00	

following technical specifications:		
23.1	Print, Scan, Copy	
23.2	5760 × 1440 dpi	
23.3	Print Speeds (A4): Draft (Black/Colour): Up to 33 ppm / 15 ppm; ISO 24734 Simplex (Black/Colour): Up to 10 ipm / 5 ipm. 4 × 6" borderless photo: ~69–90 sec/photo.	
23.4	Up to 20 copies from stand-alone; max copy resolution 600 × 600 dpi	
23.5	Flatbed CIS scanner, optical resolution 600 × 1200 dpi	
23.6	Max scan area 216 × 297 mm	
23.7	Single tray, input capacity up to 100 sheets plain, 20 sheets premium photo paper	
23.8	Output capacity up to 30 sheets plain	
23.9	Max paper size 215.9 × 1200 mm; supports A4, Letter, Legal, envelopes	
23.10	Integrated CISS (eco-tank); bottles with page yields approx. 4,500 pages (black) and 7,500 pages (composite color)	
23.11	USB 2.0 high-speed	
23.12	C 220–240 V, 50–60 Hz. Operating consumption ~14 W; sleep ~0.4 W	
23.13	Starter ink bottles (black and colors), power cord, USB cable, user manual/product brochure	
23.14	With 1-year parts and labor warranty	
24. Printer, 3 units, brand new and complies with the following technical specifications:	ABC – 21,000.00 Price per unit – 7,000.00	
24.1	Print only (single-function ink tank printer)	
24.2	On-demand piezoelectric inkjet printhead	
24.3	Bi-directional and uni-directional printing	
24.4	720 × 720 dpi	
24.5	Up to 9.0 ipm (black) / up to 4.8 ipm (color)	
24.6	Up to 50 sheets plain paper (75 g/m ²)	
24.7	Maximum Paper Size: 8.5 × 44 inches	
24.8	Black Ink Bottle page yield ~4,500 pages (order code equivalent to 664)	
24.9	USB 2.0 high-speed	
24.10	AC 100–240 V, 50–60 Hz	
24.11	Starter black and color ink bottles, power cord, USB cable, user manual/product brochure	
24.12	With one year warranty on parts and labor	

25. External SSD, 2 pcs, brand new and complies with the following technical specifications:	ABC – 15,000.00 Price per piece – 7,500.00	
25.1	1 TB portable external SSD	
25.2	USB-C, USB 3.2 Gen 2 (backwards compatible with USB-A via adapter)	
25.3	Up to 1,050 MB/s read and up to 1,000 MB/s write (or equivalent high-speed NVMe performance)	
25.4	Water- and dust-resistant housing (at least IP65); shock/drop protection	
25.5	Supports hardware encryption or password protection	
25.6	Includes USB-C to USB-C cable and USB-C to USB-A adapter	
25.7	Works with laptops/desktops running Windows, Mac, or Linux with USB 3.0/3.1/3.2 ports	
25.8	Minimum 1-year manufacturer's warranty	
26. Solid State Drive, 2 pcs, brand new and complies with the following technical specifications:	ABC – 12,000.00 Price per piece – 6,000.00	
26.1	1 TB M.2 2280	
26.2	NVMe PCIe Gen 3x4 (Gen 4 optional if within budget)	
26.3	Read Speed $\geq \sim 2,500$ -3,500 MB/s (sequential); Write Speed $\geq \sim 1,800$ -2,500 MB/s (sequential)	
26.4	Manufacturer-rated durability; TBW (Total Bytes Written) acceptable for server-use; good brand reputability	
26.5	Fit motherboard/server with M.2 NVMe slot; firmware/driver support for file server OS (Windows Server, Linux, etc.)	
26.6	At least 3 years local warranty	
27. Pocket WiFi, 1 unit, brand new and complies with the following technical specifications:	ABC – 4,000.00	
27.1	4G LTE Pocket / MiFi router (openline, accepts any SIM)	
27.2	Download ~ 150 Mbps; Upload ~ 50 Mbps (or equivalent LTE Cat 4)	
27.3	2.4 GHz band; supports at least b/g/n	
27.4	Built-in rechargeable battery capable of ~ 4 -6 hours runtime; decent standby time	

27.5	Supports major LTE bands used locally	
27.6	SIM slot (micro SIM or nano SIM with adapter); USB-C or micro-USB for charging; optional microSD slot if available	
27.7	LED / small display showing signal strength, battery status, data usage or WiFi status (optional)	
27.8	Lightweight (<200g), small form factor; easy to carry for outdoor meetings	
27.9	WPA2 encryption for WiFi; ability to change SSID and password; firewall or basic security settings	
27.10	Charging cable included; user manual; protective casing or pouch optional but preferred	
27.11	Minimum 1-year local parts & labour warranty	
28. External HDD, 1 pc, brand new and complies with the following technical specifications:	ABC – 2,500.00	
28.1	1 TB External HDD	
28.2	USB 3.0 (backwards compatible with USB 2.0)	
28.3	2.5-inch portable drive (bus-powered; no external power brick)	
28.4	Basic shock protection; casing secure; cable included	
28.5	Works with Windows, macOS, Linux	
28.6	Lightweight and portable	
28.7	USB powered; operating voltage supplied via USB port; no external AC adapter required	
28.8	USB cable (3.0), user manual / datasheet, possibly a protective pouch/case if available	
28.9	Minimum 1 year local parts & labour warranty;	
29. Web Camera, 4 pcs, brand new and complies with the following technical specifications:	ABC – 9,576.00 Price per unit – 2,394.00	
29.1	External USB Web Camera	
29.2	1920 × 1080 px @ 30 fps	
29.3	Multi-element plastic lens with anti-reflective coating	
29.4	Built-in omnidirectional microphone (single or dual) with effective pickup range up to 1 m	
29.5	USB 2.0 (Type-A) or USB-C (adapter allowed) — UVC (plug-and-play) compliant so no driver needed for standard OS	
29.6	Field of View (FOV): Typical 60°–90°	
29.7	Universal clip for laptop/monitor + tripod thread (1/4") preferred	

29.8	USB cable length $\geq$ 1.2 m; powered from host USB port	
29.9	Compatible windows, macOS, Linux (UVC), and major video apps (Zoom, Teams, Meet)	
29.10	Compact, lightweight	
29.11	Includes USB cable, user manual	
29.12	Minimum 1 year local parts & labour warranty	
30. Web Camera, 1 unit, brand new and complies with the following technical specifications:	ABC – 1,700.00	
30.1	1920 × 1080 pixels (Full HD), 30 fps	
30.2	Fixed focus lens; focus range from about 60 cm and beyond	
30.3	Built-in omnidirectional mic	
30.4	USB (preferably USB-2.0); plug-and-play (UVC class) for Windows/macOS/Linux	
30.5	Works with popular video conferencing apps (Zoom / Teams / Meet etc.); supports Windows 7/8/10+, macOS, Linux etc	
30.6	Include USB cable; plug-and-play instructions	
30.7	Minimum 1 year parts & labour local warranty	
31. External SSD, 2 pcs, brand new and complies with the following technical specifications:	ABC – 39,909.60 Price per piece – 19,954.80	
31.1	4 TB (high-capacity portable SSD)	
31.2	USB-C, USB 3.2 Gen 2 (backward compatible with USB-A using included adapter)	
31.3	Up to 1,000 MB/s read and up to 900 MB/s write (sequential)	
31.4	Compact, pocket-size, lightweight design for portability	
31.5	Shock-resistant casing with basic water- and dust-resistance (minimum IP55)	
31.6	Supports password protection or software-based encryption	
31.7	Plug-and-play with Windows, macOS, and Linux systems	
31.8	Includes USB-C to USB-C cable and USB-C to USB-A adapter	
31.9	Bus-powered via USB port (no external power supply needed)	
31.10	At least 1-year local warranty on parts and labor	

32. Uninterruptible Power Supply, 1 unit, brand new and complies with the following technical specifications:		
	ABC – 3,500.00	
32.1	650 VA, minimum ~325 Watts usable output	
32.2	Line-interactive or similar with Automatic Voltage Regulation (AVR) to handle voltage drops/spikes without switching to battery immediately	
32.3	220-240 VAC, 50-60 Hz	
32.4	At least 4 battery-backup + surge protection outlets; more if available	
32.5	Sealed, maintenance-free lead-acid battery; internal replacement possible; rechargeable	
32.6	Protection against overload, short circuit; surge protection built in; audible alarms for battery mode / overload / low battery	
32.7	Minimum 1 year parts & labour warranty	
33. Web Camera, 1 piece, brand new and complies with the following technical specifications:		
	ABC – 4,000.00	
33.1	1920 × 1080 pixels @ 30 fps	
33.2	4× digital zoom (software/digital cropping)	
33.3	Autofocus; glass lens (or better); acceptable low-light performance if possible	
33.4	Built-in stereo or dual omni-directional mics	
33.5	Basic enhancements (ex: automatic exposure / lighting correction)	
33.6	USB-A plug-and-play; UVC compliance; driver-free for modern OS	
33.7	USB cable included; manual or quick start guide; product brochure or datasheet	
33.8	Minimum 1 year parts & labour local warranty	
34. Unmanaged Switch, 10 units, brand new and complies with the following technical specifications:		
	ABC – 48,000.00 Price per unit – 4,800.00	
34.1	Minimum 24 RJ-45 Ethernet ports (mixed 10/100/1000 Mbps or 10/100 Mbps with at least 8 Gigabit uplinks)	
34.2	Unmanaged; plug-and-play; auto MDI/MDIX; auto-negotiation	

34.3	IEEE 802.3, 802.3u, 802.3x (Flow Control); store-and-forward switching	
34.4	At least 8 Gbps (if mixed) or 4.8 Gbps non-blocking fabric	
34.5	Power; Link/Activity LED per port	
34.6	AC 100-240 V, 50-60 Hz with included power cord	
34.7	Desktop or rack-mount; fanless or low-noise design	
34.8	Includes power cable, quick guide, product brochure	
34.9	With at least 1 year warranty parts & labour	
35. Wireless Router, 10 units, brand new and complies with the following technical specifications:	ABC – 22,000.00 Price per unit – 2,200.00	
35.1	Wi-Fi 6 (802.11ax)	
35.2	2.4 GHz & 5 GHz dual-band	
35.3	Up to 1200 Mbps combined	
35.4	Minimum 4 x LAN 10/100/1000 Mbps ports, 1 x WAN port	
35.5	WPA3, WPA2, Firewall, and Access Control	
35.6	AC 100-240V, 50-60 Hz	
35.7	Includes power adapter, Ethernet cable, quick start guide	
35.8	With at least 1-year parts & labor warranty	
36. Uninterruptible Power Supply, 7 units, brand new and complies with the following technical specifications:	ABC – 40,600.00 Price per unit – 5,800.00	
36.1	3000VA / 1800–2000 Watts	
36.2	Maintenance-free sealed lead-acid battery	
36.3	Approx. 10–15 minutes at 50% load	
36.4	Input Voltage: 180–260V AC; Output Voltage: 220–230V AC	
36.5	50/60 Hz auto-sensing	
36.6	Short circuit, overload, over-voltage, over-discharge, surge protection	
36.7	LED indicators for power, battery, and load status	
36.8	Includes standard power cable, user manual	
36.9	With at least 1-year parts & labor warranty	
37. Printer, 1 unit, brand new and complies with the	ABC – 20,000.00	

following technical specifications:		
37.1	Color printer with built-in scanner	
37.2	Up to A4 / Legal (8.5" x 14")	
37.3	Up to 37 ppm (color), 37 ppm (black & white)	
37.4	1200 x 1200 dpi standard, up to 9600 x 600 dpi enhanced	
37.5	Standard input tray: 550 sheets; Multi-purpose tray: 100 sheets; Maximum input: 2,300 sheets (with optional trays)	
37.6	Dual-core processor (ARM Cortex-A9 + ARM Cortex-M3)	
37.7	USB, Ethernet, Wi-Fi; Compatible with Windows, Linux, Mac OS X, Google Chrome OS	
37.8	With at least 1-year parts and labor warranty	
38. Network Router, 1 unit, brand new and complies with the following technical specifications:	ABC – 4,000.00	
38.1	IEEE 802.11b/g/n at 2.4 GHz	
38.2	Up to 300 Mbps (2.4 GHz)	
38.3	At least 4 x 10/100 Mbps LAN ports, and 1 x 10/100 Mbps WAN port	
38.4	WPA / WPA2 encryption; ability to change SSID/password; basic firewall/NAT; WPS optional	
38.5	Compatible with modern OS: Windows, macOS, Linux	
38.6	Included power adapter, Ethernet (patch) cable, product brochure / user manual	
38.7	One year parts & labour local warranty	

Lot 3 Audio Visual – ₱ 790,209.88

Item	Specification	Statement of Compliance
1. Wireless Microphone with Receiver Speaker, 4 sets, brand new and complies with the following technical specifications:	ABC – 9,760.00 Price per set – 2,440.00	
1.1	Dual Handheld Wireless Microphone Set with Receiver	
1.2	Set includes 2 handheld wireless microphones and 1 dual-channel receiver	
1.3	Head type: Dynamic capsules, suitable for vocals	

1.4	Frequency band: UHF or 2.4 GHz; must specify frequency range and selectable channels	
1.5	Range: Minimum 30 meters (line of sight) reliable operation	
1.6	Receiver: Dual-channel operation; individual/mix output; with RF/AF indicators or LCD display	
1.7	Connectivity: At least 1× 6.35mm (1/4") audio output, plus RCA or 3.5mm auxiliary output	
1.8	Power: Microphones – rechargeable or AA/AAA battery (≥6–8 hours operation). Receiver – DC adapter or USB-powered	
1.9	Audio quality: Frequency response ~50 Hz – 15 kHz; S/N ratio ≥90 dB (or equivalent)	
2.0	Must include charging cable or adapter, batteries (if required), and carry case/pouch	
2.1	Minimum 6 months (1 year preferred)	
2. Mixer, 1 unit, brand new and complies with the following technical specifications:	ABC – 15,000.00 Price per unit – 15,000.00	
2.1	Analog mixer with at least 8 input channels (mic/line and stereo)	
2.2	2 XLR mic inputs (with 48 V phantom power)	
2.3	2–4 stereo line inputs	
2.4	3-band EQ on mono channels, 2-band on stereo	
2.5	At least 1 aux send per channel, FX return optional	
2.6	Main outputs, control room/monitor outputs, headphone output	
2.7	Buses: at least Main L/R and one subgroup or control bus	
2.8	Rugged build suitable for mobile/studio use	
2.9	Power via standard adapter, full accessories	
3.0	Warranty: ≥6 months (≥1 year preferred)	
3. Portable Microphone Stand, 2 units, brand new and complies with the following technical specifications:	ABC – 2,196.00 Price per unit – 1,098.00	
3.1	Height-adjustable floor stand with a vertical tube and tripod base, ideal for handheld or wireless microphones	
3.2	Height range: approx. 90–140 cm (adjustable), similar to 1.4 m stand	
3.3	Sturdy metal tubing, collapsible for portability	
3.4	Base: Tripod legs with non-slip rubber feet for stability	

3.5	Boom Arm (optional): If included, up to ~80 cm, adjustable	
3.6	Mounting: Standard 5/8" threaded mic receiver (shim or adapter allowed)	
3.7	Foldable/disassembles into transportable components	
3.8	Basic mic clip included	
3.9	Minimum 6 months (1 year preferred)	
4. Microphone Stand, 2 units, brand new and complies with the following technical specifications:	ABC – 2,322.88 Price per unit – 1,161.44	
4.1	Floor-standing, tripod base with adjustable boom arm	
4.2	Height range: ~90 cm to ≥ 150 cm (adjustable vertical tube)	
4.3	Boom arm: Extendable/horizontal arm (~60–80 cm reach), with swivel/joint for angle adjustment	
4.4	Durable metal (steel or aluminum alloy) tubing; heavy-duty tripod base for stability; non-slip rubber feet	
4.5	Collapsible/foldable design for portability and easy transport	
4.6	Includes at least one mic clip; dual-clip holder optional but preferred	
4.7	Standard 3/8" to 5/8" adapter included for mic mounting	
4.8	Comes with carrying bag or strap (preferable)	
4.9	Minimum 6 months (1 year preferred)	
5. Portable Speaker with Wireless Microphone, 1 unit, brand new and complies with the following technical specifications:	ABC – 10,000.00	
5.1	Portable speaker with built-in amplifier and Bluetooth (and/or aux USB) input	
5.2	Includes wireless microphone—either built-in receiver or dedicated mic included	
5.3	Output power: Minimum 10 W RMS (or speaker wattage specified)	
5.4	Rechargeable battery with ≥ 4 hours continuous playback; multimedia and mic use	
5.5	Bluetooth; 3.5 mm auxiliaries; visible mic input ($\frac{1}{4}$ " or 3.5 mm AUX) or dedicated wireless mic link	
5.6	Volume control(s) for speaker and mic; Bluetooth pairing; power switching; basic EQ (bass/treble or presets)	

5.7	Rugged enclosure with carry handle or strap; optional LED or light accent (not required)	
5.8	Minimum 6 months local warranty	
6. Multimedia Speaker, 1 unit, brand new and complies with the following technical specifications:	ABC – 1,000.00	
6.1	2.0 stereo speakers (or compact 2.1 with sub) suitable for desktop PC/laptop use	
6.2	USB power and/or 3.5 mm AUX input. Bluetooth optional if within budget	
6.3	Output: Minimum 2–4 W RMS per channel; compact Bluetooth-enabled options are acceptable	
6.4	Volume control knob or button; power on/off; bass/treble control optional	
6.5	Compact, desktop-friendly, either magnetically shielded or designed for close proximity to monitors	
6.6	USB cable and/or AUX cable included	
6.7	At least 6 months local warranty	
7. Speaker, 5 units, brand new and complies with the following technical specifications:	ABC – 7,500.00 Price per unit – 1,500.00	
7.1	Compact 2.0 stereo speakers suitable for desktop use	
7.2	Inputs: 3.5 mm AUX for audio; USB power (5 V) or optional DC adapter	
7.3	Audio Output: Minimum 2 W RMS per speaker (or specified equivalent)	
7.4	Volume control (on cable or unit); power on/off switch	
7.5	Desktop-friendly design, magnetically shielded or EM-resistant (to suit monitor proximity); optionally LED lighting	
7.6	USB power cable and 3.5 mm auxiliary cable included	
7.7	Minimum 6 months local warranty	
8. Wired Stereo Headset, 5 units, brand new and complies with the following technical specifications:	ABC – 5,000.00 Price per unit – 1,000.00	
8.1	Stereo audio output via 3.5 mm plug (single or dual)	
8.2	Includes attached microphone (boom or in-line) for voice input	
8.3	In-line volume control and/or mute function preferred	

8.4	Comfortable adjustable headband and cushioned earpads	
8.5	Lightweight and durable construction	
8.6	Cable length: minimum 1.5 m	
8.7	Plug-and-play, compatible with Windows, macOS, Chrome OS, Linux	
8.8	Minimum 6 months locally supported.	
9. Projector, 8 units, brand new and complies with the following technical specifications:	ABC – 200,000.00 Price per unit – 25,000.00	
9.1	Display type / Technology: 3-chip LCD / 3LCD (or equivalent)	
9.2	Native Resolution: XGA (1024 × 768)	
9.3	3,300 lumens (white/colour) (ANSI or manufacturer spec)	
9.4	Contrast Ratio: 15,000 : 1 (or vendor equivalent)	
9.5	Quick Corner (or equivalent quick/edge corner adjustment), keystone correction, AV mute, easy alignment functions	
9.6	Input connectivity (minimum): 1 × D-Sub 15-pin (VGA) input; 1 × HDMI input; 1 × USB Type-B (for firmware update / copy OSD / USB display)	
9.7	100–240 V AC (50/60 Hz)	
9.8	2.4 kg (portable class)	
9.9	Built-in speaker, AV/monitor outputs as applicable. USB Type-A (for optional wireless dongle/USB memory) optional	
9.10	Ceiling or tripod mountable	
9.11	Minimum 1 year local warranty (parts & service) — bidders to state warranty and service centre location	
10. Portable Party Speaker, 1 unit, brand new and complies with the following technical specifications:	ABC – 26,000.00	
10.1	Portable party speaker with built-in rechargeable battery (≥10 hrs playtime).	
10.2	Built-in dynamic light show (strobe, LEDs synced to music)	
10.3	Included: two digital wireless microphones (with echo, bass, treble controls)	
10.4	Splash-proof design (IPX4 or equivalent)	
10.5	Bluetooth playback; USB/mic inputs/outputs as applicable	

10.6	Output power: ~100 W total RMS	
10.7	Weight & Dimensions: ~6.3 kg; ~27.6 × 32.7 × 29.3 cm	
10.8	Speaker, AC power cord, quick-start guide, safety sheet, two wireless mics, warranty card	
10.9	Minimum 1 year parts & service (local) preferred	
11. Digital Camera, 1 unit, brand new and complies with the following technical specifications:	ABC – 4,000.00	
11.1	Sensor: Small format (e.g., 1/2.3" CMOS or similar), ≥12–16 MP	
11.2	Optical zoom ≥3× (approx. 24–72 mm eq. or similar). Fast aperture like f/1.8–2.8 or 1.0" sensor will not be available in this price band	
11.3	Optical or electronic image stabilization (if available)	
11.4	2.7"–3.0" LCD (fixed or basic tilt). Capacitive multi-angle touchscreen is unlikely at this price; accept non-touch or single-axis tilt	
11.5	Full HD 1080p at 30 fps (1080p@60 fps is unlikely at this price)	
11.6	Auto / program modes, basic scene modes, built-in flash	
11.7	3.5mm mic or no mic; USB (charging/data); HDMI out optional	
11.8	Rechargeable battery, charger, strap, basic manual	
11.9	Minimum 6 months local warranty	
12. Portable Party Speaker, 1 unit, brand new and complies with the following technical specifications:	ABC – 3,500.00	
12.1	8-inch Woofer with Bass Enhancement	
12.2	Minimum 60W RMS	
12.3	40Hz – 18kHz	
12.4	Bluetooth v5.0, USB Port, TF Card Slot, AUX Input, FM Radio	
12.5	At least 1 Wireless Microphone included for Karaoke	
12.6	Multicolor LED party lights, music-responsive	
12.7	Built-in sound effects / mixing modes	
12.8	Rechargeable lithium battery, ≥3000mAh, up to 5–6 hours playback	
12.9	AC 110–240V / DC 5V	
12.10	Master Volume, Bass/Treble, Mic Volume, Echo Control	
12.11	LED/LCD display for mode and settings	
12.12	Includes Remote Control, Wireless Microphone, Power Adapter	

12.13	400mm x 250mm x 220mm (L x W x H)	
12.14	Minimum 6 months manufacturer warranty	
13. Headphone, 4 units, brand new and complies with the following technical specifications:	ABC – 6,000.00 Price per unit – 1,500.00	
13.1	Over-ear, wired USB headset	
13.2	Height: 160 mm; Width: 175 mm; Depth: 60 mm	
13.3	Approx. 0.1 kg (lightweight design for long use)	
13.4	Minimum 1.8 meters, tangle-free cable	
13.5	Microphone Type: Bi-directional, noise-cancelling	
13.6	Input Impedance: 22 Ohms	
13.7	Sensitivity Headphone: 115 dB $\pm$ 3 dB; Microphone: -42 dBV/Pa $\pm$ 3 dB	
13.8	Frequency Response Headset: 20 Hz – 20 kHz; Microphone: 100 Hz – 16 kHz	
13.9	USB digital audio interface, plug-and-play	
13.10	Windows, MacOS, Linux, and most conferencing apps (Zoom, MS Teams, Google Meet, etc.) compatible	
13.11	Minimum 1-year limited hardware warranty	
14. Audio Mixer, 1 unit, brand new and complies with the following technical specifications:	ABC – 8,500.00	
14.1	Minimum 6 input channels (Mic/Line compatible)	
14.2	Inputs: XLR / ¼" combo inputs for microphones and line instruments; Stereo line inputs for external audio sources	
14.3	Outputs: Main balanced outputs (XLR or ¼"); Headphone output with independent level control	
14.4	2-band or 3-band EQ per channel (bass, mid, treble adjustment)	
14.5	+48V for condenser microphones (switchable) phantom power	
14.6	Reverb/Echo/Delay effects (optional, but preferable for vocal clarity)	
14.7	Individual channel gain, pan, level, and master volume control	
14.8	AC adapter, compatible with 220–240V (local standard)	
14.9	Compact, portable, durable metal chassis for long-term use	
14.10	Suitable for board meetings, small conferences, and public address systems	
14.11	Minimum 1-year service warranty	

15. Audio Mixer Cable, 2 pcs, brand new and complies with the following technical specifications:	ABC – 3,000.00 Price per unit – 1,500.00	
15.1	Standard 3-Pin XLR Male to 3-Pin XLR Female	
15.2	10 meters (suitable for boardroom and conference audio setups)	
15.3	Oxygen-Free Copper (OFC) for high-quality audio transmission	
15.4	Dual shield (braided copper + aluminum foil) for reduced interference and noise	
15.5	Flexible and durable PVC, resistant to tangling and bending	
15.6	Nickel-plated contacts for corrosion resistance and secure connection	
15.7	Minimum 6.0mm diameter for durability and signal integrity	
15.8	Reinforced molded connectors with strain relief	
15.9	Universal – works with microphones, mixers, amplifiers, and PA systems	
15.10	Minimum 6 months of warranty	
16. Audio Mixer Cable, 2 pcs, brand new and complies with the following technical specifications:	ABC – 1,000.00 Price per unit – 500.00	
16.1	Male 3-Pin XLR to 3.5mm Stereo Plug (TRS)	
16.2	3 meters (suitable for short-distance boardroom audio setups)	
16.3	Oxygen-Free Copper (OFC) for clear audio transmission Aluminum foil + braided copper shielding to minimize interference	
16.4	Flexible PVC for durability, resistant to tangling and bending	
16.5	Nickel-plated contacts to prevent corrosion and ensure secure signal transfer	
16.6	Approx. 5.0mm – 6.0mm for strength and signal stability	
16.8	Compatible with mixers, microphones, recorders, laptops/PC, and audio devices with 3.5mm jack	
16.9	Minimum 3 months of warranty	
17. Drone, 1 unit, brand new and complies with the	ABC – 20,000.00	

following technical specifications:		
17.1	Foldable aerial drone, under 250 g	
17.2	Sensor: Sony 1/2.6" CMOS, 12 MP effective resolution	
17.3	4K (3840×2160) @ 24 / 25 / 30 fps; 1080p @ 90 fps supported	
17.4	Stabilization: 3-axis mechanical gimbal — very stable footage	
17.5	Includes Panorama, Night Mode, Timelapse, Livestream etc.	
17.6	2400 mAh Li-ion battery (~2S / 7.2 V); Flight time approx. 30 minutes	
17.7	Transmission & range up to 8 km, GPS/GLONASS/Beidou supported, with features like Return-to-Home, No-Fly Zone alerts	
17.8	Folded: 145 × 85 × 56 mm; Unfolded: 200 × 145 × 56 mm	
17.9	Auto-land, visual tracking, precision landing — advanced modes for safer flight	
17.10	Complete with accessories and product brochure	
17.11	Minimum 1 year of warranty	
18. Portable Speaker, 5 units, brand new and complies with the following specifications:	ABC – 112,495.00 Price per set – 22,499.00	
18.1	Portable Party / PA Speaker — battery powered, portable	
18.2	Portable events, small–medium outdoor/indoor gatherings, culture & arts programs, karaoke, DJ, and PA announcements.	
18.3	Output Power: Minimum 100 W RMS (or manufacturer-rated equivalent; state peak power)	
18.4	At least one woofer (≥8") + horn/tweeter for mids/highs (2-way or full-range design)	
18.5	Built-in woofer with bass-boost or DSP bass modes	
18.6	Rechargeable battery; ≥6–12 hours typical playback (depends on usage/volume)	
18.7	Bluetooth (A2DP), USB playback, TF card slot, 3.5 mm AUX in, RCA or 6.35 mm mic/guitar input(s)	
18.8	Support for wired mic input; include wireless mic(s) only if stated in supplier offer	
18.9	Master volume, mic volume, EQ or DSP presets (music/voice), echo for mic, LED lights / lightshow (optional but preferred)	
18.10	Built-in handle(s), trolley/wheels or grab-and-go handle preferred; splash-resistant (IPX4) preferred	

18.11	Remote control, included power adapter/charger, basic cables, and user manual	
18.12	Minimum 1 year local warranty (parts & service)	
19. Megaphone, 3 units, brand new and complies with the following specifications:	ABC – 24,000.00 Price per box – 8,000.00	
19.1	Acoustic range: Up to 35 m	
19.2	Max output power: 30 W (rated)	
19.3	Horn / Body Dimensions: Approx. Ø230 mm × 355 mm (accept ± tolerance).	
19.4	Rechargeable 12 V lithium battery pack and/or option for 8 × Type-C cells; include charging adapter and car-adapter compatibility if available. State battery capacity (mAh), nominal voltage and estimated continuous talk time per charge	
19.5	1.65 kg (without batteries) — bidders must state net weight with battery installed	
19.6	Detachable hand-mic or built-in mic; volume control; talk/record/play (if supported); siren/whistle function optional but preferred	
19.7	Rechargeable, detachable microphone, shoulder strap or carry handle, built-in siren/whistle, record & playback functionality	
19.8	Durable ABS or reinforced polymer housing; ergonomic handgrip; reinforced strain relief at connectors	
19.9	Includes rechargeable battery pack (12 V), AC charger, shoulder strap, user manual, warranty card. State what is included clearly	
19.10	Minimum 6 months local warranty; 1 year preferred	
20. Speaker, 1 unit, brand new and complies with the following technical specifications:	ABC – 18,500.00	
20.1	Minimum 12" woofer, preferably 15" for wide coverage	
20.2	Output Power: ≥300 W RMS continuous	
20.3	Frequency Response: 50 Hz – 18 kHz	
20.4	Rechargeable lithium-ion with ≥8 hours continuous use, 12 V internal pack	
20.5	At least 2 wireless UHF handheld microphones included	
20.6	Bluetooth, USB, TF/SD card, AUX in, Mic in, Guitar in	
20.7	Individual mic/echo controls, master EQ (bass/treble), LED light control (if any)	

20.8	ABS cabinet or equivalent, trolley handle + wheels	
20.9	Includes charger, 2 wireless mics, remote control, manual	
20.10	Portable (≤ 20 kg preferred)	
20.11	1 year manufacturer or dealer warranty.	
21. Trolley Speaker, 1 unit, brand new and complies with the following technical specifications:	ABC – 21,735.00	
21.1	Portable rechargeable trolley PA / party speaker (wheels + retractable handle)	
21.2	~500 W (manufacturer-rated peak/PMPO; bidder must state continuous RMS rating)	
21.3	Minimum 12" woofer (12"–15" preferred) with dedicated tweeter / compression driver (2-way or full-range design)	
21.4	Woofer radius: ~12" driver size	
21.5	USB and SD/TF card reader for MP3 playback	
21.6	AUX (3.5 mm), RCA Line In/Out, Guitar input (¼"), Microphone input (¼" or XLR), Headphone out (optional)	
21.7	2 × wireless handheld microphones included (UHF or 2.4 GHz) — bidders must supply frequency range and whether frequency is selectable/replaceable	
21.8	Built-in FM tuner with station memory	
21.9	Bluetooth audio streaming (A2DP). NFC pairing capability preferred (if offered, state support)	
21.10	Built-in rechargeable battery — vendor must state battery type, nominal voltage and capacity (mAh), and estimated continuous playback time at 50% volume (target ≥ 6 hours). Unit must be rechargeable via included AC adapter	
21.11	Microphone priority function (mic input overrides media playback)	
21.12	Bass and Treble adjustment (master or per-channel EQ / DSP presets)	
21.13	Effects: Microphone echo/reverb control	
21.14	1 × dedicated guitar/instrument input with level control	
21.15	Front or top panel controls (power, mode, play/pause, next/prev, volume, mic volume, bass/treble, echo) and a basic display (LED/LCD) showing mode/track info	
21.16	Includes remote control, LED party lights/music-sync (optional)	
21.17	Minimum 6 months local warranty (1 year preferred)	

22. Projector, 1 unit, brand new and complies with the following technical specifications:	ABC – 27,000.00	
22.1	Native resolution 800 × 600 (SVGA); supports up to 1920 × 1200	
22.2	4,800 ANSI lumens	
22.3	UHP/lamp with typical lamp life ≥6,000 h (normal mode), ≥10,000 h (eco mode), ≥15,000 h (extreme mode)	
22.4	Fixed/zoom lens; throw ratio approx. 1.94–2.16	
22.5	Keystone: ±40° vertical correction	
22.6	At least 1 × HDMI, 1 × VGA (D-sub), USB Type-A (for flash media or firmware), audio in, audio out. Additional composite video or mini-B support optional	
22.7	Built-in speaker (≥3 W mono) or line-out for external speaker	
22.8	AC 100–240 V, auto voltage switching	
22.9	Noise Level: ≤32 dB (normal mode); ≤24 dB (eco mode)	
22.10	Complete with accessories, manual and product brochure	
22.11	Minimum 1 year local parts/service	
23. Camera, 1 unit, brand new and complies with the following technical specifications:	ABC – 27,000.00	
23.1	Sensor: APS-C format CMOS, ≈24 MP effective pixels (or equivalent)	
23.2	Included interchangeable zoom lens ~18–55 mm (or equivalent kit lens) with image stabilization if available	
23.3	Image Processor: Vendor-stated current-generation DSLR processor	
23.4	ISO Range: Auto + manual range, e.g. ISO 100–6400 (expandable) — vendor to state exact range	
23.5	Multi-point AF system (phase detect + contrast AF), at least 9 AF points (or vendor equivalent)	
23.6	Continuous Shooting: At least 3–5 fps continuous shooting	
23.7	Full HD 1080p @ 30/60 fps capability (vendor to specify exact modes)	
23.8	Rear LCD ~3.0" (fixed or tilt) for framing and menu; live view supported	
23.9	USB for data transfer; optionally Wi-Fi/NFC if offered (state if present)	

23.10	SD / SDHC / SDXC card slot (specify UHS support if present)	
23.11	Rechargeable lithium battery (specify model & capacity); include charger	
23.12	Minimum 1 year local warranty (parts & service)	
24. Projector, 1 unit, brand new and complies with the following technical specifications:	ABC – 33,000.00	
24.1	3-chip 3LCD (preferred) or single-chip DLP with equivalent color performance	
24.2	XGA (1024 × 768) — 4:3 aspect ratio; supports common input resolutions (up to 1920×1200)	
24.3	Pixel count: 786,432 dots × 3 (i.e., 1024 × 768 × 3 channels) — bidder to confirm panel spec	
24.4	White brightness 3,800 ANSI lumens; Color brightness 3,800 ANSI lumens (bidder must state both)	
24.5	Contrast ratio: ≥ 15,000 : 1 (or vendor equivalent)	
24.6	Minimum 2 × HDMI inputs (dual HDMI), 1 × VGA (D-Sub 15), 1 × USB Type-A (media/firmware), USB Type-B (PC), audio in/out, and optional RJ-45 for network control	
24.7	Manual zoom / focus or powered zoom; throw ratio and lens specs to be provided by bidder. Support front / rear / ceiling mount installation	
24.8	UHP / lamp or laser with stated lamp life (e.g., 6,000 h normal / 10,000 h eco)	
24.9	Includes power cable, remote control, VGA/HDMI cable (optional), user manual	
24.10	Minimum 1 year local parts & labor (projector lamp warranty if different, specify)	
25. White Screen, 1 unit, brand new and complies with the following technical specifications:	ABC – 6,300.00	
25.1	Screen Size: 120-inch diagonal (~2430 mm wide × 1820 mm high); Accept ±5% tolerance.	
25.2	White matte fiber or PVC screen surface with gain around 1.0; fire-retardant treated preferred	
25.3	4:3 (common for XGA projectors)	
25.4	Support Frame: Sturdy aluminum or steel tripod stand; height adjustable for ceiling or tabletop mounting	
25.5	Lightweight (≤5 kg), collapsible design with retractable legs and screen roll; includes carrying case/bag	

25.6	Freestanding tripod with manual pull-down and lock mechanism; stable even when extended to full height	
25.7	Reinforced edges and corner support; non-slip tripod feet; scratch-resistant finish	
25.8	Suitable for projector throw distances typical for boardrooms/classrooms	
25.9	Complete with accessories, storage bag, setup instructions	
25.10	Minimum 6 months local warranty	
26. Drone Battery, 1 unit, brand new and complies with the following technical specifications:	ABC – 24,901.00	
26.1	Vendor must supply battery matching model footprint for the Mavic 3 series (mounting contacts and mechanical fit)	
26.2	Model number (for reference only): BWX260-5000-15.4 (reference model; bidders may offer OEM or manufacturer-approved equivalent)	
26.3	5000 mAh (nominal)	
26.4	Nominal Voltage / Cells: 15.4 V (4-cell LiPo / 4S)	
26.5	Lithium-Polymer (LiPo) 4S	
26.6	Rated Energy: ~77 Wh (vendor to state Wh)	
26.7	Charging Temperature Range: 5 °C – 40 °C (41 °F – 104 °F) (vendor must state charging & storage temperature limits)	
26.8	Compatible with Mavic 3 series drones (or specify exact compatible models)	
26.9	Complete with accessories, protective cover / cap for contacts, packaging, user guide	
26.10	Minimum 6 months local warranty (1 year preferred)	
27. Zoom Lens, 1 unit, brand new and complies with the following technical specifications:	ABC – 35,000.00	
27.1	EF-S 18-55mm	
27.2	f/4-5.6 IS STM kit lens	
27.3	Image Sensor: Approx. 24.1 megapixels APS-C CMOS sensor (for Mirrorless (EOS M) Camera)	
27.4	Complete with accessories and manual	
27.5	Minimum 1 year local warranty	
28. Camera Battery, 1 pc, brand new and complies with the	ABC – 5,000.00	

following technical specifications:		
28.1	Lithium-Ion rechargeable battery	
28.2	Model Reference: NP-FZ100 (compatible with Sony α 7 III, α 7R III, α 9, A6600, etc.) — vendor may offer verified OEM or authorized equivalent	
28.3	Capacity: $\approx$ 2280 mAh, 7.2 V nominal voltage	
28.4	High-capacity Z-series Li-Ion pack; InfoLITHIUM support required for battery status display on camera	
28.5	Weight: Approx. 85 g	
28.6	Sony ILCE mirrorless bodies (e.g., A7 series, A9, A6600) — confirm compatibility in quote	
28.7	Minimum 6 months local warranty (1 year preferred)	
29. Camera Battery Charger, 1 unit, brand new and complies with the following technical specifications:	ABC – 6,000.00	
29.1	AC charger for NP-FZ100 Li-ion battery pack	
29.2	100–240 VAC, 50/60 Hz, detachable AC cable (universal voltage)	
29.3	$\approx$ 150 minutes to fully charge one NP-FZ100 (vendor to state exact rating)	
29.4	LED charge-status indicator (charging/charged)	
29.5	Over-charge, short-circuit and temperature protection; CE/FCC-type compliance (vendor to state)	
29.6	For cameras using NP-FZ100 (e.g., ILCE-7M3K/A7 III and other Z-series bodies); bidder must confirm model compatibility	
29.7	Includes charger unit, AC power cable, user guide/warranty card	
29.8	Minimum 6 months local warranty (1 year preferred)	
30. Camera Bag, 1 unit, brand new and complies with the following technical specifications:	ABC – 4,000.00	
30.1	Camera Bag for Sony ILCE-7M3K Mirrorless Camera	
30.2	Durable polyester fabric, water-resistant exterior with padded interior for impact protection	
30.3	Main compartment for mirrorless body + kit lens, additional padded divider for lens or accessories	
30.4	Dedicated pocket for memory cards, batteries, and lens cap	
30.5	Carrying options: Top handle for hand carry; Adjustable shoulder strap with padding for comfort; Belt loop for hands-free portability	

30.6	Secure zippered closure with reinforced stitching	
30.7	Fits Sony ILCE-7M3K with 18–55mm kit lens attached (internal ~150 × 120 × 90 mm)	
30.8	Included accessories: handle, shoulder strap, and belt strap	
30.9	Minimum 6 months against manufacturing defects	
31. Heavy Duty Tripod, 1 piece, brand new and complies with the following technical specifications:	ABC – 5,000.00	
31.1	High-grade lightweight aluminum alloy, corrosion-resistant, with reinforced joints for stability	
31.2	Convertible Tripod / Monopod function for versatile use	
31.3	Max Extended Height: 78.4 inches (199 cm)	
31.4	15 inches (38 cm) folded length for compact storage and travel	
31.5	Supports up to 8 kg (suitable for DSLR & mirrorless cameras with telephoto lenses)	
31.6	360° ball head with quick-release plate for smooth panning and tilting	
31.7	Standard 1/4"-20 and 3/8"-16 threaded screw, compatible with most cameras and accessories	
31.8	4-section legs with flip/quick locks for easy adjustment	
31.9	Minimum 6 months warranty against manufacturing defects	
32. Heavy Duty Adjustable Backdrop Stand, 1 piece, brand new and complies with the following technical specifications:	ABC – 5,000.00	
32.1	Portable heavy-duty background support system for photo and video use	
32.2	Adjustable up to 10 ft. (W) × 10 ft. (H)	
32.3	High-grade aluminum alloy frame, lightweight yet durable	
32.4	Telescopic, extendable up to 10 ft. wide, collapsible for transport	
32.5	Two tripod stands with adjustable height up to 10 ft	
32.6	Supports standard muslin, paper, or fabric backdrops (≤ 6 kg)	
32.7	Two heavy-duty spring clamps included for securing backdrop cloths	
32.8	Comes with a carry bag for storage and transport	
32.9	Tool-free quick assembly and disassembly	

32.10	Minimum 6 month warranty against manufacturing defects	
33. Battery Pack for Camera, 1 piece, brand new and complies with the following technical specifications:	ABC – 5,000.00	
33.1	Rechargeable Lithium-Ion (Li-ion)	
33.2	Designed for Canon EOS M50 Mark II and other cameras supporting LP-E12	
33.3	875 mAh (minimum)	
33.4	7.2V nominal	
33.5	Charging Temperature Range: 0°C to 40°C (32°F to 104°F); Operating Temperature Range: 0°C to 40°C (32°F to 104°F)	
33.6	Overcharge, over-discharge, over-voltage, and short-circuit protection	
33.7	Minimum 6 months warranty against manufacturing defects	
34. Camera Flash, 1 piece, brand new and complies with the following technical specifications:	ABC – 5,500.00	
34.1	Universal mount, supports Canon, Nikon, Sony, Olympus, Panasonic cameras	
34.2	Transmission Styles: Optical transmission for stable illumination; 2.4G wireless transmission, all-in-one features, effective range up to 100 meters	
34.3	Flash Functions: TTL auto exposure supported; HSS (High Speed Sync): up to 1/8000s; FEC (Flash Exposure Compensation); Front & Rear curtain sync; Multi-flash (stroboscopic); Manual flash control	
34.4	GN60 (ISO 100, @105mm)	
34.5	Zoom Range: 24–105mm, auto/manual zoom	
34.6	Power Levels: 22 stages (1/1 to 1/128)	
34.7	TTL / M / S1 / S2	
34.8	Dot matrix LCD panel for easy navigation	
34.9	Overheat protection, custom C.Fn settings available	
34.10	Accessories Included: Flash unit, mini stand, protective pouch, user manual	
34.11	Minimum 6 months warranty against manufacturing defects	
34. Multimedia Projector, 4 units, brand new and	ABC – 100,000.00 Price per unit – 25,000.00	

complies with the following technical specifications:		
34.1	3,000 – 3,500 ANSI lumens (minimum) — suitable for small classrooms/meeting rooms	
34.2	Lamp light source, minimum 5,000 hrs (standard mode)	
34.3	Minimum XGA (1024×768); prefer WXGA (1280×800) or Full HD (1920×1080) if available	
34.4	VGA (in), HDMI (x1 minimum), USB (power or media), Audio in/out.	
34.5	VGA out or monitor out (preferred), RS-232 or LAN for control (if available)	
34.6	Manual focus and zoom (or 1.2× optical), vertical keystone correction $\pm 30^\circ$ (or automatic), zoom ratio as available	
34.7	Includes VGA cable, HDMI cable, Power cord (local plug), USB cable, IR remote control, carrying bag	
34.8	With free 70 x 70 tripod type screen	
34.9	100–240V AC, 50/60 Hz	
34.10	Product brochure, user manual, warranty certificate	
34.11	Brand new, 1-year warranty on parts & labor (minimum)	

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; **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.

Financial Documents

- ☐ (g) 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

- ☐ (h) 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

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

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

- ☐ (k) *[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.
- ☐ (l) Certification from the DTI if the Bidder claims preference as a Domestic Bidder or Domestic Entity.

Omnibus Sworn Statement (Revised)

[shall be submitted with the Bid]

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

AFFIDAVIT

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

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

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

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

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

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

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

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

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

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

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

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

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

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

7. *[Name of Bidder]* complies with existing labor laws and standards; and
8. *[Name of Bidder]* is aware of and has undertaken the responsibilities as a Bidder in compliance with the Philippine Bidding Documents, which includes:
 - a. Carefully examining all of the Bidding Documents;
 - b. Acknowledging all conditions, local or otherwise, affecting the implementation of the Contract;
 - c. Making an estimate of the facilities available and needed for the contract to be bid, if any; and
 - d. Inquiring or securing Supplemental/Bid Bulletin(s) issued for the *[Name of the Project]*.
9. *[Name of Bidder]* did not give or pay directly or indirectly, any commission, amount, fee, or any form of consideration, pecuniary or otherwise, to any person or official, personnel or representative of the government in relation to any procurement project or activity.
10. **In case advance payment was made or given, failure to perform or deliver any of the obligations and undertakings in the contract shall be sufficient grounds to constitute criminal liability for Swindling (Estafa) or the commission of fraud with unfaithfulness or abuse of confidence through misappropriating or converting any payment received by a person or entity under an obligation involving the duty to deliver certain goods or services, to the prejudice of the public and the government of the Philippines pursuant to Article 315 of Act No. 3815 s. 1930, as amended, or the Revised Penal Code.**

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

[Insert NAME OF BIDDER OR ITS AUTHORIZED REPRESENTATIVE]

[Insert signatory's legal capacity]
Affiant

Bid Form for the Procurement of Goods
[shall be submitted with the Bid]

BID FORM

Date : _____

Project Identification No. : _____

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

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

If our Bid is accepted, we undertake:

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

[Insert this paragraph if Foreign-Assisted Project with the Development Partner:

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

Name and address Amount and Purpose of
of agent

Currency Commission or gratuity

(if none, state "None")]

Until a formal Contract is prepared and executed, this Bid, together with your written acceptance thereof and your Notice of Award, shall be binding upon us.

We understand that you are not bound to accept the Lowest Calculated Bid or any Bid you may receive.

We certify/confirm that we comply with the eligibility requirements pursuant to the PBDs.

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

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

Name: _____

Legal capacity: _____

Signature: _____

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

Date: _____

Price Schedule for Goods Offered from Abroad

[shall be submitted with the Bid if bidder is offering goods from Abroad]

For Goods Offered from Abroad

Name of Bidder _____ Project ID No. _____ Page ____ of ____

1	2	3	4	5	6	7	8	9
Item	Description	Country of origin	Quantity	Unit price CIF port of entry (specify port) or CIP named place (specify border point or place of destination)	Total CIF or CIP price per item (col. 4 x 5)	Unit Price Delivered Duty Unpaid (DDU)	Unit price Delivered Duty Paid (DDP)	Total Price delivered DDP (col 4 x 8)

Name: _____

Legal Capacity: _____

Signature: _____

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

Computation of Net Financial Contracting Capacity (NFCC)

1.	ABC to be Bid	
2.	Total Assets	
3.	Current Assets	
4.	Total Liabilities	
5.	Current Liabilities	
6.	Net Worth (2-4)	
7.	Net Working Capital (3-5)	

FORMULA:

NFCC = [(Current assets minus current liabilities) (15)] minus the value of all outstanding or uncompleted portions of the projects under ongoing contracts, including awarded contracts yet to be started, coinciding with the contract to be bid.

Bid Securing Declaration Form

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

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

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

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

I/We, the undersigned, declare that:

1. I/We understand that, according to your conditions, bids must be supported by a Bid Security, which may be in the form of a Bid Securing Declaration.
2. I/We accept that: (a) I/we will be automatically disqualified from bidding for any procurement contract with any procuring entity for a period of two (2) years upon receipt of your Blacklisting Order; and, (b) I/we will pay the applicable fine provided under Section 6 of the Guidelines on the Use of Bid Securing Declaration, within fifteen (15) days from receipt of the written demand by the procuring entity for the commission of acts resulting to the enforcement of the bid securing declaration under Sections 23.1(b), 34.2, 40.1 and 69.1, except 69.1(f), of the IRR of RA No. 9184; without prejudice to other legal action the government may undertake.
3. I/We understand that this Bid Securing Declaration shall cease to be valid on the following circumstances:
 - a. Upon expiration of the bid validity period, or any extension thereof pursuant to your request;
 - b. I am/we are declared ineligible or post-disqualified upon receipt of your notice to such effect, and (i) I/we failed to timely file a request for reconsideration or (ii) I/we filed a waiver to avail of said right; and
 - c. I am/we are declared the bidder with the Lowest Calculated Responsive Bid, and I/we have furnished the performance security and signed the Contract.

IN WITNESS WHEREOF, I/We have hereunto set my/our hand/s this ____ day of *[month]* *[year]* at *[place of execution]*.

*[Insert NAME OF BIDDER OR ITS AUTHORIZED
REPRESENTATIVE]*

[Insert signatory's legal capacity]
Affiant

[Jurat]

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

