



Bidding Documents for

Procurement of Various Equipment for Office Productivity

NPDC-2024-EPA-ITB-011

(Early Procurement Activity)

2024

Preface

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

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

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

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

- a. All the documents listed in the Table of Contents are normally required for the procurement of Goods. However, they should be adapted as necessary to the circumstances of the particular Procurement Project.
- b. Specific details, such as the “*name of the Procuring Entity*” and “*address for bid submission*,” should be furnished in the Instructions to Bidders, Bid Data Sheet, and Special Conditions of Contract. The final documents should contain neither blank spaces nor options.
- c. This Preface and the footnotes or notes in italics included in the Invitation to Bid, Bid Data Sheet, General Conditions of Contract, Special Conditions of Contract, Schedule of Requirements, and Specifications are not part of the text

of the final document, although they contain instructions that the Procuring Entity should strictly follow.

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

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Glossary of Acronyms, Terms, and Abbreviations

ABC – Approved Budget for the Contract.

BAC – Bids and Awards Committee.

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

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

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

BIR – Bureau of Internal Revenue.

BSP – Bangko Sentral ng Pilipinas.

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

CDA - Cooperative Development Authority.

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

CIF – Cost Insurance and Freight.

CIP – Carriage and Insurance Paid.

CPI – Consumer Price Index.

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

DTI – Department of Trade and Industry.

EXW – Ex works.

FCA – “Free Carrier” shipping point.

FOB – “Free on Board” shipping point.

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

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

GFI – Government Financial Institution.

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

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

GOP – Government of the Philippines.

GPPB – Government Procurement Policy Board.

INCOTERMS – International Commercial Terms.

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

LGUs – Local Government Units.

NFCC – Net Financial Contracting Capacity.

NGA – National Government Agency.

PhilGEPS - Philippine Government Electronic Procurement System.

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

PSA – Philippine Statistics Authority.

SEC – Securities and Exchange Commission.

SLCC – Single Largest Completed Contract.

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

UN – United Nations.

Section I. Invitation to Bid



INVITATION TO BID FOR
Procurement of Various Equipment for Office Productivity
NPDC-2024-EPA-ITB-011

1. The **NATIONAL PARKS DEVELOPMENT COMMITTEE** through the National Expenditure Program (NEP) of 2025 intends to apply the sum of Seven Million Six Hundred Fifty Thousand Five Hundred Two Pesos (Php 7,650,502.00) for Lot 1: ICT Hardware and Printing Equipment and Four Hundred Thousand Pesos (Php 400,000.00) for Lot 2: Communication Equipment being the ABC to payments under the contract for **Procurement of Various Equipment for Office Productivity/ NPDC-2024-EPA-ITB-011**. Bids received in excess of the ABC shall be automatically rejected at bid opening.
2. The **NATIONAL PARKS DEVELOPMENT COMMITTEE** now invites bids for the Early Procurement Activity (EPA) of the above Procurement Project. Delivery of the Goods is required within **ninety (90) calendar days** upon receipt of the Notice to Proceed (NTP). The description of an eligible bidder is contained in the Bidding Documents, particularly, in Section II (Instructions to Bidders).
3. All values indicated on the cost breakdown must be rounded off to two decimal places including the total bid offer.
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.
 - a. Bidding is restricted to Filipino citizens/sole proprietorships, partnerships, or organizations with at least sixty percent (60%) interest or outstanding capital stock belonging to citizens of the Philippines, and to citizens or organizations of a country the laws or regulations of which grant similar rights or privileges to Filipino citizens, pursuant to RA No. 5183.
5. Prospective Bidders may obtain further information from the National **Parks Development Committee** and inspect the Bidding Documents at the address given below during **weekdays from 8:00 AM to 5:00 PM**.

6. A complete set of Bidding Documents may be acquired by interested Bidders on **03-23 December 2024** 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 **Nine Thousand Pesos (PhP 9,000.00) for Lot 1 and One Thousand Pesos (PhP 1,000.00) for Lot 2**. The Procuring Entity shall allow the bidder to present its proof of payment for the fees in person.
7. The National Parks Development Committee will hold a Pre-Bid Conference on **Wednesday, 11 December 2024, 2:45 PM** at the **Lobby, NPDC Office at the Old Planetarium, Padre Burgos Ave., Ermita, Manila** 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 **Monday, 23 December 2024, 12:00 NN at the Lobby, NPDC Office at the Old Planetarium, Padre Burgos Ave., Ermita, Manila**. 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 **Monday, 23 December 2024, 1:00 PM** at the **The Gallery, Rizal Park Luneta, Ermita, Manila**. Bids will be opened in the presence of the bidders' representatives who choose to attend the activity.
11. Bids shall be prepared in one (1) original and five (5) copies using the appropriate Bid forms provided in Section VIII of the Bidding Documents furnished in strict compliance to the requirements of RA 9184. Any erasure, correction, or changes shall be initialed by the bidder or his authorized representative. All pages must be signed on the space provided for. Any unsigned page of the bidder's tender shall be a ground for disqualification.
12. The award of contract for Procurement Projects undertaken through EPA may be made only upon the following conditions and shall be in accordance with Item 7 of Appendix 31 of the 2016 revised IRR of RA 9184:
 - a. approval and effectivity of the funding sources, to wit: (i) General Appropriations Act; (ii) Corporate Budget; (iii) Appropriations Ordinance; or (iv) loan agreement in the case of FAPs; or
 - b. the reenactment of the previous year's budget which constitutes the current year's authorized budget, when authorized by the Constitution, law or rules

13. The **National Parks Development Committee** reserves the right to reject 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.
14. For further information, please refer to:
BEO RAVEN V. BENSURTO
Head, NPDC-BAC Secretariat
National Parks Development Committee
NPDC Office, Padre Burgos St., Ermita, Manila
8880-4895
bac@npdc.gov.ph / bvbensurto@npdc.gov.ph
15. You may visit the following websites for downloading of Bidding Documents:
www.npdc.gov.ph / <https://www.philgeps.gov.ph>

03 December 2024

(Sgd.)
FLORIZZA P. BUCLATIN
NPDC BAC Chairperson

Section II. Instructions to Bidders

1. Scope of Bid

The Procuring Entity, **National Parks Development Committee** wishes to receive Bids for the **SUPPLY AND DELIVERY OF EQUIPMENT AND MATERIALS TO ENHANCE OFFICE PRODUCTIVITY** with identification number **NPDC-2024-EPA-ITB-011**.

The Procurement Project (referred to herein as “Project”) is composed of 1 item, 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 **2025** in the amount of

Lot 1: ICT Hardware and Printing Equipment - Seven Million Six Hundred Fifty Thousand Five Hundred Two Pesos (Php 7,650,502.00).

Lot 2: Communication Equipment - Four Hundred Thousand Pesos (Php 400,000.00)

2.2. The source of funding is:

a. NEP, the National Expenditure Program of 2025

3. Bidding Requirements

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

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

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

4. Corrupt, Fraudulent, Collusive, and Coercive Practices

The Procuring Entity, as well as the Bidders and Suppliers, shall observe the highest standard of ethics during the procurement and execution of the contract. They or through an agent shall not engage in corrupt, fraudulent, collusive, coercive, and

obstructive practices defined under Annex “I” of the 2016 revised IRR of RA No. 9184 or other integrity violations in competing for the Project.

5. Eligible Bidders

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

6. Origin of Goods

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

7. Subcontracts

- 7.1. The Bidder may subcontract portions of the Project to the extent allowed by the Procuring Entity as stated herein, but in no case more than twenty percent (20%) of the Project.
 - a. Subcontracting is not allowed.
- 7.2. Subcontracting of any portion of the Project does not relieve the Supplier of any liability or obligation under the Contract. The Supplier will be responsible for the acts, defaults, and negligence of any subcontractor, its agents, servants, or workmen as fully as if these were the Supplier's own acts, defaults, or negligence, or those of its agents, servants, or workmen.

8. Pre-Bid Conference

The Procuring Entity will hold a pre-bid conference for this Project on the specified date and time and either at its physical address and/or through videoconferencing/webcasting} as indicated in paragraph 6 of the **IB**.

9. Clarification and Amendment of Bidding Documents

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

10. Documents comprising the Bid: Eligibility and Technical Components

- 10.1. The first envelope shall contain the eligibility and technical documents of the Bid as specified in **Section VIII (Checklist of Technical and Financial Documents)**.
- 10.2. The Bidder's SLCC as indicated in **ITB** Clause 5.3 should have been completed 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:

- a. Philippine Pesos.

14. Bid Security

14.1. The Bidder shall submit a Bid Securing Declaration¹ or any form of Bid Security in the amount indicated in the **BDS**, which shall be not less than the percentage of the ABC in accordance with the schedule in the **BDS**.

14.2. The Bid and bid security shall be valid until **One Hundred (120) Calendar Days**. Any Bid not accompanied by an acceptable bid security shall be rejected by the Procuring Entity as non-responsive.

15. Sealing and Marking of Bids

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

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

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

16. Deadline for Submission of Bids

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

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

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:

Option 1 – 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**.
- 21.2. Within ten (10) calendar days from receipt of the Notice to Execute Framework Agreement with the Procuring Entity, the successful Bidder or its duly authorized representative shall formally enter into a Framework Agreement with the procuring entity for an amount of One Peso to be paid to the procuring entity as a consideration for the option granted by the procuring entity to procure the items in the Framework Agreement List when the need arises.

Section III. Bid Data Sheet

Bid Data Sheet

ITB Clause	
5.3	<p>For this purpose, contracts similar to the Project shall be:</p> <p style="text-align: center;">Lot 1: Supply, Delivery and Installation of ICT Hardware and Printing Equipment Lot 2: Supply, Delivery and Installation of LED Wall Video Controller</p> <p>Completed within ten (10) years upon submission of the bid</p>
7.1	Subcontracting is not allowed.
12	The price of the Goods shall be quoted DDP Philippines or the applicable International Commercial Terms (INCOTERMS) for this Project.
14.1	<p>The bid security shall be in the form of a Bid Securing Declaration, or any of the following forms and amounts:</p> <p>Lot 1:</p> <ul style="list-style-type: none"> a. The amount of not less than PhP 153,010.04 if bid security is in cash, cashier's/manager's check, bank draft/guarantee or irrevocable letter of credit; or b. The amount of not less than PhP 382,525.10 if bid security is in Surety Bond. <p>Lot 2:</p> <ul style="list-style-type: none"> a. The amount of not less than PhP 8,000.00 if bid security is in cash, cashier's/manager's check, bank draft/guarantee or irrevocable letter of credit; or b. The amount of not less than PhP 20,000.00 if bid security is in Surety Bond.
15	<p>Bidders shall enclose their original eligibility and technical documents in one sealed envelope marked "ORIGINAL - TECHNICAL COMPONENT", and the original of their financial component in another sealed envelope marked "ORIGINAL - FINANCIAL COMPONENT", sealing them all in an outer envelope marked "ORIGINAL BID"</p> <p>All envelopes shall contain the name of the contract to be bid in capital letters PROCUREMENT OF VARIOUS EQUIPMENT FOR OFFICE PRODUCTIVITY</p> <p>bear the name and address of the Bidder in capital letters; be addressed to the Procuring Entity's BAC in accordance with ITB Clause 1 FLORIZZA P. BUCLATIN</p>

	<p style="text-align: center;">BAC CHAIRPERSON NATIONAL PARKS DEVELOPMENT COMMITTEE P. BURGOS AVE, RIZAL PARK, ERMITA, MANILA</p> <p>bear the specific identification of this bidding process indicated in the ITB Clause 1: NPDC-2024-EPA-ITB-011</p> <p>bear a warning “DO NOT OPEN BEFORE...” the date and time for the opening of bids DO NOT OPEN BEFORE 23 December 2024 1:00 PM</p>
19.3	Not applicable.
20.1	<ol style="list-style-type: none"> 1. If sole proprietorship, DTI Registration certified by DTI; If partnership, SEC Certification of Registration and Articles of Partnership, and List of Partners; If corporation, SEC Certification of Registration and Articles of Incorporation; If joint venture, copy of Joint Venture Agreement certified by SEC; and, if cooperative, Certificate of Registration with the Cooperative Development Authority and Copy of Articles of Cooperation 2. Copy of the Bidder’s Current Business license and permit certified by the issuing office. 3. BIR Registration Certificate and valid BIR Tax Clearance 4. Proof that the Bidder is an established company in the information technology (IT) industry with at least five (10) years of experience in the supply, delivery and installation of ICT Equipment. 5. Certification of undertaking that the Bidder will provide capable professional Engineers / Technicians for the installation and configuration of software in the hardware (Internet Load Balancer, Managed Switches, Access Points and LED Video Wall Controller) 6. Certificate of authorized distributorship / dealership / resellership from the distributor / manufacturer of the product/s offered (Laptop, Load Balancer, Managed Switches and Access point) 7. Certificate of Satisfactory Performance and/or certificate of completion and acceptance from at least three (3) clients for the last five (5) years with similar contracts. Similar contracts refer to the Supply, Delivery and Installation of ICT Equipment.
21.2	Not applicable.

Section IV. General Conditions of Contract

1. Scope of Contract

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

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

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

2. Advance Payment and Terms of Payment

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

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

3. Performance Security

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

4. Inspection and Tests

The Procuring Entity or its representative shall have the right to inspect and/or to test the Goods to confirm their conformity to the Project. 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

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

6. Liability of the Supplier

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

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

Section V. Special Conditions of Contract

Special Conditions of Contract

GCC Clause	
1	<p>Scope of Contract are detailed in the Attached Terms of Reference.</p> <p>For purposes of this Clause the Procuring Entity's Representative at the Project Site is Ms. Kathleen DC. Melendrez Planning Officer IV Planning and Management Division</p> <p>Incidental Services – The Supplier is required to provide all services, including additional services, if any, specified in Section VI. Schedule of Requirements.</p> <p>The Contract price for the Goods shall include the prices charged by the Supplier for incidental services and shall not exceed the prevailing rates charged to other parties by the Supplier for similar services</p>
2	<p>Payment Terms:</p> <p>The payment shall be done within thirty (30) calendar days upon receipt, inspection and acceptance of the items.</p>
5	<p>Warranty - Minimum of One (1) year unless specified in the Technical Specifications</p>

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	Unit	Delivered, Weeks/Months
LOT 1	ICT Hardware and Printing Equipment	1	lot	Ninety (90) calendar days upon receipt of Notice to Proceed
I.	LAPTOP COMPUTERS			
	Processor:	Core i5-13420H4 12M Cache, up to 4.60 GHz or its equivalent		
	Display:	At least 14" WUXGA (1920x1200) IPS 300nits Anti-glare, 45% NTSC		
	Memory:	At least 16GB SO-DIMM DDR4-3200		
	Hard Disk:	At least 512GB SSD M.2 2242 PCIe		
	Video Card:	Integrated Intel UHD Graphics		
	Camera and Microphone:	HD 720p with Privacy Shutter, Array Microphone		
	Connectivity:	with Wi-Fi® 6 AX201, 11ax 2x2 + Bluetooth 5.1		
	Audio:	High Definition (HD)		
	Ports:	At least 1x HDMI, up to 4K/60Hz		
		1x Headphone / microphone combo jack (3.5mm), USB 2.0, USB 4.0, USB 3.2, Ethernet, RJ-45, USB-C, Thunderbolt 4		
	Battery:	Integrated 47Wh		
	Operating System:	Windows® 11 Pro, English		
	Productivity Software:	Microsoft Office Standard 2021		
		33	units	

	<table><tr><td>Accessories:</td><td>Free Bag and Mouse</td></tr><tr><td>Warranty:</td><td>3-year Parts & Labor, 24x7 Support</td></tr></table>	Accessories:	Free Bag and Mouse	Warranty:	3-year Parts & Labor, 24x7 Support																											
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II.	<table><tr><td colspan="2">DESKTOP COMPUTERS (Clone)</td></tr><tr><td>Processor:</td><td>Core i7-14700 or its equivalent</td></tr><tr><td>Display:</td><td>At least 23.8" IPS 165Hz Monitor (2 units)</td></tr><tr><td>Memory:</td><td>At least 32GB DIMM DDR5</td></tr><tr><td>Hard Disk:</td><td>At least 1TB NVME SSD</td></tr><tr><td>Video:</td><td>At least 6 GB DDR6 Graphics Card</td></tr><tr><td>Motherboard:</td><td>Compatible with the processor, memory, hard drive and other major components of a computer</td></tr><tr><td>Audio:</td><td>Integrated High Definition (HD) Audio</td></tr><tr><td>Ports:</td><td>With USB ports, HDMI ports, Headphone / microphone combo jack (3.5mm)</td></tr><tr><td>Power Supply</td><td>650Watts 80 Plus Bronze</td></tr><tr><td>Operating System</td><td>Windows® 11 Pro, English</td></tr><tr><td>Productivity Software</td><td>Microsoft Office Standard 2021</td></tr><tr><td>Accessories</td><td>Computer Case, 650VA UPS, Mouse, Keyboard, Headset, Mouse Pad</td></tr><tr><td>Warranty</td><td>1-year Parts & Labor, 24x7 Support</td></tr></table>	DESKTOP COMPUTERS (Clone)		Processor:	Core i7-14700 or its equivalent	Display:	At least 23.8" IPS 165Hz Monitor (2 units)	Memory:	At least 32GB DIMM DDR5	Hard Disk:	At least 1TB NVME SSD	Video:	At least 6 GB DDR6 Graphics Card	Motherboard:	Compatible with the processor, memory, hard drive and other major components of a computer	Audio:	Integrated High Definition (HD) Audio	Ports:	With USB ports, HDMI ports, Headphone / microphone combo jack (3.5mm)	Power Supply	650Watts 80 Plus Bronze	Operating System	Windows® 11 Pro, English	Productivity Software	Microsoft Office Standard 2021	Accessories	Computer Case, 650VA UPS, Mouse, Keyboard, Headset, Mouse Pad	Warranty	1-year Parts & Labor, 24x7 Support	2	sets	
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	<p>Engine speed: Up to 24/12 pages A4/A3 per minute in color and b/w</p> <p>Resolution: At least 1200 x 1200 dpi (print) 600 x 600 dpi (scan/copy)</p> <p>Warm-up time: Approx. 30 seconds or less from power on</p> <p>Time to first: Approx. 7.5/10.2 seconds or less in B/W / colour print</p> <p>Time to first: Approx. 8.5/11 seconds or less in B/W(DP)/copy: colour(DP)</p> <p>Power consumption Copying/Printing: 580W, Stand-by: 70W, Sleep mode: 0.5W</p> <p>Power source AC 220 ~ 240 V, 50/60 Hz</p> <p>Noise (ISO 7779) Stand-by: 34 dB(A), Copying/Printing in b/w: 52 dB(A) Copying/Printing in colour: 53 dB(A)</p> <p>General memory: 1,536 MB, Max. 3,072 MB</p> <p>PRINT</p> <p>Input capacity At least 100-sheet multi-purpose tray, 60–256 g/m²: A3, A4, A5, A6, B5, Ledger, Letter, Legal, Folio, Custom (98 x 148 to 297 x 432 mm) 500-sheet standard universal paper cassette, 60–256 g/m², A3, A4, A5, B5, Ledger, Letter, Legal, Folio</p> <p>Max. input capacity with options: 1,600 sheets</p> <p>Duplex unit Standard duplex unit: 60-256 g/m²</p> <p>Max. output capacity: Max. 280 sheets: 250 sheets face-down (Main tray), plus 30 sheets (standard Job Separator Tray)</p>			
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	<p>Document processor Standard reversing document processor: 50-sheet, Simplex scan 45–160 g/m², Duplex scan 50–120 g/m², A3, A4, A5, B5, Letter, Legal, Custom (140x182 to 297x432mm)</p> <p>General paper handling Paper thickness of max. 0.11 mm.</p> <p>COPY</p> <p>Max. original size: A3/Ledger</p> <p>Digital copy features: Scan-once-copy-many, sort, 2in1, 4in1, job reserve, priority print, program, auto duplex copy, split copy, continuous scan, auto cassette change, copy density control, Prevent Bleed-Through, ID card copy, Skip blank page</p> <p>Exposure modes: Auto, manual: 7 steps</p> <p>Preset magnification ratios: 5 Reductions/5 Enlargements</p> <p>Zoom range: 25 - 400 % in 1% steps</p> <p>Continuous copy: 1 – 999</p> <p>Image adjustments: Text + Photo, Photo, Text, Map, Printed document</p> <p>SCAN</p> <p>Compression format: MMR/JPEG</p> <p>File type: PDF, PDF/A, JPG, TIFF, XPS, PDF/A-1a/b, PDF/A-2a/b/u, Encrypted PDF High Compression PDF</p> <p>Scan features: Color scan, integrated address book, Active Directory support, encrypted data transfer, multi send (e-mail, fax, SMB/FTP folder, print) at once, Skip blank page</p> <p>Original recognition: Text, photo, text + photo, light text, optimized for OCR</p> <p>Max. scan size: A3/Ledger</p> <p>Scan functionalities: Scan-to-Email, Scan-to-FTP, Scan-to-SMB, Scan to USB Host, Network TWAIN, WIA, WSD scan</p> <p>Scan resolution: 600, 400, 300, 200 dpi (256 grey scales per colour)</p> <p>Scan speed: At least 50 ipm (300 dpi, A4, B/W / colour)</p> <p>FAX</p> <p>Compatibility: ITU-T Super G3</p> <p>Modem speed: Max. 33.6 kbps</p> <p>Scanning speed: At least 2 seconds or less</p> <p>Transmission speed: Max: 33.6 kbps</p> <p>Scanning density: Normal: 8 dot/mm x 3.85 line/mm, Fine: 8 dot/mm x 7.7 line/mm, Superfine: 8 dot/mm x 15.4 line/mm, Ultrafine: 16 dot/mm x 15.4 line/mm, Halftone: 256 gray scales</p>			
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	<p>Max. original size A3/Ledger</p> <p>Compression method: JBIG, MMR, MR, MH</p> <p>Fax features: Network faxing, Duplex transmission and reception, Encrypted transmission and reception, Polling transmission and reception, Broadcast</p> <p>INTERFACE</p> <p>Standard interface: USB 2.0 (Hi-Speed), 2 x USB Host Interface, Gigabit Ethernet (10BaseT/100BaseTX/1000BaseT, IPv6, IPv4, IPSec, 802.3az support), optional Wi-Fi (IEEE 802.11b/g/n), 2 eKUIO slots for optional internal print server, or SSD hard disc and for optional fax system, Slot for optional SD Card, NFC tag</p> <ul style="list-style-type: none"> - 1-year warranty on parts or up to 200,000 copies/print/scan whichever comes first. - 2 years standard free service warranty (on-site) - Bundled with the following supplies: <ul style="list-style-type: none"> ● 3 pieces toners Black ● 2 piece toner Yellow ● 2 piece toner Magenta ● 2 piece toner Cyan <p>Note: Must include training for end-users for the use of photocopiers.</p>			
IV.	<p style="text-align: center;">24-PORT POE SWITCHES</p> <ul style="list-style-type: none"> - Layer 2 Switch - 24x ports 10/100/1000BASE-T ports 4x 1G SFP ports - Dual Core ARM Cortex A9 @ 1016 Mhz 8 GB DDR3, maximum, depending on model 16 GB eMMC - 370W Class 4 PoE/PoE+ - Max Power (w/o PoE): 32.7W - Max Power (w/ PoE): 455W - Latency 1 Gbps: 1.5 µSec - Must provide Duns and Bradsheet on the brand offer at least distributor released - With limited lifetime warranty 	10	units	

	<p>Note:</p> <p>Must include Training to RMIS personnel on the configuration of switches.</p>			
V.	<p style="text-align: center;">ACCESS POINTS</p> <ul style="list-style-type: none"> - AP type: Indoor, dual radio, 5GHz 802.11ax 4x4 MIMO and 2.4GHz 802.11ax 2x2 MIMO - Support for up to 256 associated client devices per radio, and up to 16 BSSIDs per radio - Link aggregation (LACP) support between both network ports for redundancy and increased capacity - DC power interface: 12Vdc (nominal, +/- 5%), accepts 2.1mm/5.5mm center-positive circular plug with 9.5mm length - USB 2.0 host interface (Type A connector) - Bluetooth 5 and Zigbee (802.15.4) radio - The AP supports direct DC power and Power over Ethernet (POE; on port E0) - Bundled with POE Injector, Mounting Kit and Power Cord - Must provide Duns and Bradsheet on the brand offer at least distributor released - With limited lifetime warranty <p>Note:</p> <p>Must include Training to RMIS personnel on the configuration of access points.</p>	8	units	
VI.	<p style="text-align: center;">INTERNET LOAD BALANCER</p> <ul style="list-style-type: none"> - Ethernet WAN Ports (3GE) ISP PORT - LAN Ports (3GE) - USB WAN Modem Port 1 - Expansion Modules (option) 1 - Recommended Users 50-500 - Stateful Firewall Throughput 3Gbps - Load Balancing/Failover - Inbound Load Balancing - SpeedFusion Bandwidth Bonding or its equivalent - L2TP / PPTP VPN Serve 	1	unit	

	<div>- One year warranty</div> <div>Note:</div> <div>Must include Training to RMIS personnel on the configuration and setup of the proposed internet load balancer.</div>																																															
VII.	<div>FIBER OPTICS FUSION KIT</div> <div>FIBER OPTIC SPLICER MACHINE</div> <table><tr><td>Fiber Alignment:</td><td>High Precision PAS Alignment</td></tr><tr><td>Fiber Type:</td><td>SM (ITU-T G.652), MM (ITU-T G.651),DS (ITU-T G.653), NZ/NZDS (ITU-T G .655), BI (ITU-T G.657)</td></tr><tr><td>Splice Mode:</td><td>Single Fiber</td></tr><tr><td>Fiber Diameter:</td><td>Cladding diameter 80-150um. Coating 100-1000um</td></tr><tr><td>Cleave Length:</td><td>250um cladding diameter 8-16mm, over 250um cladding diameter 8-16mm</td></tr><tr><td>Splicing Programs:</td><td>Maximum of 100</td></tr><tr><td>Splicing Cycle Time:</td><td>Minimum 6 seconds</td></tr><tr><td>Heating Program:</td><td>Maximum of 30 seconds</td></tr><tr><td>Average splice loss:</td><td>0.02dB(SM),0.01dB(MM),0.04dB(DS),0.04dB(NZDS), 0.02dB (BI)</td></tr><tr><td>Return loss:</td><td>≥ 60dB</td></tr><tr><td>Environment conditions:</td><td>-25~+50°C (operation temperature), 0~95%RH (humidity), 0~5000m (altitude)</td></tr><tr><td>Storage environment:</td><td>-40~ +80°C (temperature) , 0~95%RH (humidity)</td></tr><tr><td>Protection sleeve length:</td><td>20mm ,40mm ,60mm</td></tr><tr><td>Tension test:</td><td>1.96-2.25 N (Standard)</td></tr><tr><td>Interface:</td><td>High Speed USB</td></tr><tr><td>Power supply:</td><td>AC 100-240V, 50/60Hz</td></tr><tr><td>Battery Module:</td><td>4000mAH High Capacity Battery</td></tr></table> <div>OPTICAL POWER METER</div> <table><tr><td>Equipment Type</td><td>Optical Power Meter</td></tr><tr><td>Connector Type</td><td>Fixed SC</td></tr><tr><td>Wavelengths</td><td>850 nm, 1300 nm, 1310 nm, 1490 nm, 1550 nm, 1625 nm</td></tr><tr><td>Resolution</td><td>0.01 dB</td></tr><tr><td>Interface Type</td><td>USB</td></tr></table>	Fiber Alignment:	High Precision PAS Alignment	Fiber Type:	SM (ITU-T G.652), MM (ITU-T G.651),DS (ITU-T G.653), NZ/NZDS (ITU-T G .655), BI (ITU-T G.657)	Splice Mode:	Single Fiber	Fiber Diameter:	Cladding diameter 80-150um. Coating 100-1000um	Cleave Length:	250um cladding diameter 8-16mm, over 250um cladding diameter 8-16mm	Splicing Programs:	Maximum of 100	Splicing Cycle Time:	Minimum 6 seconds	Heating Program:	Maximum of 30 seconds	Average splice loss:	0.02dB(SM),0.01dB(MM),0.04dB(DS),0.04dB(NZDS), 0.02dB (BI)	Return loss:	≥ 60dB	Environment conditions:	-25~+50°C (operation temperature), 0~95%RH (humidity), 0~5000m (altitude)	Storage environment:	-40~ +80°C (temperature) , 0~95%RH (humidity)	Protection sleeve length:	20mm ,40mm ,60mm	Tension test:	1.96-2.25 N (Standard)	Interface:	High Speed USB	Power supply:	AC 100-240V, 50/60Hz	Battery Module:	4000mAH High Capacity Battery	Equipment Type	Optical Power Meter	Connector Type	Fixed SC	Wavelengths	850 nm, 1300 nm, 1310 nm, 1490 nm, 1550 nm, 1625 nm	Resolution	0.01 dB	Interface Type	USB	2	units	
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	Maximum Power Measurement	+10dBm			
	Battery Type	AA			
	Battery Life	50 h			
	Power Source	Battery			
	Includes	Case, SC Adapter			
	Dimensions	80 x 39 x 165mm			
	Length	80mm			
	Width	39mm			
	Weight	325g			
	Model Number	SimpliFiber Pro			
	Height	165mm			
	Minimum Operating Temperature	-10°C			
	Minimum Output Power	-7dBm			
	Maximum Operating Temperature	+50°C			
	Note:				
Must include training for RMIS personnel for the use of Fiber Optic Splicer Machine and Optical Power Meter.					

DSLR/MIRRORLESS CAMERAS AND COMPLETE ACCESSORIES

DSLR CAMERA WITH LENS

AF Modes:	One-Shot AF, AI Focus AF (stills), Servo AF / Movie Servo AF
AF Selection:	Point Spot AF, 1-point AF, Expand AF area (above/below/left/right or around), Flexible Zone AF 1/2/3, Whole area AF
AF System Points	Up to 651 AF frame zones
Built-in Flash:	Available
Closest Focusing Distance (cm):	20 (AF, f=18mm) 15 (MF, f=18mm)
Continuous Shooting Speed:	Electronic 1st curtain: 12 Electronic shutter: 15
(Shots Per Sec)	1st curtain: 12
(Up To)	Electronic shutter: 15*

*If flicker is detected, continuous shooting will slow down even when anti-flicker shooting is turned off.

Digital Zoom	Digital Tele-converter x2.0 & x4.0
Dimensions (Excl. Protrusions) (mm) (Approx.)	116.3 × 85.5 × 113.1
Drive System	Leadscrew-type STM
Effective ISO	Stills: 100–32,000 (H:51,200) Movie: 100–12,800 (H:25,600) HDR PQ movies: ISO 100–12,800
Effective Pixels (Megapixels)	24.2
Exposure Compensation	±3 stops in 1/3-stop increments AEB: ±3 stops in 1/3-stop increments
Eye Detection AF	Yes (Auto)
Flash Modes	E-TTL II flash metering / Manual flash
Focal Length (35mm Equivalent)	29-72mm
Guide Number ISO 100 metres	6
Image Resolution	6000×4000 (JPEG L/RAW/C-RAW/HEIF) 3984×2656 (HEIF, JPEG M) 2976×1984 (HEIF, JPEG S1) 2400×1600 (HEIF, JPEG S2)
In-body Image Stabilizer (sensor shift IS)	No
LCD Monitor Resolutions (dots)	At least 1.62 million
Manual Focus	Yes

2

sets

	<p>Memory Card Type: Single Card Slot (SD, SDHC*, SDXC*) *UHS-I cards compatible</p> <p>Metering Mode: Stills: Evaluative, Partial, Spot, Center-weighted average Movie: Evaluative</p> <p>Movie Digital IS: Yes</p> <p>Movie Format: MP4</p> <p>Optical Image Stabilizer: Yes</p> <p>Optical Zoom: 2.5x</p> <p>Optional Power: AC Power (AC Adapter AC-E6N and DC Coupler DR-E18) USB Power (PD-E1)</p> <p>Peripheral Connections: USB Type-C (Hi-Speed USB (USB 2.0) equivalent External microphone IN HDMI micro (Type D) Multi-function Shoe</p> <p>Processor Type: DIGIC X</p> <p>Sensor Size: APS-C CMOS</p> <p>Shooting Modes: Stills : A+/Hybrid Auto/Special scene/Creative filters/P/Tv/Av/M</p> <p>Movies : Movie for close-up demos/Movie IS mode/HDR movies/Movie auto exposure/Movie manual exposure/Custom shooting mode (C mode)</p> <p>Shutter Speed Range (Sec.): Stills: Electronic 1st-curtain: 30 - 1/4000 Electronic shutter: 30 - 1/8000</p> <p>Movie recording: Auto exposure: 1/25* - 1/4000 Manual exposure: 1/8* - 1/4000 *Varies by shooting mode and frame rate</p> <p>Silent Shutter: Yes</p> <p>Still Image Format: JPEG, HEIF, RAW, C-RAW</p> <p>Viewfinder: 100%</p> <p>Coverage (Approx.)</p> <p>X-sync (sec.) Electronic 1st curtain: 1/250</p> <p>ACCESSORIES</p> <ul style="list-style-type: none"> - Additional Two (2) units Lithium-Ion Battery Pack and Charger (Original) - 64GB SD Card - Crane 3S Gimbal / Stabilizer - Compact Tripod Advanced with 3-way Head 			
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	<p>Note:</p> <ul style="list-style-type: none"> - Must include training for end-users for the use of DSLR Cameras and its accessories. One year warranty on DSLR camera and lens. 			
VIII.	<p>PROJECTOR</p> <ul style="list-style-type: none"> - WXGA Resolution - At least 14,000:1 Contrast Ratio - Non Interactive Inputs & Interfaces - At least 2000 Brightness Range Lumens, - Ultra-Short Throw 80" 47cm projection feature - At least 10,000 Hours Lamp Life in Eco Mode - Multi-PC Projection - At least 3x HDMI - With Wi-Fi feature - Uses Lamp technology - RGB liquid crystal shutter projection system (3LCD) - 100 - 240 V AC ±10%, 50/60 Hz power 	2	units	

	<ul style="list-style-type: none"> - With a free Projector screen, at least 100" diagonal size, 4:3 Ratio, Auto-locking mechanism control height adjustment. Maxwhite screen material 1:1 gain, 160" wide viewing angle - One year warranty <p>Note:</p> <p>Must include training for end-users for the use of Projector and its accessories.</p>			
IX.	<p>MULTIFUNCTION TECHNICAL PRINTER 36"</p> <ul style="list-style-type: none"> - At least 31 sec/page on A1 - At least 36 inches maximum printing area - At least 2400 x 1200 resolution - 4 colors (C,M,Y, MK), pigment ink - Scan/Copy resolution: minimum 600dpi - Scan Format: JPEG, PDF, TIFF - 1GB Built-In Memory - Sheet and Roll paper - with input tray - with automatic cutter - USB, LAN, Wi-fi Ready - With Touch Screen Panel - With Three (3) Years Warranty on Parts and Onsite Services including print heads - Bundled with the following supplies: <ul style="list-style-type: none"> • 1 roll Plotter Paper • 1 roll Digital Blueprint Paper • 1 roll Tracing Paper 36" • USB Cable Printer • 4 sets each of 50ml Cyan (C) Inks • 4 sets each of 50ml Magenta (M) Inks • 4 sets each of 50ml Yellow (Y) Inks • 4 sets each of 50ml Matte Black (MK) inks <p>Note:</p> <p>Must include training for end-users for the setup, installation, configuration and maintenance of Multifunction Technical Printer.</p>			
X.	<p>A3 INK TANK MULTI-FUNCTION PRINTER</p> <p>Printer Type: Inkjet printer</p>	18	units	

	<p>Functions: Print, Copy, Scan</p> <p>Connectivity: WiFi, AirPrint, Mopria, WiFi Direct, LAN, USB 2.0</p> <p>Memory Capacity: Minimum of 128MB</p> <p>Power Source: AC 220 to 240 V 50/60 Hz</p> <p>Supported Operating System: Windows 7 SPI/8/8.1/10 Server 2008/2008 R2/2012/2012 R2/2016</p> <p>macOS v10.11.6/10.12.x/10.13.x</p> <p>PRINT</p> <p>Print Speed: A4 print speed up to 22 ipm (Black)/ 20 ipm (Colour)</p> <p>Paper Type: Plain, Inkjet, Glossy (cast/resin), Recycled</p> <p>Paper Size: A4, Letter, Executive, B5A3, Ledger, B4, Legal, Folio, A5, B6, A6, Photo-4"x6", Indexcard-5"x8", Photo-3.5"x5", Photo-5"x7", C5 Envelope, Com-10 Envelope, DL Envelope, Monarch Envelope, Mexico Legal, India Legal</p> <p>Maximum Paper Capacity: Up to 250 sheets (80 gsm)</p> <p>Resolution: up to 1200x4800 dpi</p> <p>Borderless Print: A4, Letter, A6, Photo (10 cm x 15 cm), Photo L (89 mm x 127 mm), Photo 2L (13 cm x 18 cm), Index Card (127 mm x 203 mm), A3, Ledger</p> <p>2-Sided (Duplex) - Paper Size: A3, Ledger, JIS B4, Legal, Folio, A4, Letter, Executive, A5, JIS B5, JIS B6, Mexico Legal, India Legal</p> <p>Paper Handling: Auto 2-sided (Duplex) printing, 50 sheets Auto-Document Feeder (ADF), 2.7" Colour LCD touchscreen</p> <p>COPY</p> <p>Colour / Monochrome: Yes</p> <p>Enlarge/ Reduce: 25% to 400% (in increments of 1%)</p> <p>Resolution: Print: Max. 1200x4800 dpi</p> <p>Scan: Max. 600x600 dpi (FB)</p> <p>Max. 300x600 dpi (ADF)</p> <p>SCAN</p> <p>Resolution - Interpolated: Max. 19,200 dpi x 19,200 dpi</p>			
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	<p>Resolution / ADF: Max. 600 dpi × 600 dpi (optical)</p> <p>Resolution / Scanner Glass: Max. 1,200 dpi × 2,400 dpi (optical)</p> <p>Note:</p> <ul style="list-style-type: none"> - Bundled with the following supplies: <ul style="list-style-type: none"> ● 36 pieces 50ml Cyan (C) Inks ● 36 pieces 50ml Magenta (M) Inks ● 36 pieces 50ml Yellow (Y) Inks ● 72 pieces 50ml Black (BK) inks - One year warranty - Must include training for the end-user for the use of the ID printer and its maintenance. 			
XI.	<p style="text-align: center;">ID PRINTER</p> <ul style="list-style-type: none"> - Dual Sided, UK/EU/US Cords, USB & Ethernet, Windows Driver (with flipper) - At least 300 dpi (11.8 dots/mm) print resolution - Auto calibration of ribbon - Manual card feeding capability with LED bezel - 3 Tricolor printer status indicator lights - Edge-to-edge printing on standard CR-80 media - Full-color or monochrome printing - Single and dual-sided printing - 900 cards/hour single sided monochrome - Premium Software and license for the ID printer - Bundled with the following supplies: <ul style="list-style-type: none"> ● 1,000 pieces PVC Cards ● Cleaning Card Kit, 5 cards 	1	unit	

	<ul style="list-style-type: none"> • 5 pieces Ribbons, Color –YMCKOK, 200 images, RoA – One year warranty <p>Note:</p> <p>Must include training for the end-user for the use of the ID printer and its maintenance.</p>			
LOT 2	Communication Equipment	1	lot	Ninety (90) calendar days upon receipt of Notice to Proceed
	<p align="center">LED WALL VIDEO CONTROLLER (WITH DISPLAY ACCESSORIES AND CONTROL PC)</p> <p>LED WALL VIDEO CONTROLLER</p> <ul style="list-style-type: none"> – At least 7x inputs <ul style="list-style-type: none"> • 2x 3G-SDI • 2x HDMI 1.3 • 1x DVI • 1x DVI (IN+LOOP) • 1x USB – At least 2x types of output connectors <ul style="list-style-type: none"> • 6x Gigabit Ethernet ports <p>Video output capacity up to 3,900,000 pixels, with the width or height up to 4096 pixels</p> <ul style="list-style-type: none"> • 1x DVI for monitoring <p>Support PVW or PGM monitoring, and the monitoring resolution is adjustable</p>	1	unit	

	<ul style="list-style-type: none"> - At least 3x window <ul style="list-style-type: none"> • Adjustable window position and size • Z-order sorting • 3 scaling modes for window output: <ol style="list-style-type: none"> 1. Full screen 2. Pixel to pixel 3. Custom - At least 2x screen configuration methods <ul style="list-style-type: none"> • Quick screen configuration • Advanced screen configuration - At least 2x system modes <ul style="list-style-type: none"> • Direct mode <p>Support display content monitoring.</p> <ul style="list-style-type: none"> • Switcher mode <p>Switch the PVW to PGM by pressing only the TAKE button</p> - Screen brightness adjustment - Multiple VX6s units linked to load a screen - 16x user presets saved as templates and conveniently recalled by pressing the number buttons on the front panel - Lock to the HDMI, SDI or DVI input source to achieve vertical synchronization between outputs of multiple VX6s units. - Accessories for the installation of Video Panels - One year warranty <p>CONTROL PC</p> <ul style="list-style-type: none"> - Core i5 processor 13th Generation or its equivalent 			
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	<ul style="list-style-type: none"> - at least 16 GB Memory card - at least 512GB SSD Storage - Intel Iris Xe Graphics or its equivalent - With Wireless Wi-fi 6E AX211/802.11 a/b/g/n/ac/ax wireless LAN - Gigabit Ethernet - MicroSD Card Reader - 50Wh Li-10 Battery - With Windows 11 Pro 64-bit <p>Note:</p> <p>Must include training for end-users for the use of LED Video Controller and its installation.</p>			
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I hereby certify to comply and deliver all the above requirements:

NAME OF BIDDER

SIGNATURE

DATE

Section VII. Technical Specifications

Technical Specifications

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

I.	LAPTOP COMPUTERS		33	units	
	Processor:	Core i5-13420H4 12M Cache, up to 4.60 GHz or its equivalent			
	Display:	At least 14" WUXGA (1920x1200) IPS 300nits Anti-glare, 45% NTSC			
	Memory:	At least 16GB SO-DIMM DDR4-3200			
	Hard Disk:	At least 512GB SSD M.2 2242 PCIe			
	Video Card:	Integrated Intel UHD Graphics			
	Camera and Microphone:	HD 720p with Privacy Shutter, Array Microphone			
	Connectivity:	with Wi-Fi® 6 AX201, 11ax 2x2 + Bluetooth 5.1			
	Audio:	High Definition (HD)			
	Ports:	At least 1x HDMI, up to 4K/60Hz			
		1x Headphone / microphone combo jack (3.5mm), USB 2.0, USB 4.0, USB 3.2, Ethernet, RJ-45, USB-C, Thunderbolt 4			
	Battery:	Integrated 47Wh			
	Operating System:	Windows® 11 Pro, English			
	Productivity Software:	Microsoft Office Standard 2021			
	Accessories:	Free Bag and Mouse			
	Warranty:	3-year Parts & Labor, 24x7 Support			
II.	DESKTOP COMPUTERS (Clone)		2	sets	
	Processor:	Core i7-14700 or its equivalent			
	Display:	At least 23.8" IPS 165Hz Monitor (2 units)			
	Memory:	At least 32GB DIMM DDR5			
	Hard Disk:	At least 1TB NVME SSD			

	Video:	At least 6 GB DDR6 Graphics Card			
	Motherboard:	Compatible with the processor, memory, hard drive and other major components of a computer			
	Audio:	Integrated High Definition (HD) Audio			
	Ports:	With USB ports, HDMI ports, Headphone / microphone combo jack (3.5mm)			
	Power Supply	650Watts 80 Plus Bronze			
	Operating System	Windows® 11 Pro, English			
	Productivity Software	Microsoft Office Standard 2021			
	Accessories	Computer Case, 650VA UPS, Mouse, Keyboard, Headset, Mouse Pad			
	Warranty	1-year Parts & Labor, 24x7 Support			
III.	PHOTOCOPIER WITH SCANNER General type: Color Multifunctional for A4/A3 format Technology: Color Laser Engine speed: Up to 24/12 pages A4/A3 per minute in color and b/w Resolution: At least 1200 x 1200 dpi (print) 600 x 600 dpi (scan/copy) Warm-up time: Approx. 30 seconds or less from power on Time to first print :Approx. 7.5/10.2 seconds or less in B/W / colour Time to first copy: Approx. 8.5/11 seconds or less in B/W(DP)/ colour(DP) Power consumption Copying/Printing: 580W, Stand-by: 70W, Sleep mode: 0.5W Power source AC 220 ~ 240 V, 50/60 Hz Noise (ISO 7779) Stand-by: 34 dB(A), Copying/Printing in b/w: 52 dB(A) Copying/Printing in colour: 53 dB(A)		1	unit	

	<p>General memory: 1,536 MB, Max. 3,072 MB</p> <p>PRINT</p> <p>Input capacity At least 100-sheet multi-purpose tray, 60–256 g/m²: A3, A4, A5, A6, B5, Ledger, Letter, Legal, Folio, Custom (98 x 148 to 297 x 432 mm) 500-sheet standard universal paper cassette, 60–256 g/m², A3, A4, A5, B5, Ledger, Letter, Legal, Folio</p> <p>Max. input capacity with options: 1,600 sheets</p> <p>Duplex unit Standard duplex unit: 60-256 g/m²</p> <p>Max. output capacity: Max. 280 sheets: 250 sheets face-down (Main tray), plus 30 sheets (standard Job Separator Tray)</p> <p>Document processor Standard reversing document processor: 50-sheet, Simplex scan 45–160 g/m², Duplex scan 50–120 g/m², A3, A4, A5, B5, Letter, Legal, Custom (140x182 to 297x432mm)</p> <p>General paper handling Paper thickness of max. 0.11 mm.</p> <p>COPY</p> <p>Max. original size: A3/Ledger</p> <p>Digital copy features: Scan-once-copy-many, sort, 2in1, 4in1, job reserve, priority print, program, auto duplex copy, split copy, continuous scan, auto cassette change, copy density control, Prevent Bleed-Through, ID card copy, Skip blank page</p> <p>Exposure modes: Auto, manual: 7 steps</p> <p>Preset magnification ratios: 5 Reductions/5 Enlargements</p> <p>Zoom range: 25 - 400 % in 1% steps</p> <p>Continuous copy: 1 – 999</p> <p>Image adjustments: Text + Photo, Photo, Text, Map, Printed document</p>			
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	<p>SCAN</p> <p>Compression format: MMR/JPEG</p> <p>File type: PDF, PDF/A, JPG, TIFF, XPS, PDF/A-1a/b, PDF/A-2a/b/u, Encrypted PDF High Compression PDF</p> <p>Scan features: Color scan, integrated address book, Active Directory support, encrypted data transfer, multi send (e-mail, fax, SMB/FTP folder, print) at once, Skip blank page</p> <p>Original recognition: Text, photo, text + photo, light text, optimized for OCR</p> <p>Max. scan size: A3/Ledger</p> <p>Scan functionalities: Scan-to-Email, Scan-to-FTP , Scan-to-SMB, Scan to USB Host, Network TWAIN, WIA, WSD scan</p> <p>Scan resolution: 600, 400, 300, 200 dpi (256 grey scales per colour)</p> <p>Scan speed: At least 50 ipm (300 dpi, A4, B/W / colour)</p> <p>FAX</p> <p>Compatibility: ITU-T Super G3</p> <p>Modem speed: Max. 33.6 kbps</p> <p>Scanning speed: At least 2 seconds or less</p> <p>Transmission speed: Max: 33.6 kbps</p> <p>Scanning density: Normal: 8 dot/mm x 3.85 line/mm, Fine: 8 dot/mm x 7.7 line/mm, Superfine: 8 dot/mm x 15.4 line/mm, Ultrafine: 16 dot/mm x 15.4 line/mm, Halftone: 256 gray scales</p> <p>Max. original size: A3/Ledger</p> <p>Compression method: JBIG, MMR, MR, MH</p> <p>Fax features: Network faxing, Duplex transmission and reception, Encrypted transmission and reception, Polling transmission and reception, Broadcast</p> <p>INTERFACE</p>			
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	<p>Standard interface: USB 2.0 (Hi-Speed), 2 x USB Host Interface, Gigabit Ethernet (10BaseT/100BaseTX/1000BaseT, IPv6, IPv4, IPSec, 802.3az support), optional Wi-Fi (IEEE 802.11b/g/n), 2 eKUIO slots for optional internal print server, or SSD hard disc and for optional fax system, Slot for optional SD Card, NFC tag</p> <ul style="list-style-type: none"> - 1-year warranty on parts or up to 200,000 copies/print/scan whichever comes first. - 2 years standard free service warranty (on-site) - Bundled with the following supplies: <ul style="list-style-type: none"> • 3 pieces toners Black • 2 piece toner Yellow • 2 piece toner Magenta • 2 piece toner Cyan <p>Note: Must include training for end-users for the use of photocopiers.</p>			
IV.	<p>24-PORT POE SWITCHES</p> <ul style="list-style-type: none"> - Layer 2 Switch - 24x ports 10/100/1000BASE-T ports 4x 1G SFP ports - Dual Core ARM Cortex A9 @ 1016 Mhz 8 GB DDR3, maximum, depending on model 16 GB eMMC - 370W Class 4 PoE/PoE+ - Max Power (w/o PoE): 32.7W - Max Power (w/ PoE): 455W - Latency 1 Gbps: 1.5 µSec - Must provide Duns and Bradsheet on the brand offer at least distributor released - With limited lifetime warranty <p>Note: Must include Training to RMIS personnel on the configuration of switches.</p>	10	units	

V.	<p>ACCESS POINTS</p> <ul style="list-style-type: none"> - AP type: Indoor, dual radio, 5GHz 802.11ax 4x4 MIMO and 2.4GHz 802.11ax 2x2 MIMO - Support for up to 256 associated client devices per radio, and up to 16 BSSIDs per radio - Link aggregation (LACP) support between both network ports for redundancy and increased capacity - DC power interface: 12Vdc (nominal, +/- 5%), accepts 2.1mm/5.5mm center-positive circular plug with 9.5mm length - USB 2.0 host interface (Type A connector) - Bluetooth 5 and Zigbee (802.15.4) radio - The AP supports direct DC power and Power over Ethernet (POE; on port E0) - Bundled with POE Injector, Mounting Kit and Power Cord - Must provide Duns and Bradsheet on the brand offer at least distributor released - With limited lifetime warranty <p>Note: Must include Training to RMIS personnel on the configuration of access points.</p>	8	units	
VI.	<p>INTERNET LOAD BALANCER</p> <ul style="list-style-type: none"> - Ethernet WAN Ports (3GE) ISP PORT - LAN Ports (3GE) - USB WAN Modem Port 1 - Expansion Modules (option) 1 - Recommended Users 50-500 - Stateful Firewall Throughput 3Gbps - Load Balancing/Failover - Inbound Load Balancing - SpeedFusion Bandwidth Bonding or its equivalent - L2TP / PPTP VPN Serve - One year warranty <p>Note:</p>	1	unit	

	Must include Training to RMIS personnel on the configuration and setup of the proposed internet load balancer.																																											
VII.	<div><div><div><div><div>FIBER OPTICS FUSION KIT</div><div>FIBER OPTIC SPLICER MACHINE</div></div><table><tr><td>Fiber Alignment:</td><td>High Precision PAS Alignment</td></tr><tr><td>Fiber Type:</td><td>SM (ITU-T G.652), MM (ITU-T G.651),DS (ITU-T G.653), NZ/NZDS (ITU-T G .655), BI (ITU-T G.657)</td></tr><tr><td>Splice Mode:</td><td>Single Fiber</td></tr><tr><td>Fiber Diameter:</td><td>Cladding diameter 80-150um. Coating 100-1000um</td></tr><tr><td>Cleave Length:</td><td>250um cladding diameter 8-16mm, over 250um cladding diameter 8-16mm</td></tr><tr><td>Splicing Programs:</td><td>Maximum of 100</td></tr><tr><td>Splicing Cycle Time:</td><td>Minimum 6 seconds</td></tr><tr><td>Heating Program:</td><td>Maximum of 30 seconds</td></tr><tr><td>Average splice loss:</td><td>0.02dB(SM),0.01dB(MM),0.04dB(DS),0.04dB(NZ DS), 0.02dB (BI)</td></tr><tr><td>Return loss:</td><td>≥ 60dB</td></tr><tr><td>Environment conditions:</td><td>-25~+50°C (operation temperature), 0~95%RH (humidity), 0~5000m (altitude)</td></tr><tr><td>Storage environment:</td><td>-40~ +80°C (temperature) , 0~95%RH (humidity)</td></tr><tr><td>Protection sleeve length:</td><td>20mm ,40mm ,60mm</td></tr><tr><td>Tension test:</td><td>1.96-2.25 N (Standard)</td></tr><tr><td>Interface:</td><td>High Speed USB</td></tr><tr><td>Power supply:</td><td>AC 100-240V, 50/60Hz</td></tr><tr><td>Battery Module:</td><td>4000mAH High Capacity Battery</td></tr></table><div><div>OPTICAL POWER METER</div><table><tr><td>Equipment Type</td><td>Optical Power Meter</td></tr><tr><td>Connector Type</td><td>Fixed SC</td></tr><tr><td>Wavelengths</td><td>850 nm, 1300 nm, 1310 nm, 1490 nm, 1550 nm, 1625 nm</td></tr></table></div></div></div></div>	Fiber Alignment:	High Precision PAS Alignment	Fiber Type:	SM (ITU-T G.652), MM (ITU-T G.651),DS (ITU-T G.653), NZ/NZDS (ITU-T G .655), BI (ITU-T G.657)	Splice Mode:	Single Fiber	Fiber Diameter:	Cladding diameter 80-150um. Coating 100-1000um	Cleave Length:	250um cladding diameter 8-16mm, over 250um cladding diameter 8-16mm	Splicing Programs:	Maximum of 100	Splicing Cycle Time:	Minimum 6 seconds	Heating Program:	Maximum of 30 seconds	Average splice loss:	0.02dB(SM),0.01dB(MM),0.04dB(DS),0.04dB(NZ DS), 0.02dB (BI)	Return loss:	≥ 60dB	Environment conditions:	-25~+50°C (operation temperature), 0~95%RH (humidity), 0~5000m (altitude)	Storage environment:	-40~ +80°C (temperature) , 0~95%RH (humidity)	Protection sleeve length:	20mm ,40mm ,60mm	Tension test:	1.96-2.25 N (Standard)	Interface:	High Speed USB	Power supply:	AC 100-240V, 50/60Hz	Battery Module:	4000mAH High Capacity Battery	Equipment Type	Optical Power Meter	Connector Type	Fixed SC	Wavelengths	850 nm, 1300 nm, 1310 nm, 1490 nm, 1550 nm, 1625 nm	2	units	
Fiber Alignment:	High Precision PAS Alignment																																											
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	Resolution	0.01 dB				
	Interface Type	USB				
	Maximum Power Measurement	+10dBm				
	Battery Type	AA				
	Battery Life	50 h				
	Power Source	Battery				
	Includes	Case, SC Adapter				
	Dimensions	80 x 39 x 165mm				
	Length	80mm				
	Width	39mm				
	Weight	325g				
	Model Number	SimpliFiber Pro				
	Height	165mm				
	Minimum Operating Temperature	-10°C				
	Minimum Output Power	-7dBm				
	Maximum Operating Temperature	+50°C				
Note: Must include training for RMIS personnel for the use of Fiber Optic Splicer Machine and Optical Power Meter.						

DSLR/MIRRORLESS CAMERAS AND COMPLETE ACCESSORIES				
DSLR CAMERA WITH LENS				
AF Modes:	One-Shot AF, AI Focus AF (stills), Servo AF / Movie Servo AF			
AF Point Selection:	Spot AF, 1-point AF, Expand AF area (above/below/left/right or around), Flexible Zone AF 1/2/3, Whole area AF			
AF System Points	Up to 651 AF frame zones			
Built-in Flash:	Available			
Closest Focusing Distance (cm):	20 (AF, f=18mm) 15 (MF, f=18mm)			
Continuous Shooting Speed: (Shots Per Sec) (Up To)	Electronic 1st curtain: 12 Electronic shutter: 15 Electronic 1st curtain: 12 Electronic shutter: 15*			
	*If flicker is detected, continuous shooting will slow down even when anti-flicker shooting is turned off.	2	sets	
Digital Zoom	Digital Tele-converter x2.0 & x4.0			
Dimensions (Excl. Protrusions) (mm) (Approx.)	116.3 × 85.5 × 113.1			
Drive System	Leadscrew-type STM			
Effective ISO	Stills: 100–32,000 (H:51,200) Movie: 100–12,800 (H:25,600) HDR PQ movies: ISO 100–12,800			
Effective Pixels (Megapixels)	24.2			
Exposure Compensation	±3 stops in 1/3-stop increments AEB: ±3 stops in 1/3-stop increments			
Eye Detection AF	Yes (Auto)			

	Flash Modes	E-TTL II flash metering / Manual flash			
	Focal Length (35mm Equivalent)	29-72mm			
	Guide Number ISO 100 metres	6			
	Image Resolution	6000×4000 (JPEG L/RAW/C- RAW/HEIF) 3984×2656 (HEIF, JPEG M) 2976×1984 (HEIF, JPEG S1) 2400×1600 (HEIF, JPEG S2)			
	In-body Image Stabilizer (sensor shift IS)	No			
	LCD Monitor Resolutions (dots)	At least 1.62 million			
	Manual Focus	Yes			
	Memory Card Type	Single Card Slot (SD, SDHC*, SDXC*) *UHS-I cards compatible			
	Metering Mode:	Stills: Evaluative, Partial, Spot, Center-weighted average Movie: Evaluative			
	Movie Digital IS:	Yes			
	Movie Format:	MP4			
	Optical Image Stabilizer:	Yes			
	Optical Zoom:	2.5x			
	Optional Power:	AC Power (AC Adapter AC- E6N and DC Coupler DR- E18) USB Power (PD-E1)			
	Peripheral Connections:	USB Type-C (Hi-Speed USB (USB 2.0) equivalent External microphone IN HDMI micro (Type D) Multi-function Shoe			
	Processor Type:	DIGIC X			
	Sensor Size:	APS-C CMOS			
	Shooting Modes	Stills : A+/Hybrid Auto/Special scene/Creative			

	<p>filters/P/Tv/Av/M</p> <p>Movies : Movie for close-up demos/Movie IS mode/HDR movies/Movie auto exposure/Movie manual exposure/Custom shooting mode (C mode)</p> <p>Shutter Speed Range (Sec.): Stills: Electronic 1st-curtain: 30 - 1/4000 Electronic shutter: 30 - 1/8000</p> <p>Movie recording: Auto exposure: 1/25* - 1/4000 Manual exposure: 1/8* - 1/4000 *Varies by shooting mode and frame rate</p> <p>Silent Shutter Still Image Format: Yes JPEG, HEIF, RAW, C-RAW</p> <p>Viewfinder: Coverage (Approx.) 100%</p> <p>X-sync (sec.) Electronic 1st curtain: 1/250</p> <p>ACCESSORIES</p> <ul style="list-style-type: none"> - Additional Two (2) units Lithium-Ion Battery Pack and Charger (Original) - 64GB SD Card - Crane 3S Gimbal / Stabilizer - Compact Tripod Advanced with 3-way Head <p>Note:</p> <ul style="list-style-type: none"> - Must include training for end-users for the use of DSLR Cameras and its accessories. One year warranty on DSLR camera and lens. 			
VIII.	PROJECTOR	2	units	

	<ul style="list-style-type: none"> - WXGA Resolution - At least 14,000:1 Contrast Ratio - Non Interactive Inputs & Interfaces - At least 2000 Brightness Range Lumens, - Ultra-Short Throw 80" 47cm projection feature - At least 10,000 Hours Lamp Life in Eco Mode - Multi-PC Projection - At least 3x HDMI - With Wi-Fi feature - Uses Lamp technology - RGB liquid crystal shutter projection system (3LCD) - 100 - 240 V AC $\pm 10\%$, 50/60 Hz power - With a free Projector screen, at least 100" diagonal size, 4:3 Ratio, Auto-locking mechanism control height adjustment. Maxwhite screen material 1:1 gain, 160" wide viewing angle - One year warranty <p>Note: Must include training for end-users for the use of Projector and its accessories.</p>			
IX.	<p>MULTIFUNCTION TECHNICAL PRINTER 36"</p> <ul style="list-style-type: none"> - At least 31 sec/page on A1 - At least 36 inches maximum printing area - At least 2400 x 1200 resolution - 4 colors (C,M,Y, MK), pigment ink - Scan/Copy resolution: minimum 600dpi - Scan Format: JPEG, PDF, TIFF - 1GB Built-In Memory - Sheet and Roll paper - with input tray - with automatic cutter - USB, LAN, Wi-fi Ready - With Touch Screen Panel - With Three (3) Years Warranty on Parts and Onsite Services including print heads 			

	<ul style="list-style-type: none"> - Bundled with the following supplies: <ul style="list-style-type: none"> ● 1 roll Plotter Paper ● 1 roll Digital Blueprint Paper ● 1 roll Tracing Paper 36" ● USB Cable Printer ● 4 sets each of 50ml Cyan (C) Inks ● 4 sets each of 50ml Magenta (M) Inks ● 4 sets each of 50ml Yellow (Y) Inks ● 4 sets each of 50ml Matte Black (MK) inks <p>Note: Must include training for end-users for the setup, installation, configuration and maintenance of Multifunction Technical Printer.</p>			
X.	<p>A3 INK TANK MULTI-FUNCTION PRINTER</p> <p>Printer Type: Inkjet printer</p> <p>Functions: Print, Copy, Scan</p> <p>Connectivity: WiFi, AirPrint, Mopria, WiFi Direct, LAN, USB 2.0</p> <p>Memory Capacity: Minimum of 128MB</p> <p>Power Source: AC 220 to 240 V 50/60 Hz</p> <p>Supported Operating System: Windows 7 SPI/8/8.1/10 Server 2008/2008 R2/2012/2012 R2/2016 macOS v10.11.6/10.12.x/10.13.x</p> <p>PRINT</p> <p>Print Speed: A4 print speed up to 22 ipm (Black)/ 20 ipm (Colour)</p> <p>Paper Type: Plain, Inkjet, Glossy (cast/resin), Recycled</p> <p>Paper Size: A4, Letter, Executive, B5A3, Ledger, B4, Legal, Folio, A5, B6, A6, Photo-4"x6", Indexcard-5"x8", Photo-3.5"x5", Photo-5"x7", C5 Envelope, Com-10 Envelope, DL Envelope, Monarch Envelope, Mexico Legal, India Legal</p> <p>Maximum Paper Capacity: Up to 250 sheets (80 gsm)</p> <p>Resolution: up to 1200x4800 dpi</p> <p>Borderless Print: A4, Letter, A6, Photo (10 cm x 15 cm), Photo L (89 mm x 127 mm), Photo 2L (13 cm x 18 cm), Index Card (127 mm x 203 mm), A3, Ledger</p> <p>2-Sided (Duplex) - Paper Size: A3, Ledger, JIS B4, Legal, Folio, A4, Letter, Executive, A5, JIS B5, JIS B6, Mexico Legal, India Legal</p> <p>Paper Handling: Auto 2-sided (Duplex) printing, 50 sheets Auto-Document Feeder (ADF), 2.7" Colour LCD touchscreen</p> <p>COPY</p> <p>Colour / Monochrome: Yes</p> <p>Enlarge/ Reduce: 25% to 400% (in increments of 1%)</p>	18	units	

	<p>Resolution: Print: Max. 1200x4800 dpi Scan: Max. 600x600 dpi (FB) Max. 300x600 dpi (ADF) SCAN Resolution - Interpolated: Max. 19,200 dpi x 19,200 dpi Resolution / ADF: Max. 600 dpi x 600 dpi (optical) Resolution / Scanner Glass: Max. 1,200 dpi x 2,400 dpi (optical)</p> <p>Note:</p> <ul style="list-style-type: none"> - Bundled with the following supplies: <ul style="list-style-type: none"> ● 36 pieces 50ml Cyan (C) Inks ● 36 pieces 50ml Magenta (M) Inks ● 36 pieces 50ml Yellow (Y) Inks ● 72 pieces 50ml Black (BK) inks - One year warranty - Must include training for the end-user for the use of the ID printer and its maintenance. 			
XI.	<p>ID PRINTER</p> <ul style="list-style-type: none"> - Dual Sided, UK/EU/US Cords, USB & Ethernet, Windows Driver (with flipper) - At least 300 dpi (11.8 dots/mm) print resolution - Auto calibration of ribbon - Manual card feeding capability with LED bezel - 3 Tricolor printer status indicator lights - Edge-to-edge printing on standard CR-80 media - Full-color or monochrome printing - Single and dual-sided printing - 900 cards/hour single sided monochrome - Premium Software and license for the ID printer - Bundled with the following supplies: <ul style="list-style-type: none"> ● 1,000 pieces PVC Cards ● Cleaning Card Kit, 5 cards ● 5 pieces Ribbons, Color –YMCKOK, 200 images, RoA - One year warranty <p>Note: Must include training for the end-user for the use of the ID printer and its maintenance.</p>	1	unit	
LOT 2	Communication Equipment	1	lot	Ninety (90) calendar days upon receipt of Notice to Proceed
	LED WALL VIDEO CONTROLLER (WITH DISPLAY ACCESSORIES AND CONTROL PC)	1	unit	

	<p>LED WALL VIDEO CONTROLLER</p> <ul style="list-style-type: none"> - At least 7x inputs • 2x 3G-SDI • 2x HDMI 1.3 • 1x DVI • 1x DVI (IN+LOOP) • 1x USB - At least 2x types of output connectors • 6x Gigabit Ethernet ports <p>Video output capacity up to 3,900,000 pixels, with the width or height up to 4096 pixels</p> <ul style="list-style-type: none"> • 1x DVI for monitoring <p>Support PVW or PGM monitoring, and the monitoring resolution is adjustable</p> <ul style="list-style-type: none"> - At least 3x window • Adjustable window position and size • Z-order sorting • 3 scaling modes for window output: <ol style="list-style-type: none"> 1. Full screen 2. Pixel to pixel 3. Custom <ul style="list-style-type: none"> - At least 2x screen configuration methods • Quick screen configuration • Advanced screen configuration - At least 2x system modes • Direct mode <p>Support display content monitoring.</p> <ul style="list-style-type: none"> • Switcher mode <p>Switch the PVW to PGM by pressing only the TAKE button</p> <ul style="list-style-type: none"> - Screen brightness adjustment - Multiple VX6s units linked to load a screen - 16x user presets saved as templates and conveniently recalled by pressing the number buttons on the front panel - Lock to the HDMI, SDI or DVI input source to achieve vertical synchronization between outputs of multiple VX6s units. - Accessories for the installation of Video Panels - One year warranty <p>CONTROL PC</p> <ul style="list-style-type: none"> - Core i5 processor 13th Generation or its equivalent - at least 16 GB Memory card 			
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<ul style="list-style-type: none">- at least 512GB SSD Storage- Intel Iris Xe Graphics or its equivalent- With Wireless Wi-fi 6E AX211/802.11 a/b/g/n/ac/ax wireless LAN- Gigabit Ethernet- MicroSD Card Reader- 50Wh Li-10 Battery- With Windows 11 Pro 64-bit <p>Note: Must include training for end-users for the use of LED Video Controller and its installation.</p>			
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I hereby certify to comply and deliver all the above requirements:

NAME OF BIDDER

SIGNATURE

DATE

Section VIII. Checklist of Technical and Financial Documents

Checklist of Technical and Financial Documents

I. TECHNICAL COMPONENT ENVELOPE

Class "A" Documents

Legal Documents

- ☐ (a) Valid PhilGEPS Registration Certificate (Platinum Membership) (all pages) **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.

ANNEX A - TERMS OF REFERENCE

TERMS OF REFERENCE

I. PROJECT TITLE:

Office Productivity

II. BACKGROUND:

As an attached agency of the Department of Tourism, the National Parks Development Committee (NPDC) is tasked to develop, preserve, and manage Rizal and Paco Parks in Manila and other parks that may be assigned to NPDC.

NPDC envisions the development of the National Parks into “smart” parks through the optimized use of Information and Communications Technology (ICT) in order to improve park management and enhance visitor experiences. In doing so, the NPDC commits to provide the park with state-of-the-art facilities in terms of interconnectivity and computer technology

Through the approved allocation for the capital outlays under the National Expenditure Program of 2025, the NPDC intends to apply the amount of Eight Million Fifty Thousand Five Hundred Two pesos (Php 8,050,502.00).

III. OBJECTIVES:

The project aims to:

1. Increase productivity and efficiency through the availability of high-end ICT equipment.
2. Improve interconnectivity through the installation of switches, access points, and internet load balancer.
3. Enhance the delivery of services through the use of ICT equipment.

IV. SCOPE OF WORK:

The project shall include, but not limited to the supply, delivery and installation of all the ICT equipment with the following technical specifications:

ITEM DESCRIPTION	QUAN- TITY	UNIT
LAPTOP COMPUTERS	33	units
Processor: Core i5-13420H4 12M Cache, up to 4.60 GHz or its equivalent		

<p>Display: At least 14" WUXGA (1920x1200) IPS 300nits Anti-glare, 45% NTSC</p> <p>Memory: At least 16GB SO-DIMM DDR4-3200</p> <p>Hard Disk: At least 512GB SSD M.2 2242 PCIe</p> <p>Video Card: Integrated Intel UHD Graphics</p> <p>Camera and Microphone: HD 720p with Privacy Shutter, Array Microphone</p> <p>Connectivity: with Wi-Fi® 6 AX201, 11ax 2x2 + Bluetooth 5.1</p> <p>Audio: High Definition (HD)</p> <p>Ports: At least 1x HDMI, up to 4K/60Hz 1x Headphone / microphone combo jack (3.5mm), USB 2.0, USB 4.0, USB 3.2, Ethernet, RJ-45, USB-C, Thunderbolt 4</p> <p>Battery: Integrated 47Wh</p> <p>Operating System: Windows® 11 Pro, English</p> <p>Productivity Software: Microsoft Office Standard 2021</p> <p>Accessories: Free Bag and Mouse</p> <p>Warranty: 3-year Parts & Labor, 24x7 Support</p>		
DESKTOP COMPUTERS (Clone)	2	sets
<p>Processor: Core i7-14700 or its equivalent</p> <p>Display: At least 23.8" IPS 165Hz Monitor (2 units)</p> <p>Memory: At least 32GB DIMM DDR5</p> <p>Hard Disk: At least 1TB NVME SSD</p> <p>Video: At least 6 GB DDR6 Graphics Card</p> <p>Motherboard: Compatible with the processor, memory, hard drive and other major components of a computer</p> <p>Audio: Integrated High Definition (HD) Audio</p>		

Ports: Power Supply Operating System Productivity Software Accessories Warranty	With USB ports, HDMI ports, Headphone / microphone combo jack (3.5mm) 650Watts 80 Plus Bronze Windows® 11 Pro, English Microsoft Office Standard 2021 Computer Case, 650VA UPS, Mouse, Keyboard, Headset, Mouse Pad 1-year Parts & Labor, 24x7 Support		
PHOTOCOPIER WITH SCANNER		1	unit
General type: Technology: Engine speed: Resolution: Warm-up time: Time to first print Time to first copy: Power consumption Power source Noise (ISO 7779) General memory: PRINT Input capacity			

		297 x 432 mm) 500-sheet standard universal paper cassette, 60- 256 g/m ² , A3, A4, A5, B5, Ledger, Letter, Legal, Folio 1,600 sheets Standard duplex unit: 60-256 g/m ² Max. 280 sheets: 250 sheets face-c (Main tray), plus 30 sheets (standard Separator Tray)
Max. input capacity with options: Duplex unit Max. output capacity:		Standard reversing document proce 50-sheet, Simplex scan 45-160 g Duplex scan 50-120 g/m ² , A3, A4, A5 Letter, Legal, Custom (140x182 297x432mm)
Document processor		Paper thickness of max. 0.11 mm.
General paper handling		
COPY Max. original size: Digital copy features:		A3/Ledger Scan-once-copy-many, sort, 2in1, job reserve, priority print, program, duplex copy, split copy, continuous auto cassette change, copy de control, Prevent Bleed-Through, ID copy, Skip blank page Auto, manual: 7 steps 5 Reductions/5 Enlargements 25 - 400 % in 1% steps 1 - 999 Text + Photo, Photo, Text, Map, Pr document
Exposure modes: Preset magnification ratios: Zoom range: Continuous copy: Image adjustments:		
SCAN Compression format: File type:		MMR/JPEG PDF, PDF/A, JPG, TIFF, XPS, PD 1a/b, PDF/A-2a/b/u, Encrypted High Compression PDF
Scan features:		Color scan, integrated address b Active Directory support, encry data transfer, multi send (e-mail SMB/FTP folder, print) at once, blank page
Original recognition:		Text, photo, text + photo, light optimized for OCR
Max. scan size:		A3/Ledger

<p>Scan functionalities:</p> <p>Scan resolution:</p> <p>Scan speed:</p> <p>FAX</p> <p>Compatibility:</p> <p>Modem speed:</p> <p>Scanning speed:</p> <p>Transmission speed:</p> <p>Scanning density:</p> <p>Max. original size</p> <p>Compression method:</p> <p>Fax features:</p> <p>INTERFACE</p> <p>Standard interface:</p> <ul style="list-style-type: none"> - 1-year warranty on parts or up to 200,000 copies/print/scan whichever comes first. - 2 years standard free service warranty (on-site) - Bundled with the following supplies: <ul style="list-style-type: none"> ● 3 pieces toners Black ● 2 piece toner Yellow ● 2 piece toner Magenta ● 2 piece toner Cyan <p>Note:</p> <p>Must include training for end-users for the use of photocopiers.</p>		<p>Scan-to-Email, Scan-to-FTP , Scan-to-SMB, Scan to USB Host, Net TWAIN, WIA, WSD scan</p> <p>600, 400, 300, 200 dpi (256 grey scale per colour)</p> <p>At least 50 ipm (300 dpi, A4, B colour)</p> <p>ITU-T Super G3</p> <p>Max. 33.6 kbps</p> <p>At least 2 seconds or less</p> <p>Max: 33.6 kbps</p> <p>Normal: 8 dot/mm x 3.85 line/mm</p> <p>Fine: 8 dot/mm x 7.7 line/mm</p> <p>Superfine: 8 dot/mm x 15.4 line/mm, Ultrafine: 16 dot/mm</p> <p>scales</p> <p>A3/Ledger</p> <p>JBIG, MMR, MR, MH</p> <p>Network faxing, Document transmission and reception</p> <p>Encrypted transmission reception, Polling transmission reception, Broadcast</p> <p>USB 2.0 (Hi-Speed), 2 x USB Interface, Gigabit Ethernet (10BaseT/100BaseTX/1000BaseT), IPv6, IPv4, IPSec, 802.11n support), optional Wi-Fi 802.11b/g/n), 2 eKUIO slots, optional internal print server, SSD hard disc and for optional system, Slot for optional SD card, NFC tag</p>
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24-PORT POE SWITCHES	10	units
<ul style="list-style-type: none"> - Layer 2 Switch - 24x ports 10/100/1000BASE-T ports 4x 1G SFP ports - Dual Core ARM Cortex A9 @ 1016 Mhz 8 GB DDR3, maximum, depending on model 16 GB eMMC - 370W Class 4 PoE/PoE+ - Max Power (w/o PoE): 32.7W - Max Power (w/ PoE): 455W - Latency 1 Gbps: 1.5 µSec - Must provide Duns and Bradsheet on the brand offer at least distributor released - With limited lifetime warranty <p>Note: Must include Training to RMIS personnel on the configuration of switches.</p>		
ACCESS POINTS	8	units
<ul style="list-style-type: none"> - AP type: Indoor, dual radio, 5GHz 802.11ax 4x4 MIMO and 2.4GHz 802.11ax 2x2 MIMO - Support for up to 256 associated client devices per radio, and up to 16 BSSIDs per radio - Link aggregation (LACP) support between both network ports for redundancy and increased capacity - DC power interface: 12Vdc (nominal, +/- 5%), accepts 2.1mm/5.5mm center-positive circular plug with 9.5mm length - USB 2.0 host interface (Type A connector) - Bluetooth 5 and Zigbee (802.15.4) radio - The AP supports direct DC power and Power over Ethernet (POE; on port E0) - Bundled with POE Injector, Mounting Kit and Power Cord 		

<ul style="list-style-type: none"> - Must provide Duns and Bradsheet on the brand offer at least distributor released - With limited lifetime warranty <p>Note: Must include Training to RMIS personnel on the configuration of access points.</p>		
INTERNET LOAD BALANCER	1	unit
<ul style="list-style-type: none"> - Ethernet WAN Ports (3GE) ISP PORT - LAN Ports (3GE) - USB WAN Modem Port 1 - Expansion Modules (option) 1 - Recommended Users 50-500 - Stateful Firewall Throughput 3Gbps - Load Balancing/Failover - Inbound Load Balancing - SpeedFusion Bandwidth Bonding or its equivalent - L2TP / PPTP VPN Serve - One year warranty <p>Note: Must include Training to RMIS personnel on the configuration and setup of the proposed internet load balancer.</p>		
FIBER OPTICS FUSION KIT	2	Units
FIBER OPTIC SPLICER MACHINE Fiber High Precision PAS Alignment Alignment t: Fiber SM (ITU-T G.652), MM (ITU-T G.651),DS Type: (ITU-T G.653), NZ/NZDS (ITU-T G .655), BI (ITU-T G.657) Splice Single Fiber Mode: Fiber Cladding diameter 80-150um. Coating Diameter: 100-1000um		

Cleave Length: Splicing Programs: Splicing Cycle Time: Heating Program: Average splice loss: Return loss: Environm ent condition s: Storage environm ent: Protection sleeve length: Tension test: Interface: Power supply: Battery Module:	250um cladding diameter 8-16mm, over 250um cladding diameter 8-16mm Maximum of 100 Minimum 6 seconds Maximum of 30 seconds 0.02dB(SM),0.01dB(MM),0.04dB(DS),0.04dB(NZDS), 0.02dB (BI) ≥ 60dB -25~+50°C (operation temperature), 0~95%RH (humidity), 0~5000m (altitude) -40~ +80°C (temperature) , 0~95%RH (humidity) 20mm ,40mm ,60mm 1.96-2.25 N (Standard) High Speed USB AC 100-240V, 50/60Hz 4000mAH High Capacity Battery		
OPTICAL POWER METER			
Equipment Type	Optical Power Meter		
Connector Type	Fixed SC		
Wavelengths	850 nm, 1300 nm, 1310 nm, 1490 nm, 1550 nm, 1625 nm		
Resolution	0.01 dB		
Interface Type	USB		
Maximum Power	+10dBm		
Measurement			
Battery Type	AA		
Battery Life	50 h		
Power Source	Battery		
Includes	Case, SC Adapter		
Dimensions	80 x 39 x 165mm		
Length	80mm		
Width	39mm		

Weight 325g Model Number SimpliFiber Pro Height 165mm Minimum -10°C Operating Temperature Minimum Output -7dBm Power Maximum +50°C Operating Temperature Note: Must include training for RMIS personnel for the use of Fiber Optic Splicer Machine and Optical Power Meter.		
DSLR/MIRRORLESS CAMERAS AND COMPLETE ACCESSORIES	2	sets
DSLR CAMERA WITH LENS AF Modes: One-Shot AF, AI Focus AF (stills), Servo AF / Movie Servo AF AF Point Selection: Spot AF, 1-point AF, Expand AF area (above/below/left/right or around), Flexible Zone AF 1/2/3, Whole area AF AF System Points Up to 651 AF frame zones Built-in Flash: Available Closest 20 (AF, f=18mm) Focusing 15 (MF, f=18mm) Distance (cm): Continuous Shooting Speed: (Shots Per Sec) (Up To) Electronic 1st curtain: 12 Electronic shutter: 15 Electronic 1st curtain: 12 Electronic shutter: 15* *If flicker is detected, continuous shooting will slow down even when anti-flicker shooting is turned off. Digital Zoom Digital Tele-converter x2.0 & x4.0 Dimensions 116.3 × 85.5 × 113.1 (Excl.		

Protrusions) (mm) (Approx.)		
Drive System	Leadscrew-type STM	
Effective ISO	Stills: 100-32,000 (H:51,200) Movie: 100-12,800 (H:25,600) HDR PQ movies: ISO 100-12,800	
Effective Pixels (Megapixels)	24.2	
Exposure	±3 stops in 1/3-stop increments	
Compensation	AEB: ±3 stops in 1/3-stop increments	
Eye Detection AF	Yes (Auto)	
Flash Modes	E-TTL II flash metering / Manual flash	
Focal Length (35mm Equivalent)	29-72mm	
Guide Number ISO 100 metres	6	
Image Resolution	6000×4000 (JPEG L/RAW/C- RAW/HEIF) 3984×2656 (HEIF, JPEG M) 2976×1984 (HEIF, JPEG S1) 2400×1600 (HEIF, JPEG S2)	
In-body Image Stabilizer (sensor shift IS)	No	
LCD Monitor Resolutions (dots)	At least 1.62 million	
Manual Focus	Yes	
Memory Card Type	Single Card Slot (SD, SDHC*, SDXC*) *UHS-I cards compatible	
Metering Mode:	Stills: Evaluative, Partial, Spot, Center-weighted average Movie: Evaluative	
Movie Digital IS:	Yes	
Movie Format:	MP4	
Optical Image Stabilizer:	Yes	
Optical Zoom:	2.5x	
Optional Power:	AC Power (AC Adapter AC-E6N and DC Coupler DR-E18) USB Power (PD-E1)	
Peripheral Connections:	USB Type-C (Hi-Speed USB (USB 2.0) equivalent External microphone IN	

Processor Type:	HDMI micro (Type D) Multi-function Shoe DIGIC X		
Sensor Size:	APS-C CMOS		
Shooting Modes	Stills : A+/Hybrid Auto/Special scene/Creative filters/P/Tv/Av/M		
Shutter Speed Range (Sec.):	Movies : Movie for close-up demos/Movie IS mode/HDR movies/Movie auto exposure/Movie manual exposure/Custom shooting mode (C mode) Stills: Electronic 1st-curtain: 30 - 1/4000 Electronic shutter: 30 - 1/8000 Movie recording: Auto exposure: 1/25* - 1/4000 Manual exposure: 1/8* - 1/4000 *Varies by shooting mode and frame rate		
Silent Shutter	Yes		
Still Image Format:	JPEG, HEIF, RAW, C-RAW		
Viewfinder: Coverage (Approx.)	100%		
X-sync (sec.)	Electronic 1st curtain: 1/250		
ACCESSORIES			
<ul style="list-style-type: none"> - Additional Two (2) units Lithium-Ion Battery Pack and Charger (Original) - 64GB SD Card - Crane 3S Gimbal / Stabilizer - Compact Tripod Advanced with 3-way Head 			
Note:			
<ul style="list-style-type: none"> - Must include training for end-users for the use of DSLR Cameras and its accessories. One year warranty on DSLR camera and lens. 			

PROJECTOR	2	Units
<ul style="list-style-type: none"> - WXGA Resolution - At least 14,000:1 Contrast Ratio - Non Interactive Inputs & Interfaces - At least 2000 Brightness Range Lumens, - Ultra-Short Throw 80" 47cm projection feature - At least 10,000 Hours Lamp Life in Eco Mode - Multi-PC Projection - At least 3x HDMI - With Wi-Fi feature - Uses Lamp technology - RGB liquid crystal shutter projection system (3LCD) - 100 - 240 V AC $\pm 10\%$, 50/60 Hz power - With a free Projector screen, at least 100" diagonal size, 4:3 Ratio, Auto-locking mechanism control height adjustment. Maxwhite screen material 1:1 gain, 160" wide viewing angle - One year warranty <p>Note: Must include training for end-users for the use of Projector and its accessories.</p>		
MULTIFUNCTION TECHNICAL PRINTER 36"	1	unit
<ul style="list-style-type: none"> - At least 31 sec/page on A1 - At least 36 inches maximum printing area - At least 2400 x 1200 resolution - 4 colors (C,M,Y, MK), pigment ink - Scan/Copy resolution: minimum 600dpi 		

<ul style="list-style-type: none"> - Scan Format: JPEG, PDF, TIFF - 1GB Built-In Memory - Sheet and Roll paper - with input tray - with automatic cutter - USB, LAN, Wi-fi Ready - With Touch Screen Panel - With Three (3) Years Warranty on Parts and Onsite Services including print heads - Bundled with the following supplies: <ul style="list-style-type: none"> • 1 roll Plotter Paper • 1 roll Digital Blueprint Paper • 1 roll Tracing Paper 36" • USB Cable Printer • 4 sets each of 50ml Cyan (C) Inks • 4 sets each of 50ml Magenta (M) Inks • 4 sets each of 50ml Yellow (Y) Inks • 4 sets each of 50ml Matte Black (MK) inks <p>Note: Must include training for end-users for the setup, installation, configuration and maintenance of Multifunction Technical Printer.</p>		
A3 INK TANK MULTI-FUNCTION PRINTER	18	units
<p>Printer Type: Inkjet printer</p> <p>Functions: Print, Copy, Scan</p> <p>Connectivity: WiFi, AirPrint, Mopria, WiFi Direct, LAN, USB 2.0</p> <p>Memory Capacity: Minimum of 128MB</p> <p>Power Source: AC 220 to 240 V 50/60 Hz</p> <p>Supported Operating System: Windows 7 SPI/8/8.1/10 Server 2008/2008 R2/2012/2012 R2/2016 macOS v10.11.6/10.12.x/10.13.x</p> <p>PRINT</p> <p>Print Speed: A4 print speed up to 22 ipm (Black)/ 20 ipm (Colour)</p>		

Paper Type:	Plain, Inkjet, Glossy (cast/resin), Recycled		
Paper Size:	A4, Letter, Executive, B5A3, Ledger, B4, Legal, Folio, A5, B6, A6, Photo-4"x6", Indexcard-5"x8", Photo-3.5"x5", Photo-5"x7", C5 Envelope, Com-10 Envelope, DL Envelope, Monarch Envelope, Mexico Legal, India Legal		
Maximum Paper Capacity:	Up to 250 sheets (80 gsm)		
Resolution:	up to 1200x4800 dpi		
Borderless Print:	A4, Letter, A6, Photo (10 cm x 15 cm), Photo L (89 mm x 127 mm), Photo 2L (13 cm x 18 cm), Index Card (127 mm x 203 mm), A3, Ledger		
2-Sided (Duplex) - Paper Size:	A3, Ledger, JIS B4, Legal, Folio, A4, Letter, Executive, A5, JIS B5, JIS B6, Mexico Legal, India Legal		
Paper Handling:	Auto 2-sided (Duplex) printing, 50 sheets Auto-Document Feeder (ADF), 2.7" Colour LCD touchscreen		
COPY			
Colour	/ Yes		
Monochrome:			
Enlarge/ Reduce:	25% to 400% (in increments of 1%)		
Resolution:	Print: Max. 1200x4800 dpi Scan: Max. 600x600 dpi (FB) Max. 300x600 dpi (ADF)		
SCAN			
Resolution	- Max. 19,200 dpi x 19,200 dpi		
Interpolated:			
Resolution / ADF:	Max. 600 dpi x 600 dpi (optical)		
Resolution	/ Max. 1,200 dpi x 2,400 dpi		
Scanner Glass:	(optical)		
Note:			
- Bundled with the following supplies:			
• 36 pieces 50ml Cyan (C) Inks			
• 36 pieces 50ml Magenta (M) Inks			
• 36 pieces 50ml Yellow (Y) Inks			
• 72 pieces 50ml Black (BK) inks			
- One year warranty			

- Must include training for the end-user for the use of the ID printer and its maintenance.		
ID PRINTER	1	Unit
<ul style="list-style-type: none"> - Dual Sided, UK/EU/US Cords, USB & Ethernet, Windows Driver (with flipper) - At least 300 dpi (11.8 dots/mm) print resolution - Auto calibration of ribbon - Manual card feeding capability with LED bezel - 3 Tricolor printer status indicator lights - Edge-to-edge printing on standard CR-80 media - Full-color or monochrome printing - Single and dual-sided printing - 900 cards/hour single sided monochrome - Premium Software and license for the ID printer - Bundled with the following supplies: <ul style="list-style-type: none"> ● 1,000 pieces PVC Cards ● Cleaning Card Kit, 5 cards ● 5 pieces Ribbons, Color -YMCKOK, 200 images, RoA - One year warranty <p>Note: Must include training for the end-user for the use of the ID printer and its maintenance.</p>		
LED WALL VIDEO CONTROLLER (WITH DISPLAY ACCESSORIES AND CONTROL PC)	1	Unit
<p>LED WALL VIDEO CONTROLLER</p> <ul style="list-style-type: none"> - At least 7x inputs <ul style="list-style-type: none"> ● 2x 3G-SDI ● 2x HDMI 1.3 ● 1x DVI ● 1x DVI (IN+LOOP) ● 1x USB 		

<ul style="list-style-type: none"> - At least 2x types of output connectors <ul style="list-style-type: none"> • 6x Gigabit Ethernet ports Video output capacity up to 3,900,000 pixels, with the width or height up to 4096 pixels • 1x DVI for monitoring Support PVW or PGM monitoring, and the monitoring resolution is adjustable - At least 3x window <ul style="list-style-type: none"> • Adjustable window position and size • Z-order sorting • 3 scaling modes for window output: <ol style="list-style-type: none"> 1. Full screen 2. Pixel to pixel 3. Custom - At least 2x screen configuration methods <ul style="list-style-type: none"> • Quick screen configuration • Advanced screen configuration - At least 2x system modes <ul style="list-style-type: none"> • Direct mode Support display content monitoring. • Switcher mode Switch the PVW to PGM by pressing only the TAKE button - Screen brightness adjustment - Multiple VX6s units linked to load a screen - 16x user presets saved as templates and conveniently recalled by pressing the number buttons on the front panel - Lock to the HDMI, SDI or DVI input source to achieve vertical synchronization between outputs of multiple VX6s units. - Accessories for the installation of Video Panels - One year warranty <p>CONTROL PC</p> <ul style="list-style-type: none"> - Core i5 processor 13th Generation or its equivalent - at least 16 GB Memory card - at least 512GB SSD Storage - Intel Iris Xe Graphics or its equivalent - With Wireless Wi-fi 6E AX211/802.11 a/b/g/n/ac/ax wireless LAN 		
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<ul style="list-style-type: none"> - Gigabit Ethernet - MicroSD Card Reader - 50Wh Li-10 Battery - With Windows 11 Pro 64-bit <p>Note: Must include training for end-users for the use of LED Video Controller and its installation.</p>		
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V. EXPECTED OUTPUT:

Supply, Delivery and Installation of the following items:

LOT 1

1. Laptops – 33 units
2. Desktop – 2 units
3. Photocopier with Scanner – 1 unit
4. 24-port POE Managed Switches – 10 units
5. Access Points – 8 pieces
6. Internet Load Balancer – 1 unit
7. Fiber Optics Fusion Kit – 2 Units
8. DSLR/Mirrorless Cameras and complete accessories – 2 sets
9. Projector – 2 units
10. Multifunction Technical Printer 36" – 1 unit
11. A3 Ink Tank Multi-Function Printer – 18 units
12. ID Printer – 1 unit

LOT 2

1. LED Wall Video Controller – 1 unit

VI. EXPECTED TIME FRAME:

The above works must be completed within 90 Calendar Days reckoned from the issuance of the Notice to Proceed.

VII. THE PROJECT SUPERVISION:

The project will be implemented under the supervision of the National Parks Development Committee's Research and Management Information System (RMIS) Section.

VIII. THE BIDDER:

The National Parks Development Committee requires the services of a supplier with legal, technical and financial capability to implement the above-mentioned Project. The Bidder must have experience of having satisfactorily completed a single contract similar to that to be bid, and whose value, is at least fifty percent (50%) of the ABC of the contract to be bid (IRR-A section 23.11.2.3).

- A. The Bidder must be an established company in the information technology (IT) industry with at least five (10) years of experience in the supply, delivery and installation of ICT Equipment.
- B. The Bidder must provide capable professional Engineers / Technicians for the installation and configuration of software in the hardware (Internet Load Balancer, Managed Switches, Access Points and LED Video Wall Controller)
- C. The Bidder shall provide all the materials, labor, equipment and services necessary for the supply, delivery and installation of the project.
- D. Abide with the Contract including the General Condition and Specification which form part of the Contract.
- E. The Bidder must submit certification of authorized distributorship / dealership / resellership from the distributor / manufacturer of the product/s offered (Laptop, Load Balancer, Managed Switches and Access point)
- F. Submit Copies of Satisfactory Certificate and/or certificate of completion and acceptance from at least three (3) clients for the last five (5) years with similar contracts. Similar contracts refer to the Supply, Delivery and Installation of ICT Equipment.

Other Requirements:

- 1. The Bidder must submit the original brochure of ALL deliverables.
- 2. Within the warranty period, repairs should be done within the NPDC.
- 3. On warranty and after sales support, ALL delivered items should have a minimum of one (1) year warranty on parts and labor.
- 4. The Bidder must provide at least one (1) copy of the technical manual/documentation in printed hard copy and electronic (soft copy) formats. The documents include equipment installation, operation, configuration and testing.
- 5. The Bidder must render support to NPDC with the warranty period as follows:
 - a. Technical support will be provided through phone calls or emails within regular working hours from Monday to Friday, 8:00 AM to 5:00 PM.
 - b. If the supplied equipment is found defective and need to be pulled-out, the bidder shall provide replacement with the same or higher specifications
 - c. Rectify and/or replace any part that fails to pass any test/inspection or make alteration necessary to meet the specifications.

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

NAME OF BIDDER

SIGNATURE

DATE



Republic of the Philippines
Department of Tourism
NATIONAL PARKS DEVELOPMENT COMMITTEE

PROGRAM OF WORK

OFFICE PRODUCTIVITY

Mode of Implementation : By Contract

Contract Duration : 90 Calendar Days

No.	Description	Qty.	Unit	Materials		Labor		Amount	
				Unit Cost	Amount	Unit Cost	Amount		
I	ICT HARDWARE EQUIPMENT								
	Laptops	33	pcs						
	Desktops	2	pcs						
	Photocopier with scanner	1	pc						
	Managed Switches	10	pcs						
	Access Points	8	pcs						
	Internet Load Balancer	1	pc						
	Fiber Optics Fusion Kit	2	pcs						
	DSLR/Mirrorless Cameras and complete accessories	2	pcs						
	Projector	2	pcs						
	PRINTING EQUIPMENT								
	Multifunction Technical Printer	1	pcs						
	A3 Multifunction Printer	18	pc						
	ID Printer	1	pc						
II	COMMUNICATION EQUIPMENT								
	LED Wall Video Controller	1	pc						
	Total Project Cost								

Submitted by:

Name
Position
Company Name