



**Bureau of Soils and Water Management**  
**PHILIPPINE BIDDING DOCUMENTS**  
(As Harmonized with Development Partners)

**Supply, Delivery and Installation**  
**of various ICT Equipment,**  
**Software, Peripherals and**  
**Supplies Batch 2 for CY 2023**

**IB NO: BSWM-2023-05-040**

**Date issued**  
**May 2023**

**PHILIPPINE BIDDING DOCUMENTS**

# Procurement of GOODS

Government of the Republic of the Philippines

**Sixth Edition**  
**July 2020**

# Preface

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

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

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

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

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

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

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# *Glossary of Acronyms, Terms, and Abbreviations*

**ABC** – Approved Budget for the Contract.

**BAC** – Bids and Awards Committee.

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

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

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

**BIR** – Bureau of Internal Revenue.

**BSP** – Bangko Sentral ng Pilipinas.

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

**CDA** - Cooperative Development Authority.

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

**CIF** – Cost Insurance and Freight.

**CIP** – Carriage and Insurance Paid.

**CPI** – Consumer Price Index.

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

**DTI** – Department of Trade and Industry.

**EXW** – Ex works.

**FCA** – “Free Carrier” shipping point.

**FOB** – “Free on Board” shipping point.

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

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

**GFI** – Government Financial Institution.

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

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

**GOP** – Government of the Philippines.

**GPPB** –Government Procurement Policy Board.

**INCOTERMS** – International Commercial Terms.

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

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

**LGUs** – Local Government Units.

**NFCC** – Net Financial Contracting Capacity.

**NGA** – National Government Agency.

**PhilGEPS** - Philippine Government Electronic Procurement System.

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

**PSA** – Philippine Statistics Authority.

**SEC** – Securities and Exchange Commission.

**SLCC** – Single Largest Completed Contract.

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

**UN** – United Nations.



## ***Section I. Invitation to Bid***

### **Notes on the Invitation to Bid**

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

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

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

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



Republic of the Philippines  
Department of Agriculture  
**BUREAU OF SOILS AND WATER MANAGEMENT**  
SRDC Bldg., Elliptical Road corner Visayas Avenue,  
Diliman, Quezon City 1101

## INVITATION TO BID

### **Supply, Delivery and Installation of various ICT Equipment, Software, Peripherals and Supplies Batch 2 for CY 2023- IB NO: BSWM-2023-05-040**

1. The Bureau of Soils and Water Management (BSWM), through the **General Appropriation Act for CY 2023** intends to apply the sum of:

Lot 1- **Supply, Delivery and Installation of Structured Cabling for BSWM Bldg.** in the amount of **Twelve Million Five Hundred Thousand Pesos (PhP 12,500,000.00)**;

Lot 2- **Supply, Delivery and Installation of ICT Software** in the amount of **Five Million One Hundred Seven Thousand Seven Hundred Fifty Pesos (PhP 5,107,750.00)**;

Lot 3- **Supply, Delivery and Installation of Laboratory Information Management System (LIMS)** in the amount of **Fifteen Million Pesos (PhP 15,000,000.00)**;

Lot 4- **Supply and Delivery of various ICT Equipment (Servers)** in the amount of **Nine Million Nine Hundred Eighty Thousand Pesos (PhP 9,980,000.00)**;

Lot 5- **Supply and Delivery of various ICT Equipment (Computing Devices)** in the amount of **Eight Million Sixty-Seven Thousand One Hundred Pesos (PhP 8,067,100.00)**;

Lot 6- **Supply and Delivery of various ICT Equipment (Drone)** in the amount of **One Million One Hundred Seventy-Three Thousand Pesos (PhP 1,173,000.00)**;

Lot 7- **Supply and Delivery of various ICT Equipment (Personal Computers)** in the amount of **Eighteen Million Two Hundred Eleven Thousand One Hundred Pesos (PhP 18,211,100.00)**;

Lot 8- **Supply and Delivery of various ICT Equipment (Multi-Media)** in the amount of **Five Million Thirty-Six Thousand Pesos (PhP 5,036,000.00)**;

Lot 9- **Supply and Delivery of various ICT Supplies** in the amount of **Three Million Fifty-Three Thousand Eight Hundred Pesos (PhP 3,053,800.00)**;

With a grand total of PhP 78,128,750.00 being the approved budget for the contract (ABC) to payments under the contract for **Supply, Delivery and Installation of various ICT Equipment, Software, Peripherals and Supplies Batch 2 for CY 2023- IB NO: BSWM-2023-05-040**. Bids received in excess of the ABC shall be automatically rejected at bid opening.

2. The BSWM now invites bids for the above Procurement Project. **Delivery of the Goods is required within 60 calendar days upon receipt of NTP.** Bidders should have completed, **within five (5) years** from the date of submission and receipt of bids, a contract similar to the Project. The description of an eligible bidder is contained in the Bidding Documents, particularly, in Section II (Instructions to Bidders).
3. Bidding will be conducted through open competitive bidding procedures using a non-discretionary "pass/fail" criterion as specified in the 2016 revised Implementing Rules and Regulations (IRR) of Republic Act (RA) No. 9184.

Bidding is restricted to Filipino citizens/sole proprietorships, partnerships, or organizations with at least sixty percent (60%) interest or outstanding capital stock belonging to citizens of the Philippines, and to citizens or organizations of a country the laws or regulations of which grant similar rights or privileges to Filipino citizens, pursuant to RA 5183.

4. Prospective Bidders may obtain further information from BSWM – Bids and Awards Committee (BAC) Secretariat’s Office and inspect the Bidding Documents at the given address during **MONDAY TO FRIDAY, 8:00AM TO 5:00PM EXCEPT ON DECLARED HOLIDAYS OR WORK SUSPENSION**.
5. A complete set of Bidding Documents may be acquired by interested Bidders on **May 24-June 14, 2023 3:00PM** from the given address and website and upon payment of the applicable fee for the Bidding Documents, pursuant to the latest Guidelines issued by the GPPB, in the amount of:

LOT #	DESCRIPTION	AMOUNT
LOT 1	ICT Structured Cabling	8,000.00
LOT 2	ICT Software	3,000.00
LOT 3	Laboratory Information Management System (LIMS)	9,000.00
<b>ICT Equipment</b>		
LOT 4	ICT Equipment (Servers)	7,000.00
LOT 5	ICT Equipment (Computing Devices)	5,000.00
LOT 6	ICT Equipment (Drone)	1,000.00
LOT 7	ICT Equipment (Personal Computers)	13,000.00
LOT 8	ICT Equipment (Multi-Media)	3,000.00
LOT 9	ICT Supplies	1,000.00

The Procuring Entity shall allow the bidder to present its proof of payment for the fees to BAC Secretariat on or before the deadline of Submission and Opening of Bids.

6. The BSWM will hold a **Pre-Bid Conference** on **June 1, 2023, 9:30AM at BSWM Convention Hall** and shall be open to prospective bidders. Pre-Bid Conference will be available “live” thru **BSWM Procurement Service Facebook Page (FB) Page (<https://www.facebook.com/bswmpms>)**. Furthermore, all interested bidders can participate through videoconferencing. Please coordinate with BAC Secretariat at least a day before the meeting at [bac@bswm.da.gov.ph](mailto:bac@bswm.da.gov.ph).
7. **Bids must be duly received** by the BAC Secretariat through manual submission at the office address indicated below on or before **June 15, 2023, 9:00AM**. Late bids shall not be accepted.
8. All Bids must be accompanied by a bid security in any of the acceptable forms and in the amount stated in ITB Clause 16.
8. **Bid opening shall be on June 15, 2023, 9:30AM** at the at **BSWM Convention Hall**, 2nd Floor, SRDC Bldg., Visayas Ave. Cor. Elliptical Road, Diliman, Quezon City and through videoconferencing/webcasting via ZOOM and streamed live through BSWM Procurement Service FB Page. Bids will be opened in the presence of the bidders’ representatives who choose to attend the activity.

During the opening of bids, bidder’s representative must present his/her company identification card and authorization letter from the head of the company.

10. The BSWM strictly adheres to the policies stated under the Data Privacy Act 10173 of 2021.
11. The BSWM reserves the right to reject any and all bids, declare a failure of bidding, or not award the contract at any time prior to contract award in accordance with Sections 35.6 and 41 of the 2016 revised IRR of RA No. 9184, without thereby incurring any liability to the affected bidder or bidders.
12. For further information, please refer to:  
FRANCE JOSEPHINE C. BAUTISTA

BIDS AND AWARDS COMMITTEE SECRETARIAT'S OFFICE  
2ND FLOOR, SRDC BLDG.,  
VISAYAS AVE. COR. ELLIPTICAL ROAD, DILIMAN, QUEZON CITY  
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FB Page: <https://www.facebook.com/bswmpms>

You may visit the following websites:

For downloading of Bidding Documents:

PhilGEPS- <https://notices.philgeps.gov.ph/>, BSWM Website- [www.bswm.gov.ph](http://www.bswm.gov.ph) or BSWM  
Procurement Service Facebook Page- <https://www.facebook.com/bswmpms> .

May 18, 2023

**(Sgd) DENISE A. SOLANO**  
Chairperson, Bids and Awards Committee

## ***Section II. Instructions to Bidders***

### **Notes on the Instructions to Bidders**

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

## 1. Scope of Bid

The Procuring Entity, ***Bureau of Soils and Water Management*** wishes to receive Bids for the ***Supply, Delivery and Installation of various ICT Equipment, Software, Peripherals and Supplies Batch 2 for CY 2023.***

The Procurement Project (referred to herein as “Project”) is composed of 8 ***Lot***, the details of which are described in Section VII (Technical Specifications).

## 2. Funding Information

2.1. The GOP through the source of funding as indicated below for ***CY 2023*** in the amount of:

LOT #	DESCRIPTION	AMOUNT
LOT1	ICT Structured Cabling	12,500,000.00
LOT 2	ICT Software	5,107,750.00
LOT 3	Laboratory Information Management System (LIMS)	15,000,000.00
<b><i>ICT Equipment</i></b>		<b><i>42,467,200.00</i></b>
LOT 4	ICT Equipment (Servers)	9,980,000.00
LOT 5	ICT Equipment (Computing Devices)	8,067,100.00
LOT 6	ICT Equipment (Drone)	1,173,000.00
LOT 7	ICT Equipment (Personal Computers)	18,211,100.00
LOT 8	ICT Equipment (Multi-Media)	5,036,000.00
LOT 9	ICT Supplies	3,053,800.00
<b><i>TOTAL</i></b>		<b><i>78,128,750.00</i></b>

2.2. ***General Appropriation Act for CY 2023.***

## 3. Bidding Requirements

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

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

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

## 4. Corrupt, Fraudulent, Collusive, and Coercive Practices

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

## 5. Eligible Bidders

- 5.1. Only Bids of Bidders found to be legally, technically, and financially capable will be evaluated.
- 5.2. Foreign ownership limited to those allowed under the rules may participate in this Project.
- 5.3. Pursuant to Section 23.4.1.3 of the 2016 revised IRR of RA No.9184, the Bidder shall have an SLCC that is at least one (1) contract similar to the Project the value of which, adjusted to current prices using the PSA's CPI, must be at least equivalent to:
  - 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 (For Lot 1-8)**
  - b. **For the procurement of Expendable Supplies: The Bidder must have completed a single contract that is similar to this Project, equivalent to at least twenty-five percent (25%) of the ABC (For Lot 9)**
  - ~~e. For procurement where the Procuring Entity has determined, after the conduct of market research, that imposition will likely result to failure of bidding that will defeat the purpose of public bidding: the Bidder should comply with the following requirements:
    - i. ~~Completed at least two (2) similar contracts, the aggregate amount of which should be equivalent to at least fifty percent (50%) of the ABC for this Project (Php 44,550,000.00); and~~
    - ii. ~~The largest of these similar contracts must be equivalent to at least half of the percentage of the ABC as required above (Php 22,275,000.00).~~~~
- 5.4. The Bidders shall comply with the eligibility criteria under Section 23.4.1 of the 2016 IRR of RA No. 9184. b

### 1. 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.

### 2. Subcontracts

- 2.1. The Bidder may subcontract portions of the Project to the extent allowed by the

Procuring Entity as stated herein, but in no case more than twenty percent (20%) of the Project.

The Procuring Entity has prescribed that:

**Subcontracting is not allowed.**



- 2.2. ~~*[If Procuring Entity has determined that subcontracting is allowed during the bidding, state:]*~~The Bidder must submit together with its Bid the documentary requirements of the subcontractor(s) complying with the eligibility criteria stated in ~~ITB Clause 5~~ in accordance with Section 23.4 of the 2016 revised IRR of RA No. 9184 pursuant to Section 23.1 thereof.
- 2.3. ~~*[If subcontracting is allowed during the contract implementation stage, state:]*~~The Supplier may identify its subcontractor during the contract implementation stage. Subcontractors identified during the bidding may be changed during the implementation of this Contract. Subcontractors must submit the documentary requirements under Section 23.1 of the 2016 revised IRR of RA No. 9184 and comply with the eligibility criteria specified in ~~ITB Clause 5~~ to the implementing or end-user unit.
- 2.4. 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.

### **3. 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 through videoconferencing/webcasting as indicated in paragraph 6 of the **IB**.

### **4. 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.

### **5. Documents comprising the Bid: Eligibility and Technical Components**

- 5.1. The first envelope shall contain the eligibility and technical documents of the Bid as specified in **Section VIII (Checklist of Technical and Financial Documents)**.
- 5.2. The Bidder's SLCC as indicated in **ITB Clause 5.3** should have been completed within five years prior to the deadline for the submission and receipt of bids.
- 5.3. 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.

## **6. Documents comprising the Bid: Financial Component**

- 6.1. The second bid envelope shall contain the financial documents for the Bid as specified in **Section VIII (Checklist of Technical and Financial Documents)**.
- 6.2. 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.
- 6.3. Any bid exceeding the ABC indicated in paragraph 1 of the **IB** shall not be accepted.
- 6.4. 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.

## **7. Bid Prices**

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

## 8. Bid and Payment Currencies

- 8.1. 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.
- 8.2. Payment of the contract price shall be made in:

Philippine Pesos.

## 9. Bid Security

- 9.1. The Bidder shall submit a Bid Securing Declaration<sup>2</sup> 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**.
- 9.2. The Bid and bid security shall be valid until *120 Calendar Days from Opening of Bids*. Any Bid not accompanied by an acceptable bid security shall be rejected by the Procuring Entity as non-responsive.

## 10. 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.

## 11. Deadline for Submission of Bids

- 11.1. 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**.

## 12. Opening and Preliminary Examination of Bids

- 12.1. 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,

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<sup>2</sup> 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.

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.

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

### 13. Domestic Preference

- 13.1. 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.

### 14. Detailed Evaluation and Comparison of Bids

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

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

- 14.3. 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.

#### 14.4. The Project shall be awarded as follows:

LOT #	DESCRIPTION	AMOUNT	AWARDING
LOT1	ICT Structured Cabling	<b>12,500,000.00</b>	Lot
LOT 2	ICT Software	<b>5,107,750.00</b>	Lot
LOT 3	Laboratory Information Management System (LIMS)	<b>15,000,000.00</b>	Lot
<b>ICT Equipment</b>		<b>42,467,200.00</b>	
LOT 4	ICT Equipment (Servers)	<i>9,980,000.00</i>	Lot
LOT 5	ICT Equipment (Computing Devices)	<i>8,067,100.00</i>	Line item
LOT 6	ICT Equipment (Drone)	<i>1,173,000.00</i>	Lot
LOT 7	ICT Equipment (Personal Computers)	<i>18,211,100.00</i>	Line item
LOT 8	ICT Equipment (Multi-Media)	<i>5,036,000.00</i>	Line item
LOT 9	ICT Supplies	<b>3,053,800.00</b>	Lot

- 14.5. 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.

## **15. Post-Qualification**

- 15.1. 20.2. Within a non-extendible period of five (5) calendar days from receipt by the Bidder of the notice from the BAC that it submitted the Lowest Calculated Bid, the Bidder shall submit its latest income and business tax returns filed and paid through the BIR Electronic Filing and Payment System (eFPS) and other appropriate licenses and permits required by law and stated in the **BDS**.

## **16. Signing of the Contract**

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

## ***Section III. Bid Data Sheet***

### **Notes on the Bid Data Sheet**

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

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

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

Information that specifies and complements provisions of the ITB must be incorporated.

Amendments and/or supplements, if any, to provisions of the ITB as necessitated by the circumstances of the specific procurement, must also be incorporated.

# Bid Data Sheet

ITB Clause																																					
5.3	<p>For this purpose, contracts similar to the Project shall be:</p> <p><i>a. Contract on Supply, Delivery and/or Installation of various ICT Equipment, Software, Peripherals and Supplies and/or its equivalent</i></p> <p><i>b. completed within <u>five years</u> prior to the deadline for the submission and receipt of bids.</i></p>																																				
7.1	<b><i>SUB CONTRACTING- NOT APPLICABLE</i></b>																																				
12	The price of the Goods shall be quoted DDP [ <i>state place of destination</i> ] 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><i>a. The amount of <b>not less than two percent (2%) of ABC</b>, if bid security is in cash, cashier's/manager's check, bank draft/guarantee or irrevocable letter of credit; or</i></p> <p><i>b. The amount of <b>not less than five percent (5%) of ABC</b> if bid security is in Surety Bond.</i></p> <p><b>NOTE: Bidders SHALL use ATTACHED template of Bid Securing Declaration.</b></p> <p><b>Other forms of Bid Securing Declaration will NOT BE ACCEPTED and SHALL BE RATED "FAILED".</b></p>																																				
19.3	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr style="background-color: #003366; color: white;"> <th style="text-align: center;">LOT #</th> <th style="text-align: center;">DESCRIPTION</th> <th style="text-align: center;">AMOUNT</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">LOT1</td> <td>ICT Structured Cabling</td> <td style="text-align: right;">12,500,000.00</td> </tr> <tr> <td style="text-align: center;">LOT 2</td> <td>ICT Software</td> <td style="text-align: right;">5,107,750.00</td> </tr> <tr> <td style="text-align: center;">LOT 3</td> <td>Laboratory Information Management System (LIMS)</td> <td style="text-align: right;">15,000,000.00</td> </tr> <tr style="background-color: #e0e0e0;"> <td colspan="2" style="text-align: center;"><b>ICT Equipment</b></td> <td style="text-align: right;"><b>42,467,200.00</b></td> </tr> <tr> <td style="text-align: center;">LOT 4</td> <td>ICT Equipment (Servers)</td> <td style="text-align: right;">9,980,000.00</td> </tr> <tr> <td style="text-align: center;">LOT 5</td> <td>ICT Equipment (Computing Devices)</td> <td style="text-align: right;">8,067,100.00</td> </tr> <tr> <td style="text-align: center;">LOT 6</td> <td>ICT Equipment (Drone)</td> <td style="text-align: right;">1,173,000.00</td> </tr> <tr> <td style="text-align: center;">LOT 7</td> <td>ICT Equipment (Personal Computers)</td> <td style="text-align: right;">18,211,100.00</td> </tr> <tr> <td style="text-align: center;">LOT 8</td> <td>ICT Equipment (Multi-Media)</td> <td style="text-align: right;">5,036,000.00</td> </tr> <tr> <td style="text-align: center;">LOT 9</td> <td>ICT Supplies</td> <td style="text-align: right;">3,053,800.00</td> </tr> <tr style="background-color: #003366; color: white;"> <td colspan="2" style="text-align: right;"><b>TOTAL</b></td> <td style="text-align: right;"><b>78,128,750.00</b></td> </tr> </tbody> </table>	LOT #	DESCRIPTION	AMOUNT	LOT1	ICT Structured Cabling	12,500,000.00	LOT 2	ICT Software	5,107,750.00	LOT 3	Laboratory Information Management System (LIMS)	15,000,000.00	<b>ICT Equipment</b>		<b>42,467,200.00</b>	LOT 4	ICT Equipment (Servers)	9,980,000.00	LOT 5	ICT Equipment (Computing Devices)	8,067,100.00	LOT 6	ICT Equipment (Drone)	1,173,000.00	LOT 7	ICT Equipment (Personal Computers)	18,211,100.00	LOT 8	ICT Equipment (Multi-Media)	5,036,000.00	LOT 9	ICT Supplies	3,053,800.00	<b>TOTAL</b>		<b>78,128,750.00</b>
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20.2	<i>[List here any licenses and permits relevant to the Project and the corresponding law requiring it.]</i>																																				
21.2	<i>[List here any additional contract documents relevant to the Project that may be required by existing laws and/or the Procuring Entity.]</i>																																				



## ***Section IV. General Conditions of Contract***

### **Notes on the General Conditions of Contract**

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

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

Any complementary information, which may be needed, shall be introduced only through the Special Conditions of Contract.

## 1. Scope of Contract

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

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

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

## 2. Advance Payment and Terms of Payment

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

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

## 3. Performance Security

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

## 4. Inspection and Tests

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

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

## **5. Warranty**

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

## **6. Liability of the Supplier**

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

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

## ***Section V. Special Conditions of Contract***

### **Notes on the Special Conditions of Contract**

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


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

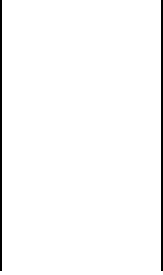
Information that complements provisions of the GCC must be incorporated.

Amendments and/or supplements to provisions of the GCC as necessitated by the circumstances of the specific purchase, must also be incorporated.

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

# Special Conditions of Contract

GCC Clause	
1	<p><i>[List here any additional requirements for the completion of this Contract. The following requirements and the corresponding provisions may be deleted, amended, or retained depending on its applicability to this Contract:]</i></p> <p><b>Delivery and Documents –</b></p> <p>For purposes of the Contract, “EXW,” “FOB,” “FCA,” “CIF,” “CIP,” “DDP” and other trade terms used to describe the obligations of the parties shall have the meanings assigned to them by the current edition of INCOTERMS published by the International Chamber of Commerce, Paris. The Delivery terms of this Contract shall be as follows:</p> <p><i>[For Goods supplied from abroad, state:]</i> “The delivery terms applicable to the Contract are DDP delivered <i>[indicate place of destination]</i>. In accordance with INCOTERMS.”</p> <p><i>[For Goods supplied from within the Philippines, state:]</i> “The delivery terms applicable to this Contract are delivered <i>[indicate place of destination]</i>. Risk and title will pass from the Supplier to the Procuring Entity upon receipt and final acceptance of the Goods at their final destination.”</p> <p>Delivery of the Goods shall be made by the Supplier in accordance with the terms specified in Section VI (Schedule of Requirements).</p> <p>For purposes of this Clause the Procuring Entity’s Representative at the Project Site is <b><i>End-User Representative, Property Management Unit, and Inspection Committee.</i></b></p> <p><b><u>Supplier shall coordinate with the Property Management Unit for final schedule of services. For schedule of delivery. Please refer to this link:</u></b></p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;"> <p><a href="https://sites.google.com/view/pmu-scheduleofdelivery/home">https://sites.google.com/view/pmu-scheduleofdelivery/home</a></p> </div> <div style="text-align: center;">  </div> </div> <p><b><u>Partial Delivery is allowed. However, payment shall be process upon complete delivery of items awarded and submission of the required documents per accounting and auditing rules.</u></b></p> <p><b>Incidental Services –</b></p> <p>The Supplier is required to provide all of the following services, including additional services, if any, specified in Section VI. Schedule of Requirements: <i>Select appropriate requirements and delete the rest.</i></p>

- 
- a. performance or supervision of on-site assembly and/or start-up of the supplied Goods;
  - b. furnishing of tools required for assembly and/or maintenance of the supplied Goods;
  - c. furnishing of a detailed operations and maintenance manual for each appropriate unit of the supplied Goods;

d. performance or supervision or maintenance and/or repair of the supplied Goods, for a period of time agreed by the parties, provided that this service shall not relieve the Supplier of any warranty obligations under this Contract; and

e. training of the Procuring Entity's personnel, at the Supplier's plant and/or on-site, in assembly, start-up, operation, maintenance, and/or repair of the supplied Goods.

f. *[Specify additional incidental service requirements, as needed.]*

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

**Spare Parts –**

The Supplier is required to provide all of the following materials, notifications, and information pertaining to spare parts manufactured or distributed by the Supplier:

*Select appropriate requirements and delete the rest.*

a. such spare parts as the Procuring Entity may elect to purchase from the Supplier, provided that this election shall not relieve the Supplier of any warranty obligations under this Contract; and

b. in the event of termination of production of the spare parts:

i. advance notification to the Procuring Entity of the pending termination, in sufficient time to permit the Procuring Entity to procure needed requirements; and

ii. following such termination, furnishing at no cost to the Procuring Entity, the blueprints, drawings, and specifications of the spare parts, if requested.

The spare parts and other components required are listed in **Section VI (Schedule of Requirements)** and the cost thereof are included in the contract price.

The Supplier shall carry sufficient inventories to assure ex-stock supply of consumable spare parts or components for the Goods for a period of **One Year**.

Spare parts or components shall be supplied as promptly as possible, but in any case, within **not more than Seven Calendar Days** of placing the order.

	<p><b>Packaging –</b></p> <p>The Supplier shall provide such packaging of the Goods as is required to prevent their damage or deterioration during transit to their final destination, as indicated in this Contract. The packaging shall be sufficient to withstand, without limitation, rough handling during transit and exposure to extreme temperatures, salt and precipitation during transit, and open storage. Packaging case size and weights shall take into consideration, where appropriate, the remoteness of the Goods’ final destination and the absence of heavy handling facilities at all points in transit.</p> <p>The packaging, marking, and documentation within and outside the packages shall comply strictly with such special requirements as shall be expressly provided for in the Contract, including additional requirements, if any, specified below, and in any subsequent instructions ordered by the Procuring Entity.</p> <p>The outer packaging must be clearly marked on at least four (4) sides as follows:</p> <ul style="list-style-type: none"> <li>Name of the Procuring Entity</li> <li>Name of the Supplier</li> <li>Contract Description</li> <li>Final Destination</li> <li>Gross weight</li> <li>Any special lifting instructions</li> <li>Any special handling instructions</li> <li>Any relevant HAZCHEM classifications</li> </ul>
	<p>A packaging list identifying the contents and quantities of the package is to be placed on an accessible point of the outer packaging if practical. If not practical the packaging list is to be placed inside the outer packaging but outside the secondary packaging.</p> <p><b>Transportation –</b></p> <p>Where the Supplier is required under Contract to deliver the Goods CIF, CIP, or DDP, transport of the Goods to the port of destination or such other named place of destination in the Philippines, as shall be specified in this Contract, shall be arranged and paid for by the Supplier, and the cost thereof shall be included in the Contract Price.</p> <p>Where the Supplier is required under this Contract to transport the Goods to a specified place of destination within the Philippines, defined as the Project Site, transport to such place of destination in the Philippines, including insurance and storage, as shall be specified in this Contract, shall be arranged by the Supplier, and related costs shall be included in the contract price.</p>



	<p>Where the Supplier is required under Contract to deliver the Goods CIF, CIP or DDP, goods are to be transported on carriers of Philippine registry. In the event that no carrier of Philippine registry is available, goods may be shipped by a carrier which is not of Philippine registry provided that the Supplier obtains and presents to the Procuring Entity certification to this effect from the nearest Philippine consulate to the port of dispatch. In the event that carriers of Philippine registry are available but their schedule delays the Supplier in its performance of this Contract the period from when the Goods were first ready for shipment and the actual date of shipment the period of delay will be considered force majeure.</p> <p>The Procuring Entity accepts no liability for the damage of Goods during transit other than those prescribed by INCOTERMS for DDP deliveries. In the case of Goods supplied from within the Philippines or supplied by domestic Supplier's risk and title will not be deemed to have passed to the Procuring Entity until their receipt and final acceptance at the final destination.</p> <p><b>Intellectual Property Rights –</b></p> <p>The Supplier shall indemnify the Procuring Entity against all third-party claims of infringement of patent, trademark, or industrial design rights arising from use of the Goods or any part thereof.</p>
2.2	Upon complete delivery per Lot/Contract
4	The inspections and tests that will be conducted are: <i>Inspection per conformity and compliance to technical specifications.</i>

## ***Section VI. Schedule of Requirements***

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

<b>Lot</b>	<b>Description</b>	<b>Delivered, Weeks/Months</b>
1	ICT Structured Cabling	Within 120 calendar days upon receipt of NTP
2	ICT Software	Within 30 calendar days upon receipt of NTP
3	Laboratory Information Management System (LIMS)	Within 30 calendar days upon receipt of NTP
4	ICT Equipment (Servers)	Within 30 calendar days upon receipt of NTP
5	ICT Equipment (Computing Devices)	Within 30 calendar days upon receipt of NTP
6	ICT Equipment (Drone)	Within 30 calendar days upon receipt of NTP
7	ICT Equipment (Personal Computers)	Within 30 calendar days upon receipt of NTP
8	ICT Equipment (Multi-Media)	Within 30 calendar days upon receipt of NTP
9	ICT Supplies	Within 30 calendar days upon receipt of NTP

## ***Section VII. Technical Specifications***

### **Notes for Preparing the Technical Specifications**

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

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

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

#### **Sample Clause: Equivalency of Standards and Codes**

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

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

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

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

# 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>		

## Lot 1- Supply, Delivery and Installation of Structured Cabling for BSWM Bldg.

Item No.	Description	Quantity	Statement of Compliance
2023-03-0420 LSD-NSHP Item No. 1	Supply, Delivery and Installation of Data Nodes, Access Points, Cisco Core Switch, UPS and Smart Cabinet for the Improvement and Upgrading of Data Communication and Interconnectivity of BSWM Local Area Network.	1	
<b>Technical Specifications</b>			
Item #	Description		
1	Cat 6 4-pair Copper UTP Cable, 305m		
2	Data Nodes/Ports		
3	Cat6 UTP Patchcord 1M		
4	Cat6 UTP Patchcord 2M		
5	CAT6 Patch Panel 24 PORT		
6	CAT6 INFORMATION OUTLET		
7	2 PORT FACEPLATE		
8	1 PORT FACEPLATE		
9	19" CABLE MANAGER		
10	Wall Mount Rack 12U with 6 outlet PDU		
11	Access Point (AP) Hardware Controller		
12	Dual-Band Wi-Fi 6 Access Point		
13	8 Port POE Switch		
14	42U Rack Cabinet		
15	1500va Tower UPS for Wallmount Rack Cabinet		
16	<b>Smart Cabinet</b> with PAC, fully enclosed design, space available 22U, 220V 1P input, with internal 3KVA UPS, PAC, distribution and intelligent monitoring system, battery. Easy for plug and play, energy efficient, dust proof and noise cancelling. The maximum load is 2.7KW. Dimension: (W*D*H) atleast 600*1400*2000mm		
17	<b>Cisco Network Switch-Unmanaged</b> - Smart 24-port GE, PoE, 4x1G SFP		
18	<b>Cisco Network Switch-Managed</b> - 24-port data, 4 x 1G, Network Essentials - 24-port data, 4 x 1G, Net (12months) - Network Essentials, 24-port license - North America AC Type A Power Cable - Config 5 Power Supply Blank - Catalyst 9200 Blank Stack Module - C9200L Cisco DNA Essentials, 24-port Term license - C9200L Cisco DNA Essentials, 24-port, 3 Year Term license (36months) - Network Plug-n-Play Connect for zero-touch device deployment		
19	<b>Cisco Core Network Switch</b> - Cisco C9300-24T-A		

	<ul style="list-style-type: none"> <li>- Catalyst 9300 24-port data only, Network Advantage</li> <li>- SNTC-8X5XNBD Catalyst 9300 24-port data only, Network (12 months)</li> <li>- C9300 Network Advantage, 24-port license</li> <li>- 350W AC 80+ platinum Config 1 Power Supply</li> <li>- North America AC Type A Power Cable</li> <li>- C9300 DNA Advantage, 24-port Term Licenses</li> <li>- C9300 DNA Advantage, 24-Port, 3 Year Term License (36 months)</li> <li>- Network Plug-n-Play Connect for zero-touch device deployment - Cisco Catalyst Type 1 Network Module Blank</li> </ul>	
20	<b>Cisco Network Switch</b> <ul style="list-style-type: none"> <li>- Catalyst 9300 8 x 10GE Network Module, spare</li> </ul>	
21	Certificate of Site Inspection as attachment of your Bid Proposal	
<b>GENERAL WORKS:</b> <ul style="list-style-type: none"> <li>•Perform basic civil works such as chipping in the installation of all materials if needed.</li> <li>•Supply and Installation of plastic moldings, PVC pipes to conceal and protect cables.</li> <li>•Dismantling of old cable wire</li> </ul>		
<b>SCOPE OF WORK:</b> <ol style="list-style-type: none"> <li>1. Supply and installation of CAT6 UTP Cable UTP Cat6</li> <li>2. Supply and installation of Data Nodes/Ports</li> <li>3. Supply and Installation of Patchcord 1M</li> <li>4. Supply and installation of Patchcord 2 M</li> <li>5. Supply and installation of 24 Port Patch Panel</li> <li>6. Supply and installation of Information Outlet</li> <li>7. Supply and installation of 2 Port Faceplate</li> <li>8. Supply and installation of 1 Port Faceplate</li> <li>9. Supply and installation of 19-inch Cable Manager</li> <li>10. Supply and installation of wallmount rack 12U w/6 outlet PDU</li> <li>11. Supply and installation of Access Point Controller</li> <li>12. Supply and installation of Dual-band Wi-Fi Access Points</li> <li>13. Supply and installation of 8 ports POE Switch</li> <li>14. Supply and installation of 42U Rack Cabinet</li> <li>15. Supply and installation of Smart Cabinet</li> <li>16. Supply and installation of 1500va tower UPS</li> <li>17. Supply and installation of 3000va rackmount UPS</li> <li>18. Supply and implementation of Cisco Network Switches</li> <li>19. Supply and installation of Rough-in Materials</li> <li>20. Mobilization/Demobilization</li> <li>21. Configuration, Termination and Fluke Testing</li> <li>22. Technical Supervision</li> </ol>		
<b>WORKING HOURS:</b> Monday to Friday – 9AM to 6PM (EXCLUDING PUBLIC HOLIDAY), overtime upon request and approval of BSWM.		
<b>EXCLUSION:</b> All electrical requirements such as power outlet for switches, routers, PC's, Servers, UPS shall be sole responsibility of the BSWM.		
<b>BSWM PROVISION:</b> <ul style="list-style-type: none"> <li>• Provide a secured storage room for tools, equipment and materials to be used during the project implementation.</li> <li>• Designate GSITD personnel to handle and monitor the project implementation.</li> <li>• Provide Security Access Pass/Gate pass in coordination with the BGA Unit for the technical personnel of the service provider at least (3) days before the actual project implementation.</li> </ul>		
<b>Approved Budget Cost:</b> Php 12,500,000.00 Inclusive of VAT <b>Project Duration:</b> 120 calendar days <b>Warranty:</b> 1-Year Installation/Service		
<b>Project Management:</b> <ol style="list-style-type: none"> <li>1. Oversee all phases of entire project to complete implementation and be ready for service within One Hundred Twenty(120) Calendar days from the issuance of Notice to Proceed (NTP).</li> <li>2. Effective coordination between BSWM Building and Ground Administrator, GSITD Technical Staff and service/ solution provider.</li> <li>3. Provide periodic status report to GSITD.</li> <li>4. Experienced in major project implementation and in client interface.</li> <li>5. Provide Summary completion documentation with pictures.</li> </ol>		
<b>Support Services:</b> Available 24x7 Technical Support for the duration of the warranty/contract. This includes the atleast three (3) years warranty on major networking equipment, and one (1) year service warranty of the whole system upon BSWM-GSITD Acceptance.		
<b>Submission of Proposals:</b> Authorized service providers are required to submit proposal which contain among others: <ul style="list-style-type: none"> <li>• Solutions Overview</li> <li>• Description of services</li> <li>• Description of deliverable items</li> <li>• Proposed project schedule</li> <li>• Proposed team organization</li> </ul>		
<b>Bidder Qualification:</b> <ol style="list-style-type: none"> <li>1. ISO 9001:2015 Quality Management System Certified and</li> </ol>		

2. ISO 27001 Information Security Management System

3. Project Implementation Team must be Cisco Certified Network Professional (CCNP) and/or Cisco Certified Network Associate (CCNA) certified engineer

**General Provision:**

1. Full turnkey.

2. Bidder shall provide all equipment, materials, cables and other supplies necessary for the completion of the project.

3. Bidder shall provide details of network layout /design, connectivity diagrams (as-built plan), and technical manuals connected in the network, materials and length of cables and other documentation to be used/ delivered in the project.

**Name and Signature of Authorized Representative**

**Company Name**

**Date Signed**

**Lot 2- Supply, Delivery and Installation of ICT Software**

<b>Division</b>	<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Statement of Compliance</b>
2023-03-0425 GSITD NSHP	1	ArcGIS Online Pro Standard Annual Subscription, ArcGIS Online subscription, 500 ArcGIS Online credits	1	
	2	ArcGIS Online Pro Basic Annual Subscription, ArcGIS Online subscription, Compatible with ArcGIS add-on apps, 500 ArcGIS Online credits	4	
	3	ArcGIS Online Creator Annual Subscription, ArcGIS Online subscription, ArcGIS Living Atlas of the World, 500 ArcGIS Online credits	3	
	4	ArcGIS Online Mobile Annual Subscription, ArcGIS Online subscription, ArcGIS Living Atlas of the World, 250 ArcGIS Online credits	10	
	5	ArcGIS Online Editor Annual Subscription, ArcGIS Online subscription, ArcGIS Living Atlas of the World, 250 ArcGIS Online credits	10	
	6	ArcGIS Online Viewer Annual Subscription, ArcGIS Online subscription, ArcGIS Living Atlas of the World	6	
2023-03-0424 LSD NSHP	7	MS SQL Server 2019 Standard	2	
	8	MS Windows Server 2019 Standard	4	
	9	MS Office Pro 2021	43	

**Name and Signature of Authorized Representative**

**Company Name**

**Date Signed**

**Lot 3- Supply, Delivery and Installation of Laboratory Information Management System (LIMS)**

<b>Division</b>	<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Statement of Compliance</b>
2023-03-0415 LSD NSHP	1	Supply, Delivery, and Installation of Laboratory Information Management System (LIMS) Software	1	Lot
		1. Installation of the Laboratory Information Management System 2. Installation of the Analyzer Driver which shall consist of the following: a. Configuration of Host and Analyzer Drivers to LIMS b. Activation of Drivers. c. Test Mapping d. User Acceptance Testing i. Order Entry ii. Samples Handling iii. Running of Samples iv. Printing and releasing of results		



		v. Miscellaneous 3. System Customization 4. Supply of main server and other essential hardware 5. Core Modules a. Water Testing Analysis b. Fertilizer Testing Analysis c. Plant Tissue Testing Analysis d. Soil Testing Analysis e. Microbiology i. Microbial Identification f. Front desk g. Results Management h. Management Reports i. Quality Control ii. Worksheet iii. Census iv. Turnaround time v. Sample logs i. Online Result Viewer j. Miscellaneous modules 6. User Training 7. 24/7 Technical Support thru phone, chat, and email 8. Onsite support 9. LIMS/Analyzer driver maintenance 10. Quarterly Preventive Maintenance		
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**Name and Signature of Authorized Representative**

**Company Name**

**Date Signed**

**Lot 4- Supply and Delivery of various ICT Equipment (Servers)**

Division	Item No.	Description	Quantity	Statement of Compliance
2023-03-0419 LSD NSHP	1	<b>Supply, Delivery, Installation and Configuration of Hyper Converged Infrastructure</b>	1	
HCI	General Specifications	<ul style="list-style-type: none"> <li>comes pre-installed with various software including Software Defined Storage with Enterprise class Storage Services, replication with management and associated hypervisor.</li> </ul>		
		<ul style="list-style-type: none"> <li>must be "Hyper Converged Infrastructure" listed in the leaders' quadrant of latest IDC for Hyper Converged Infrastructure with pre-integrated, factory installed components including HCI hardware and HCI software with support for both HCI software and hardware</li> </ul>		
		<ul style="list-style-type: none"> <li>Fully Software Defined Infrastructure (Compute, Network, Storage and Management), all integrated and cannot be broken out into separate components of Server and functional Storage on its own.</li> </ul>		
		<ul style="list-style-type: none"> <li>The storage solution with the HCI should have in-built software defined storage capability integrated within the Hypervisor kernel itself and not using virtual storage controller architecture.</li> </ul>		
		<ul style="list-style-type: none"> <li>HCI Solution should be able to be Configured using either Hybrid (HDD) or All-Flash (SSD/NVMe) storage type</li> </ul>		
		<ul style="list-style-type: none"> <li>should provide option for a single upgrade of both software stack and hardware firmware &amp; drivers.</li> </ul>		
		<ul style="list-style-type: none"> <li>have atleast a Single Pane of Glass to monitor and Manage both Software and Hardware stack from a single Console.</li> </ul>		
		<ul style="list-style-type: none"> <li>Have atleast Single Pane of Management from the Virtualization Management stack.</li> </ul>		

		<ul style="list-style-type: none"> <li>• should not have any single point of failure. Solution must maximize data availability to keep business operational across the enterprise, with a goal of 99.999% uptime.</li> <li>• must be constituted as a single product consisting of hyper-converged nodes, hardware virtualization, storage virtualization, network connectivity, management system, and support must be delivered in a unified way with a single support contract authorized to take support calls for both the hardware and software on the appliance.</li> <li>• must provide a single point of contact direct telephone and issue resolution service delivered by a unified support center, which must assist with all issues associated with network, hardware, storage and virtualization components.</li> <li>• Option for integrated support application with recording or log functionality to provide a view of hardware and software events and report the status of the hardware to the manufacturer automatically.</li> <li>• Proposed HCI solution should be able to connect directly to any Datacenter class Network Switches without need of any specialized hardware for TOR networking</li> <li>• should be Scale UP and SCALE OUT Design. Within the existing node should support hardware upgrade like Memory, Storage disks (Cache and Capacity), PCIe hardware FC HBA, NICs, GPU</li> </ul>	
	Automation & Orchestration	<ul style="list-style-type: none"> <li>• should be an extensible infrastructure by providing integration with third party tools for automation and orchestration through industry standard toolset like REST API, PowerShell, Ansible etc.</li> <li>• Should be based on modular scalable architecture having the ability to add, auto-discoverable nodes, it must support automated cluster deployment, configuration and non-disruptive updates.</li> <li>• Single button non-disruptive rolling upgrades of Hyper converged system software and system hardware firmware from the same management GUI console.</li> <li>• have an integrated GUI console that performs functions related to the hardware, such as the provisioning of new nodes, upgrading system patches, checking the status of the system and shutting down the system.</li> <li>• Automated hardware maintenance task like Hard disk replacement and Node replacement and subsequent HCI node.</li> </ul>	
HCI Storage	General Specifications	<ul style="list-style-type: none"> <li>• The solution shall provide a data caching tier that supports SSD or NVMe. HCI system should be capable of supporting multiple Cache Drives for high availability and enhanced performance within the same HCI Node.</li> <li>• The software defined storage as part of the HCI solution should ideally be integrated within the hypervisor kernel to provide better performance and resiliency and reduce less memory and less CPU overhead and not using virtual storage controller architecture.</li> <li>• Shared Storage must be created by clustering server attached disks (like SSDs, HDDs, NVMs etc.) and should not use any external storage devices (like NAS, SAN etc.)</li> <li>• The solution should support Online Analytics on Health of the storage and provide predictive alerts.</li> <li>• Should provide Block Level Support for real-time data storage tiering between SSD Cache Layer and Data layer to deliver and maintain optimal performance.</li> <li>• Storage should be of object based distributed architecture with no data locality of data written to a node.</li> </ul>	
		Encryption	<ul style="list-style-type: none"> <li>• HCI Software Defined storage should bring together multiple independent HCI clusters by enabling cross-cluster utilization of remote storage capacity. This is to efficiently utilize and consume data center resources, which provides simple storage management at scale.</li> <li>• Virtual Machine Encryption also should be supported apart from the HCI Software Defined Storage Level Encryption.</li> </ul>
			Space Efficiency
		Data Loss	
		HCI Hypervisor	General Specification

		<p>virtual machine network configuration, Enhanced network monitoring and troubleshooting capabilities, Support Network QOS for virtual machines and also support for advanced networking features.</p> <ul style="list-style-type: none"> <li>• The solution should allow administrators to manage and reserve (allocate a share of the memory, CPU and storage) resources for a business group or LOB to use.</li> <li>• The virtualization management software should have the ability to live migrate VM files from one storage array to another without any downtime. Support this migration from one storage protocol to another (ex. iSCSI, NFS, VMFS)</li> <li>• HCI hypervisor should support Virtual Machine Fault Tolerance to eliminate downtime for VM/Application during HCI node failure</li> <li>• Virtualization software should provide enhanced visibility into storage throughput and latency of hosts and virtual machines that can help in troubleshooting storage performance issues.</li> </ul>
HCI Business Continuity	General Specification	<ul style="list-style-type: none"> <li>• Solution must have the capacity to replicate virtual machines to an external system based on the same hypervisor. The external system may or may not be hyper-converged, made by the same manufacturer or a third party.</li> <li>• Proposed solution should allow centralized creation and management of recovery plans directly. Automatically discover and display virtual machines protected by the HCI solution.</li> <li>• The proposed replication solution should have WAN optimization features such as write - folding, deduplication and compression that reduce WAN bandwidth consumption.</li> <li>• Proposed solution should use VM or datastore based replication to asynchronously replicate VMs or datastores across hyper converged systems in different sites based on configurable schedules of up to 0-15 or 5-15 minutes RPO.</li> <li>• Both Asynchronous and Synchronous replication to be supported per VM with any point in time recovery for critical VM. Should be fully integrated with Storage Policy based management.</li> <li>• Proposed Solution should be able to customize the shutdown of low-priority virtual machines at the failover site to get more resources or proper utilization of resources for the critical workloads.</li> <li>• Proposed solution should provide multiple point-in-time recovery which will allow reversion to earlier known states with data integrity.</li> <li>• Proposed solution should have storage-agnostic replication that supports use of low-end storage, including direct-attached storage and also provides host-based replication which will replicate only changed blocks to increase network efficiency.</li> <li>• Proposed Replication and DR software should be licensed for a minimum of 5 virtual machines per configuration/node. Unlimited licenses will be preferred but not mandatory.</li> </ul>
HCI Security	General Specification	<ul style="list-style-type: none"> <li>• HCI solution should be secure by Design and Security features should not be bolted in.</li> <li>• HCI solution should have industry standard security compliance like EAL2+ certified, DISA STIG Compliant, USGv6 and IPV6 Ready, VPAT Compliant, FIPS 140-2 compliant and Common Criteria framework compliant.</li> <li>• HCI solution should restrict and manage host access with ACLs, RBAC, and lockdown mode. Also support 2-factor authentication.</li> <li>• HCI Solution should have Secure Boot support.</li> <li>• Network segmentation to isolate VMs/application in their respective Subnet.</li> <li>• Centralized Logging to collect logs of Infrastructure components of HCI solution.</li> <li>• Supply Chain Assurance Integrity for Both Hardware and Software.</li> </ul>
HCI Management & Operations	General Specification	<ul style="list-style-type: none"> <li>• Single dashboard to manage and provision virtual machines, network, storage, monitor performance and manage events &amp; alerts.</li> <li>• The solution must provide consolidated view for the entire HCI to identify potential bottlenecks in performance.</li> <li>• The Virtualization Management Solution should provide APIs to cater to external orchestration and management tools.</li> <li>• Both hardware and software events of HCI system should be provided in single management GUI platform and both hardware and software logs to be collected from a Single GUI.</li> <li>• one click updates with a single GUI for the entire HCI stack including both software and hardware components.</li> </ul>
<b>Hardware Technical Specification for HCI</b>		
	Hardware Specification	<ul style="list-style-type: none"> <li>• HCI solution should have a minimum of three (3) of nodes and configured with minimum ~6.3 TB using ALL SSD disk usable capacity at 100% utilization for the entire cluster.</li> <li>• minimum of 1 CPU Silver, 20cores @ 2.3 GHz Intel Xeon Processor or latest available at time of bidding for the entire cluster.</li> <li>• configured with minimum 8 x 32GB RDIMM, 3200MT/s, Dual Rank 16Gb BASE x8 DDR4 memory.</li> <li>• configured with Intel Ethernet X710 Quad Port 10GbE SFP+, OCP NIC 3.0.</li> <li>• HCI system should be capable to support both Intel and AMD processor and for best practice on independent cluster.</li> <li>• atleast 3 x 1.92TB SSD SATA Read Intensive Capacity Drives and 1x 800GB SSD SAS ISE Write Intensive Cache Drive.</li> <li>• Option for Network Card Level redundancy for Management and Virtual Machine/Application traffic both on On-Board card and PCI-e based NIC card ports.</li> <li>• 1RU 10x2.5inch SAS/SATA/NVMe capable backplane</li> <li>• capable to support connecting External IP based or FC based storage array through PCIe based NICs or FC HBA cards respectively</li> <li>• 3 Years Support Warranty Maintenance 24/7 Mission Critical Support 4 Hours Response Time.</li> </ul>

Product Support Requirement

- The proposed Combined Network, Storage, and Compute Cloud Platform shall provide 24x7 support for Software & Hardware, from support teams and allow customer to submit support request through the following means:
  - a. Phone
  - b. Email
  - c. Online Customer Support Portal
- One source for comprehensive data center hardware and software support. Includes next business day or 4hr mission critical onsite support.
- Perform installation and configuration knowledge transfer training session for atleast 3 BSWM personnel:
  1. Hardware and software overview
  2. Management overview for monitoring, resource provisioning, and upgrade
  3. Troubleshooting overview

**Item 2.**

**Switch 2 Units**

- Ports: 28xSFP+ 2xQSFP28
- Max 10GbE density: 36 (28 SFP+ and 8 via QSFP28 breakout)
- Max 25GbE density: 8 via QSFP28 breakout
- Max 40GbE density: 2
- Max 50GbE density: 4
- Max 100GbE density: 2
- Switching capacity: 960Gbps
- Throughput: 720Mpps
- Standard networking features, interfaces and scripting functions for legacy network operations integration
- Standards-based switching hardware abstraction via Switch Abstraction Interface (SAI)
- Pervasive, unrestricted developer environment via Control Plane Services (CPS)
- Enterprise Edition software enables layer 2 and 3 switching and routing protocols with integrated IP services, quality of service, manageability and automation features
- supports Precision Time Protocol (PTP, IEEE 1588v2) to synchronize clocks on network devices.
- Increase VM Mobility region by stretching L2 VLAN within or across two DCs with unique VLT capabilities
- Scalable L2 and L3 Ethernet Switching with QoS, ACL and a full complement of standards based IPv4 and IPv6 features including OSPF, BGP and PBR
- Enhanced mirroring capabilities including local mirroring, Remote Port Mirroring (RPM), and Encapsulated Remote Port Mirroring (ERPM)
- Converged network support for Data Center Bridging, with priority flow control (802.1Qbb), ETS (802.1Qaz), DCBx and iSCSI TLV Enhanced mirroring capabilities including local mirroring, Remote Port Mirroring (RPM), and Encapsulated Remote Port Mirroring (ERPM)
- Converged network support for Data Center Bridging, with priority flow control (802.1Qbb), ETS (802.1Qaz), DCBx and iSCSI TLV

**Item 3.**

**SERVER RACK ENCLOSURE (1 unit)**

Smart-UPS 6000VA 230V 6000 Watts Tower with SRT 19" Rail Kit for Smart-UPS  
Presentation High density, double conversion on-line power protection with scalable runtime.  
Lead time Usually in Stock Main  
Main Input Voltage 230 V  
Other Input Voltage 220 V 240 V  
Main Output Voltage 230 V  
Other Output Voltage 220 V 240 V  
Rated power in W 6000 W Rated power in VA 6000 VA  
Output connection type 6 IEC 60320 C13 2 IEC Jumpers 4 IEC 60320 C19 Output connector type Hard wire 3-wire (H N + E) 1 Battery type Lead-acid battery  
Smart-UPS On-Line range that provides high density, true double-conversion on-line power protection. This 6000VA/6000W On-line pure sine wave UPS provides scalable runtime while minimizing maintenance.  
the 4U rack/tower convertible SRT has an Embedded Network Management Card for network-based UPS monitoring and management. The UPS has an additional SmartSlot for connectivity and PowerChute Network Shutdown support for graceful unattended shutdown. It comes with hard wire 3-wire input, 6x IEC 60320 C13 and 4x IEC 60320 C19 outlets, and 2x IEC jumper cables.  
**Included:**  
5 X 8 Power Up for (1) Smart-UPS  
Scheduled 5X8 Assembly and Power-Up Service  
Warranty: 3 years on UPS 2 years on internal battery

**BIDDERS ELIGIBILITY AND MANDATORY REQUIREMENTS:**

BIDDERS ELIGIBILITY AND MANDATORY REQUIREMENTS:

To ensure the quality of the products offered and assurance for immediate and competent after-sales technical support included in the bid submission:

- a. Certification from the manufacturer that the bidder is an authorized reseller of the proposed products.. (Item 1 and 2)
- b. Prospective bidder to submit proof of at least two (2) similar project implementation for the Years 2019-2022 on the Hyper Converge Server Solution.
- c. Certification of atleast one '(1) locally based certified personnel of the bidder (atleast Certified VMware Professional VCP 6 – Data Center Virtualization) who will do the installation and configuration for the Servers. Note: Certified photocopy of certifications and company ID will form part of the eligibility documents.

2023-03-0418 LSD NSHP	2	Rackmount Server	4	units	
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**Technical Specifications:**

- 2.5" Chassis with up to 8 Hard Drives (SAS/SATA), 1 CPU
- Standard Fan x5
- Intel Xeon Silver 4310 2.1G, 12C/24T, 10.4GT/s, 18M Cache, Turbo, HT (120W) DDR4-2666
- 32GB RDIMM, 3200MT/s, Dual Rank
- 3x 1.2TB 10K RPM SAS 12Gbps 512n 2.5in Hot-Plug Hard Drive
- PERC H755 SAS Front
- 2x1GbE LOM Broadcom 5720 Quad Port 1GbE BASE-T Adapter, OCP NIC 3.0
- iDRAC9, Enterprise 15G
- at least 8X DVD-ROM, USB, EXTERNAL
- Dual, Hot-plug, Power Supply (1+1), 1400W, Mixed Mode
- 1U Rack
- 3-year ProSupport
- Bundled with: Central Intercept X Advanced for server (36 months), must be compatible in our existing endpoint to central manage in one console
- Certification from the manufacturer that the bidder is an authorized reseller of the proposed products (server and endpoint).
- Certification of at least one (1) locally based certified personnel of the bidder (at least Certified VMware Professional VCP 6 – Data Center Virtualization) who will do the installation and configuration for the Servers. Note: Certified photocopy of certifications and company ID will form part of the eligibility documents.

**Statement of Compliance**

2023-03-0418 LSD NSHP	3	Network Firewall	1	unit	
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**Technical Specifications:**

- Firewall throughput: 39,000 Mbps
- Ethernet interfaces (fixed): 8xGbE copper, 2 x SFP fiber
- Threat Protection throughput: 1,500 Mbps
- New connections/sec: 148,000
- IPsec VPN throughput: 20,500 Mbps
- Wireless, SD-WAN, application aware routing, traffic shaping
- inclusive of 12 months subscription

**Features and additional specification:**

**1. Protection and Performance:**

- TLS 1.3 inspection, Deep-Packet Inspection
- SD-WAN and VPN: IPsec/SSL site-to-site and unlimited remote access VPN

**2. Reporting:**

- Historical on-box logging and reporting, centralize cloud reporting
- Extensive threat intelligence analysis reporting

**3. Network Protection:**

- TLS Inspection: TLS 1.3 inspection with pre-packaged exceptions
- DPI engine: streaming deep-packet inspection
- IPS: Next-gen Intrusion Prevention
- ATP: Advanced Threat Protection
- Synchronized Security Heartbeat: integration with Sophos Endpoints to identify and isolate threats
- Clientless VPN: HTML5
- SD-RED VPN: Sophos SD-RED site-to-site VPN. Manage SD-RED devices
- Reporting: Extensive network and threat reporting

**4. Web Protection:**

- TLS Inspection: TLS 1.3 inspection with pre-packaged exceptions
- DPI engine: streaming deep-packet inspection
- Web Control: by user, group, category, URL, keyword
- Web Threat Protection: malware, PUA, malicious JavaScript, pharming
- App Control: by user, group, category, risk, and more
- Synchronized App Control: integration with security endpoints to identify unknown apps
- Synchronized SD-WAN: utilizing Synchronized App Control to route unknown apps
- Reporting: Extensive web and app reporting

**5. Zero-Day Protection:**

- TLS Inspection: TLS 1.3 inspection with pre-packaged exceptions

- DPI engine: streaming deep-packet inspection
- analyze all unknown files using AI, ML, and sandboxing using cloud-based intelligence and analysis
- Machine Learning: using multiple deep learning models
- Cloud Sandboxing: dynamic run-time analysis of unknown files

**6. Synchronized Security:**

- fully identify the user and source of an infection on your network and automatically limit access to other network resources in response.
- Security Heartbeat that shares telemetry and health status between security endpoints and firewall
- integrates endpoint health into firewall rules to control access and isolate compromised systems. **(must be compatible in our existing endpoint)**

**BIDDERS ELIGIBILITY AND MANDATORY REQUIREMENTS:**

To ensure the quality of the products offered and assurance for immediate and competent after-sales technical support included in the bid submission:

- Certification from the manufacturer that the bidder is an authorized reseller of the proposed products.
- Manufacturers warranty certification
- The Bidder must have atleast 2 Certified Engineer of the brand being offered.

**Statement of Compliance**

<b>2023-03-0490 GSITD AFACI- TRUST</b>	<b>4</b>	<b>Server Workstation</b>	<b>1</b>	<b>unit</b>	
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**Technical Specifications:**

**Processor:** Intel Xeon Silver 4208 2.1G, 8C/16T  
**Additional Processor:** Intel Xeon Silver 4208 2.1G, 8C/16T  
**System Memory:** 32GB (16Gb x 2) of 3200MT/s RDIMMs  
**Hard Drive:** 1TB 7.2K RPM SATA 6Gbps 512n 3.5in Hot-plug Hard Drive  
**Chassis:** with up to 8, 3.5" Hot Plug Hard Drives  
**Power Supply:** Dual, Hot-plug, Redundant Power Supply 495Watts

**Statement of Compliance**

<b>2023-03-0490 GSITD AFACI- TRUST</b>	<b>5</b>	<b>NAS Storage</b>	<b>2</b>	<b>unit</b>	
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**Technical Specifications:**

**Processor:** Intel® Core™ i3-8100T 4-core 3.1 GHz Processor  
**System Memory:** 8GB DDR4 RAM  
**Maximum Memory:** 32GB DDR4 RAM  
**Gigabit Ethernet Port:** 1 x 5GbE (5G/2.5G/1G/100M Multi-gigabit)  
**Gigabit Ethernet Port:** 2 x GbE LAN  
**Drive Bay:** 8 x HDD/SSD (3.5"/2.5")  
**M.2 SSD Slot:** 2 x M.2 2280 PCIe Gen3  
**USB 3.2 Gen 1 port:** 1 port  
**USB 3.2 Gen 2 (10Gbps) Port:**  
 2 x Type-C USB 3.2 Gen 2 10Gbps  
 2 x Type-A USB 3.2 Gen 2 10Gbps

**Name and Signature of Authorized Representative**

**Company Name**

**Date Signed**

### Lot 5- Supply and Delivery of various ICT Equipment (Computing Devices)

Division	Item No.	Description	Quantity	Statement of Compliance
2023-03-0428 LSD NSHP	1	<p><b>Heavy Duty Full Colour Multifunctional Photocopying Machine</b></p> <p>Function: Print, Scan and Copy            Memory : at least 4GB            Hard Disk Capacity: at least 160GB            Paper Sizes: 100 x 148 mm up to 320 x 450 mm (Postcard, A4, Letter, A3 &amp; SRA3)            Number of Paper Trays: 5 ( 4 trays &amp; 1 bypass tray)            Duplex Printing &amp; Scanning : Standard duplex printing and scanning            Copy and Scan Resolution: at least 600 x 600 dpi            Printing Resolution: at least 1200 x 2400 dpi            Print &amp; Copy Speed: at least B/W: 55 ppm, Colour: 50 ppm            Scan Speed: at least B/W: 80 ppm, Colour: 80 ppm (1 pass, 2 sided scanning: B/W: 150 ppm, Colour: 150 ppm)            Interface: Ethernet 100BASE-TX / 10BASE-T, USB2.0            Duplex Automatic Document Feeder Capacity: at least 130 sheets            Other features: With Electronic Sorting and Collating            Inclusion of 3 sets of consumables (Toners)</p>	1	

2023-03-0428 LSD NSHP	2	<b>Network Printer (Advance)</b> Printer Type: LaserJet Printing Method: Colour Laser Beam Printer Function: Print, Scan, Copy & Fax (With ADF and Flatbed) Display: WVGA Colour LCD 5-inch Touch Screen Display Print Resolution: up to 1200 x 1200 dpi Paper Sizes: A4, B5, A5, A6, Letter, Legal, Statement, Executive, Government Letter, Government Legal, Foolscap, Indian Legal, Envelope (COM10, Monarch, C5, DL) Custom (min. 98.0 x 148.0 mm to max. 216.0 x 356.0 mm) Number of Paper Trays: 2 Automatic 2-Sided Printing (up to A4/Letter) Interface: USB 2.0 and Ethernet LAN Network: WiFi 4, WiFi Direct, Airprint, Mopria and Microsoft Universal Print	10	
2023-03-0427 GSITD NSHP (4) 2023-02-0268 OAP NRP-PAEF (5)	3	<b>Network Printer (Basic)</b> Printer Type: LaserJet Printer Function: Print, Scan, Copy & Fax (With ADF and Flatbed) Maximum Resolution: 4800 x 600 dpi Paper Sizes: A4, Letter, Legal and A3 Number of Paper Trays: 2 Automatic 2-Sided Printing (up to A4/Letter) Interface: USB 2.0 Network: Wireless, Mopria, AirPrint, Direct Wireless, Ethernet	9	
2023-03-0432 SWRRD RD- OAP-Cont. (2) 2023-03-570 Property Management Unit (4)	4	<b>Desktop Printer (Advance)</b> Printer Type: Ink tank Printer Function: Print, Scan, Copy & Fax (With ADF and Flatbed) Maximum Resolution: 4800 x 1200 dpi Number of Paper Trays: 1 Interface: USB 2.0 Network: Wireless, Mopria, AirPrint, Direct Wireless Borderless Printing (A4 / Letter / 4 x 6" / 5 x 7" / 8 x 10" / Square (5 x 5") / Business Card)	6	
2023-03-0430 WRMD Rice Essets	5	<b>Desktop Printer (Basic)</b> Printer Type: Ink tank Printer Function: Print Print Method: On-demand inkjet (Piezoelectric) Maximum Resolution: 5760 x 1440 dpi Number of Paper Trays: 1 Interface: USB 2.0 Borderless Printing (up to 4R)	1	
2023-03-0429 LUPEZ RD-LTR	6	<b>Scanner</b> Type: Sheetfed Scanner Resolution: up to 600 DPI x 600 DPI ADF Paper Capacity: up to 50 Sheets Duplex Scan: Yes Document Sizes: Paper size Minimum: 2" x 2" Paper size Maximum: 8.5" x 240 Interface: USB Type-B	1	
2023-03-0428 LSD NSHP	7	<b>Tablet</b> Chipset: M1 Chip Display: 10.9 inch Camera: 12 MP Storage: 256GB Interface: USB-C Wireless: Wi-Fi With Pencil and Smart Keyboard Folio	4	



2023-02-0268 OAP NRP-PAEF	8	<b>Geotagging Device</b> CPU: at least Octa-Core Display Type: TFT LCD Screen Size: at least 12.4 inches Screen Resolution: at least 1600 x 2560 pixels Operating System: Android 11 Chipset: Qualcomm SM7225 Snapdragon 750G 5G (8 nm) - 5G RAM: at least 6GB Storage: at least 128GB Battery: at least LiPo 10090 mAh Camera: at least 5MP Front Camera at least 8MP Rear Camera	71	
2023-03-0417 GSITD STO-ICT (CO Cont. Fund)	9	<b>Geotagging Device</b> Chipset: A15 Bionic chip CPU Core: 6 GPU Core: 4 Storage: 128GB Screen Size: 6.1" Screen Resolution: 2532 x 1170 pixel Cellular & Wireless: at least 5G, LTE Advanced, Wi-Fi 6 and Bluetooth 5.0 Camera: 12MP	2	
2023-03-0416 OAP NRP-PAEF	10	<b>Geotagging Device</b> Chipset: A15 Bionic chip CPU Core: 6 GPU Core: 4 Storage: 256GB Screen Size: 4.7" Screen Resolution: 1334 x 750 pixel Cellular & Wireless: at least 5G, LTE Advanced, Wi-Fi 6 and Bluetooth 5.0 Camera: 12MP	18	
2023-02-0269 SCMD GEF 6	11	<b>Communication Device</b> CPU: at least Octa-Core Display Type: Super AMOLED Plus, 120Hz Screen Size: at least 6.7 inches Screen Resolution: at least 1080 x 2400 pixels Operating System: Android 12 Chipset: Qualcomm SM7325 Snapdragon 778G 5G RAM: at least 8GB Storage: at least 128GB Battery: at least LiPo 5000 mAh Camera: at least 32MP Front Camera at least 108MP Rear Camera	2	
2023-03-0568 WRMD	12	<b>Communication Device</b> <b>Processor:</b> Helio G90T <b>Operating System:</b> at least android 11 <b>Screen Size:</b> at least 11 inches <b>Screen Resolution:</b> at least 2000 x 1200 pixels <b>RAM:</b> at least 6GB <b>Storage:</b> at least 128GB <b>Battery:</b> at least 7500 mAh <b>Connectivity:</b> at least WiFi, LTE and Bluetooth <b>Camera:</b> at least 8MP Front Camera at least 13MP Rear Camera	10	
2023-03-0428 LSD NSHP	13	<b>Barcode Printer</b> Print Technology: Direct Thermal Printing Resolution: 300 dpi Maximum Print Width: Up to 2.205" (56 mm) Maximum Print Length: Up to 39.37" (1 m) Minimum Print Length: 0.24" (6 mm) Buttons: Power, Feed and Print	2	

		<p>Printer Memory: 6 MB or up to 99 templates  Printer Control Commands: P-touch Template 2.0,  Raster, ESC/P  Release Mode: Continuous and Tear off  USB: USB Ver.2.0  Serial: RS232C (Original serial cable)  Wired LAN: 10/100BASE-TX  With Touch Panel Display</p>		
2023-03-0428 LSD NSHP	14	<p><b>Handheld Barcode Scanner (Rugged)</b></p> <p>Interface: USB, RS232, Keyboard Wedge and Ethernet  Battery: at least 3100 mAh  Indicators: Direct decode indicator; LEDs; beeper;  vibration  Scans per Full Charge: up to 100,000  Illumination: 660 nm LED  Aimer: 610 nm LED  Imager Field of View: Horizontal: 42°, Vertical: 28°  Image Sensor: 1,280 x 800 pixels  Skew/Pitch/Roll:  Skew: ± 60°  Pitch: ± 60°  Roll: ± 360°  Decode Capabilities:  1D- Code 39, Code 128, Code 93, Codabar/NW7, Code  11, MSI Plessey, UPC/EAN, I 2 of 5, Korean 3 of 5,  GS1 DataBar, Base 32 (Italian Pharma)  2D- PDF417, Micro PDF417, Composite Codes, TLC-39,  Aztec, DataMatrix, MaxiCode, QR Code, Micro QR,  Chinese Sensible (Han Xin), Postal Codes  Digimarc- Digital watermark technology  IUID Support- Supports IUID parsing, the ability to  read and Separate IUID fields per application  requirements</p>	2	
2023-03-0428 LSD NSHP	15	<p><b>Handheld Barcode Scanner (Cordless)</b></p> <p>Interface: USB, RS232, Keyboard Wedge, TGCS  (IBM) 46XX over RS485  Indicators: Direct decode indicator, good decode  LEDs, Beeper  Light Source: 650 nm Laser Diode Class 2  Scan Angle: 35°  Skew/Pitch/Roll:  Skew: ± 10°  Pitch: ± 65°  Roll: ± 60°  Decode Capabilities: Code 39, Code 128, Code 93,  Codabar/NW7, Code 11, MSI Plessey, UPC/EAN, I  2 of 5, Korean 3 of 5, GS1 DataBar, Base  32 (Italian Pharma) etc.</p>	12	
2023-03-0428 LSD NSHP	16	<p><b>Projector</b></p> <p>Light Source Type: LED  Native Resolution: 1280x720  Maximum Input Resolution: 1920x1080  Brightness: 500 Lumens  Built-in Battery: 6000 mAh  Lamp Life: up to 30000 hrs  Contrast Ratio: 400:1  With Wireless Projection  Input:  HDMI x 1  USB Type-A x 1  3.5mm Jack x 1  USB Type-C x 1</p>	2	
2023-03-0428 LSD NSHP	17	<p><b>Document Camera (Advance)</b></p> <p>Pixels: 2MP (1920 x 1080 pixels)  Camera Sensor: 1/2.7inch CMOS Sensor  Resolution: Up to Full HD (1080p)  Zoom: 10x Digital Zoom, 12x Optical Zoom</p>	4	

		<p>Frame Rate; Up to 30fps  Native Resolution; 1080p (16:9 Aspect Ratio)  Input:  D-Sub 15Pin (VGA)  Output:  D-Sub 15Pin (VGA), HDMI, USB-B  Internal Microphone  Memory I/O SD Card; 1 (SD / SDHC, No SDXC support)</p>		
2023-03-0431 WRMD Rice- Essets-Cont.	18	<p><b>Document Camera (Basic)</b></p> <p>Output Signals / Resolution:  USB: VGA, SVGA, XGA, SXGA, WXGA, 720p, 1080p  Frame Rate: 15 fps max.  Lens: F-number: 2  Zoom: 8x digital zoom  Focus: Automatically with one-touch button  Image Rotation: ±90 degrees (Horizontal/Vertical)  Input Terminal: USB-B (for connection to PC/Mac)</p>	1	
2023-02-0268 OAP NRP-PAEF	19	<p><b>Signal Booster</b></p> <p>Frequency Range Uplink:  890~915/1920~1980/2500~2570MHz  Frequency Range  Downlink:935~960/2110~2170/2620~2690MHz  Gain: 70dB  Output Power: 23dBm  Power Adapter: EU/US/AU/UK Plug  Power supply: AC:110~220V; DC:12V 2A  Connector Type: N Female  Coverage: Up to 500 sqm without barrier  Improve Network Type: 2G Voice and 3G 4G Internet  Data</p>	3	
2023-03-0475 LSD NSHP	20	<p><b>Supply, Delivery and Installation of Biometric Door Lock System</b></p> <p><b>Technical Specifications</b></p> <p><b>Type of Door:</b> Framed Glass  <b>No. of unit:</b> 3 pcs.  <b>Door Thickness:</b> 30mm to 70mm  <b>Battery:</b> 4 x AAA Battery  <b>Pin Codes:</b> Save up to 500  Cards: Can register up to 500  <b>Fingerprint:</b> Can register up to 200  <b>Mode of Access:</b>  Fingerprint  Pin Code  Smartphone key via Bluetooth  Card  Mechanical Key</p> <p><b>Type of Door:</b> Glass Door  <b>No. of unit:</b> 1 pc.  <b>Door Thickness:</b> 10mm to 15mm  <b>Battery:</b> 4 x AAA Battery  <b>Sensor:</b> Optical fingerprint sensor  <b>Pin Codes:</b> Save up to 95  <b>Cards:</b> Can register up to 100  <b>Fingerprint:</b> Can register up to 120  <b>Mode of Access:</b>  Fingerprint  Pin Code  Smartphone key via Bluetooth  RFID Card  Remote Control</p>	1	

**Name and Signature of Authorized Representative**

**Company Name**

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**Lot 6- Supply and Delivery of various ICT Equipment (Drone)**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Statement of Compliance</b>
<b>2023-02-0269 SCMD-GEF 6 Item No. 1</b>	Supply and Delivery of (UAV) and Photo Processing Software	<b>1</b>	
<b>Technical Specifications</b>			
<b>A. Drone (2 units)</b>			
<b>Aircraft (multi rotor)</b>			
<b>Max Speed:</b> 31mph (50 kph) (P-mode) 36 mph (58 kph) (A-mode)			
<b>Max Flight Time:</b> Approx. 30 minutes			
<b>Hover Accuracy Range:</b> RTK enabled and functioning properly:			
<b>Vertical :</b> ±0.1 m ; <b>Horizontal :</b> ±0.1 m RTK disabled			
<b>Vertical :</b> ±0.1 m (with vision positioning); ±0.5 m (with GNSS positioning)			
<b>Horizontal :</b> ±0.3 m (with vision positioning); ±1.5 m (with GNSS positioning)			
<b>Takeoff Weight :</b> 1391 g			
<b>Max Service Ceiling Above Sea Level:</b> 19685 ft (6000 m)			
<b>Vision System</b>			
<b>Altitude Range:</b> 0-33 ft(0 - 10 m)			
<b>Operating Range:</b> 0-33 ft(0 - 10 m)			

**Obstacle Sensing Range:** 2-98 ft(0.7-30 m)

**Measuring Frequency:** Forward/Rear : 10 Hz; Downward: 20 Hz

**Camera**

**Sensor:** 1" CMOS; Effective pixels: 20 M

**Lens:** FOV 84° ; 8.8 mm / 24 mm(35 mm format equivalent:24 mm) f/2.8 - f/11, auto focus at 1 m - ∞

**ISO:** Video: 100-3200(Auto) 100-6400(Manual) ; Photo:100-3200(Auto)

**Mechanical Shutter Speed:** 8 - 1/2000 s

**Electronic Shutter Speed:** 8 - 1/8000 s

**Max Image Size:** 4864×3648 (4:3); 5472×3648 (3:2)

**Video Recording Modes:** H.264, 4K : 3840×2160 30p

**Photo Format:** JPEG

**Video Format:** MOV

**Supported File Systems:** FAT32 (≤ 32 GB), exFAT (> 32 GB)

**Supported SD Cards:** MicroSD, Max Capacity: 128 GB. Class 10 or UHS-1 rating required Write speed≥15 MB/s

**Flight Battery:**

**Capacity:** 5870 mAh

**Voltage:** 15.2 V

**Battery Type:** LiPo 4S

**Energy:** 89.2 Wh

**SDK Remote Controller**

**Operating Frequency:** 2.400 GHz to 2.483 GHz (Europe, Japan, Korea)  
5.725 GHz to 5.850 GHz (United States, China)

**Built in Battery:** 6000 mAh LiPo 2S

**Operating Current/Voltage:** 1.2 A @ 7.4 V

**Mobile Device Holder:** Tablets and Smartphones

**B. Photo Processing Software**

i. Agisoft Metashape Standard Edition **(1 license)**

ii. PIX4D: **(1 license)**

PIX4Dmapper

PIX4Dmatic

PIX4Dreact

*Warranty: One (1) year standard warranty*

*Inclusion of training on Drone operation*

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**Lot 7- Supply and Delivery of various ICT Equipment (Personal Computers)**

Division	Item No.	Description	Quantity	Statement of Compliance
2023-03-0428 LSD NSHP	1	<p><b>Desktop Computer</b> (<i>Advance-Multimedia Processing/Big Data Analytics</i>)</p> <p>Chipset:M1 chip            CPU Core: at least 8            GPU Core: at least 8            Neural Engine Core: at least 16            Memory: at least 16GB            Storage: at least 1TB SSD storage            Interface:                Two Thunderbolt / USB 4 ports                Two USB 3 ports                Gigabit Ethernet            With Magic Mouse, Magic Trackpad, Magic Keyboard with Touch ID and Numeric Keypad</p>	2	
2023-03-0428 LSD NSHP	2	<p><b>Desktop Computer</b> (<i>Advance-Mapping/CAD/System Development</i>)</p> <p>Processor: at least 16 Cores, i9-12th Gen or higher, 30mb cache / at least 12 Cores, R9 Zen3 or higher, 64mb cache            GPU: at least 12GB VRAM</p>	46	

		<p>RAM: at least 16GB DDR4 RAM 3600MHz  Form Factor: Mid/Full Tower  Motherboard: at least 2 x M.2 Slot, 4 x RAM Slot  Internal Storage: 500 GB m.2 NVMe  Internal Storage: 1TB HDD  Power Supply: Rating at least 1000 watts 80+ Bronze  Display: at least 24-inch Monitor  Operating System: Windows 11 Pro  Keyboard and Mouse</p>		
2023-03-0428 LSD NSHP	3	<p><b>Desktop Computer</b> (<i>Basic-Mapping/CAD/System Development</i>)</p> <p>Processor: at least 12 Cores, i7-12th Gen or higher, 25mb cache / at least 8 Cores, R7 Zen3 or higher, 32mb cache.  GPU: at least 6GB VRAM  RAM: 16GB DDR4 RAM 3200MHz  Form Factor: Mid/Full Tower  Motherboard: at least 2 x M.2 Slot, 4 x RAM Slot  Internal Storage: 500 GB m.2 NVMe  Internal Storage: 1TB HDD  Power Supply: Rating at least 750 watts 80+ Bronze  Display: at least 24-inch Monitor  Operating System: Windows 11 Pro  Keyboard and Mouse</p>	30	
2023-03-0427 GSITD NSHP (23) 2023-03-0432 SWRRD RD-OAP-Cont. (1)	4	<p><b>Desktop Computer</b> (<i>Basic Office Document</i>)</p> <p>Processor: at least 6 Cores, i5-12th Gen or higher, 18mb cache / at least 6 Cores, R5 Zen3 or higher, 16mb cache  GPU: on-board/shared  RAM: 8GB DDR4 3200MHz, upgradable up to 16gb  Form Factor: Mid Tower  Motherboard: at least 1 x M.2 Slot, 2 x RAM Slot : Interface: 1 HDMI, 1 VGA  Internal Storage: 256 GB m.2 NVMe  Internal Storage: 1TB HDD  Power Supply: Rating at least 500 watts 80+ Bronze  Display: at least 24-inch Monitor  Operating System: Windows 11 Pro  Keyboard and Mouse</p>	24	
2023-02-0269 SCMD GEF 6	5	<p><b>Laptop Computer</b> (<i>Advance-Multimedia Processing/Big Data Analytics</i>)</p> <p>Processor: i9-12th Gen / R9 Zen 3+  Storage: 2TB M.2 PCIe NVMe  Memory: at least 32 GB of DDR5, upgradable to 64 GB using two soDIMM modules  GPU: at least 8Gb dedicated  Screen size: at least 15.6-inch 165Hz  OS: Windows 10/11  MS Office: Microsoft Office 2021 (license)</p>	1	
2023-03-0428 LSD NSHP	6	<p><b>Laptop Computer</b> (<i>Basic-Multimedia Processing/Big Data Analytics</i>)</p> <p>Chipset: M2 Pro  CPU Core: at least 10  GPU Core: at least 16</p>	9	

		<p>Neural Engine Core: at least 16  Memory: at least 16GB  Storage: at least 1TB SSD  Display: at least 14 inch  96W USB-C Power Adapter  Interface:  Three Thunderbolt 4 ports  HDMI port  SDXC card slot  headphone jack  MagSafe 3 port</p>		
2023-03-0428 LSD NSHP	7	<p><b>Laptop Computer</b> (<i>Basic-Multimedia Processing/Big Data Analytics</i>)</p> <p>Processor: i9-12th Gen / R9 Zen3  Storage: at least 512GB M.2 PCIe NVMe SSD  Memory: 16 GB of DDR5 4800MHz, upgradable to 32GB using two soDIMM modules  GPU: atleast 8Gb dedicated  Screen size: at least 15.6-inch  Display Type: IPS; at least 165Hz  Operating System: Windows 10/11 Pro</p>	14	
2023-02-0269 SCMD GEF 6	8	<p><b>Laptop Computer</b> (<i>Basic-Mapping/CAD/System Development-</i>)</p> <p>Processor: i7-12th Gen / R7 Zen3  Storage: at least 512GB M.2 PCIe NVMe SSD  Memory: at least 8gb DDR5 4800MHz upgradable to 32GB using two soDIMM modules  GPU: atleast 4Gb dedicated  Screen size: atleast 15.6-inch  Display Type: IPS; at least 144Hz  OS: Windows 10/11 Pro</p>	1	
2023-03-0427 GSITD NSHP (23) 2023-02-0268 OAP NRP-PAEF (27) 2023-03-0433 SWRRD RD-RICE Cont. Fund (1) 2023-03-0432 SWRRD RD-OAP-Cont. (1) 2023-03-0463 HIGHPEZ RD-LTR (8) 2023-02-0269 SCMD GEF 6 (1) 2023-03-0568 WRMD (4)	9	<p><b>Laptop Computer</b> (<i>Basic Office Document</i>)</p> <p>Processor: i5-12th Gen / R5 Zen3  Storage: at least 512GB M.2 PCIe NVMe SSD  Memory: at least 8GB, DDR4 3200MHz upgradable to 32GB using two soDIMM modules  Screen size: at least 15.6-inch  Display Type: IPS  Operating System: Windows 10/11 Pro  MS Office: Microsoft Office 2021 (license)</p>	65	



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**Lot 8- Supply and Delivery of various ICT Equipment (Multi-Media)**

<b>Division</b>	<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Statement of Compliance</b>
2023-03-0428 LSD NSHP	1	<b>Multimedia Display</b> Screen Size: at least 75 inch TV Resolution: at least 4K Refresh Rate: 60Hz Operating System: Tizen Bluetooth 5.0 Wi-Fi: 2.4G & 5G I/O Ports: HDMI x 3 USB 2.0 x 2 Ethernet LAN x 1 Digital Audio Out (Optical) x 1	2	
2023-03-0421 INFO Regular	2	<b>Multi-Media Display</b> Smart TV Screen Size: at least 86" TV Resolution: at least 4K Connectivity: Bluetooth 5.0 Screen Share (Miracast) Wi-Fi: 2.4G & 5G I/O Ports at least: 3 x HDMI 2.0	3	

		<p>1 x USB 2.0  1 x 3.5 mm Jack  1 x VGA  1 x RJ45  1x Digital Audio Out (Optical)</p>		
2023-03-0421 INFO Regular	3	<p><b>Interactive Display</b> Display Type: LCD  Display Size: 86 in.  Light Source: LED  Resolution: 3840 x 2160 px  Refresh Rate: 60Hz  Response Time: 8ms  Panel Surface: 9H  Ethernet Lan: 10/100/1000 Mbps  Wireless: at least 802.11 AC and Bluetooth 4.0  Operating System: at least android 9.0  GPU: at least ARM Mali-G52  CPU: at least ARM Quad core A73  Memory: at least 4GB LPDDR4  Storage: at least 32GB eMMC  Microphone: Beamforming array (Omnidirectional)  Touch Technology: Infrared  Connector: 3 x HDMI 2.0 1 x VGA 1 x SPDIF 4 x USB-A 3.0 2 x USB-B 2.0 1 x USB-C 3.1</p>	1	
2023-03-0428 LSD NSHP	4	<p><b>Digital Whiteboard Specifications:</b>  • At least 75" Screen size  • 4K UHD Projective Capacitive touch screen display, with 20 touch points  • At least Intel i5 Processor  • At least 8Gb of RAM  • At least 128Gb of storage, SSD  • At least 400nits brightness  • At least 8ms response time  • Supports Wi-Fi 6; with built-in TPM2.0  • HDMI, USB, audio out and Ethernet ports  Includes 1 portable stand, 1 VESA Wall Mount and 4 Stylus  At least 1 Year product warranty  <b>Features:</b>  • Compatible across conferencing platforms like Zoom, Google Meet, Microsoft Teams and Cisco webex  • Dynamic collaboration with universal screencasting, like Chromecast and AirPlay sharing</p>	2	
2023-03-0430 WRMD Rice Esets	5	<p><b>DSLR Camera</b>  Type: Digital single-lens mirrorless AF/AE (Interchangeable Lens Camera)  Image Sensor: 24.1 megapixels; APS-C CMOS  Autofocus: 143 AF areas (auto selection); Dual Pixel CMOS AF  Wireless Connection: Wi-Fi® and Bluetooth  Video Shooting: 4K 23.98 fps; Full HD 59.94 fps / 29.97 fps  Screen (Monitor): 3.0-inch; TFT color; touch panel; up to 180° tilt</p>	1	
2023-03-0428 LSD NSHP	6	<p><b>Camera</b>  Lens Mount: E- Mount  Sensor Resolution: 34.1 megapixels  Sensor Type: 35 mm full frame (35.9 x 23.9 mm), Exmor R CMOS sensor  Movie Resolution: at least 4K  Focus Sensor: Exmor R CMOS sensor  Focus Point: 759 points (35 mm full frame)  Metering Type: 1200-zone evaluative  ISO Sensitivity: 100-51200  Viewfinder: 1.3cm (Quad VGA OLED)  LCD: 7.5cm (TFT)  Image Stabilization Type: Image Sensor-Shift mechanism with 5-axis compensation  With 28-70mm Zoom lens</p>	3	
2023-03-0421 INFO Regular	7	<p><b>Video Camera</b>  Type: Video Recorder  Sensor Resolution: 21.14 Megapixel (Actual)  Sensor Type: 1/2.3 (CMOS)  Image Stabilization: Optical in Integrated Lens</p>	1	

		<p>Digital  Built-in ND Filter: Auto or Off  Optical Zoom Ratio: 20x  Max Digital Zoom: 400x  Minimum Aperture: f/1.8 - 2.8  Control Rings: Focus and Zoom  Audio Recording: MPEG-2 AAC-LC (16-bit 2ch)/LPCM (16-bit 4ch)  Audio Input:  2 x XLR 3-pin Jack with 48V phantom power  1 x 3.5mm Microphone Jack  Built-in Mic  Headphone Output: 3.5mm stereo mini jack  HDMI Output: HDMI mini connector  USB: Mini-B, Hi-Speed USB, PTP class supported  SDI Output:  XA45: 3G-SDI with BNC connector  XA40: No  DC input: 3.4mm jack  Remote Control Terminal: 2.5mm mini jack  Screen Size: 3.0"  Display Type: Capacitive LCD touch panel</p>		
2023-03-0421 INFO Regular	8	<p><b>Camera</b> PTZ Camera for Online Meetings  Type: PTZ Camera (Pan, Tilt and Zoom) Ultra-HD imaging system supports: 4K, 1440p, 1080p, 900p, 720p, and 480p @ 30fps 1080p, 720p @ 60fps  Indicator: Video mute/unmute LED  Camera Features:  Autofocus 3 Camera presets Pan: at least ±90° Tilt: at least +50° / -90° Zoom: at least 15x HD  Invertible Mount  Standard tripod thread</p>	4	
2023-03-0484 INFO Regular	9	<p><b>Conference Microphone Set</b>  Type: Delegate Microphone (20 Units)  Type: Delegate Microphone (20 Units)  Microphone: Unidirectional condenser  Microphone stem length: at least 40cm  8-pin captive cable: Double shielded at least 50 cm  Sensibility: at least -46±4dB  Button: Push button (Microphone On/Off)  Indicator: LED (active microphone)  I/O: 3.5mm jack  Power Input: 24V DC  Type: Chairman Microphone (1 Unit)  Microphone: Unidirectional condenser  Microphone stem length: at least 40cm  8-pin captive cable: Double shielded at least 50 cm  Sensibility: at least -46±4dB  Push Button: Microphone On/Off, Priority  Speaker  Indicator: LED (active microphone)  I/O: 3.5mm jack  Power Input: 24V DC  Type: Control Unit (1 Unit)  Standard Capacity: at least 60 – 70  Power: AC 100-240V, 50/60Hz  Audio Port:  1 x XLR (Balance)  2 x RCA (Unbalance)  Maximum Audio Output: at least ±20 dBu  Max Power Consumption: 300W</p>	1	

	Terminal Connection Port: 4 x 13-pin 4 x 8-pin Channel Selection: 6 Display Type: OLED Audio port: USB-A Video Input port: 4 x RCA Video Output port: 2 x RCA Inclusions: Extension Cable (1 Unit) T-Cable (21 Units)		
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**Name and Signature of Authorized Representative**

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**Lot 9- Supply and Delivery of various ICT Supplies**

<b>Division</b>	<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Statement of Compliance</b>
2023-03-0426 GSITD NSHP (20) 2023-03-0423 GSITD NSHP(2)	1	<b>RAM</b> DDR4 16GB (16x1) 3200 MHz <b>SoDimm</b>	22	
2023-03-0426 GSITD NSHP	2	<b>RAM</b> DDR4 8GB (8x1) 3200 MHz <b>SoDimm</b>	25	
2023-03-0426 GSITD NSHP	3	<b>RAM</b> DDR4 8GB (8x1) 3200 MHz <b>LoDimm</b>	25	
2023-03-0426 GSITD NSHP (17) 2023-03-0423 GSITD NSHP (2) 2023-03-	4	<b>Internal Storage</b> <b>Type:</b> Solid State Drive (SSD) <b>Capacity:</b> 500 GB <b>Interface:</b> SATA 6 GB/S <b>Sequential Read:</b> Up to 560 MB/s <b>Sequential Write:</b> Up to 530 MB/s	35	

0429 LUPEZ RD-LTR (2) 2023-03-0506 SWRRD RD-OAP Cont. (4) 2023-03-0567 WRMD(10)				
2023-03-0426 GSITD NSHP (15) 2023-03-0506 SWRRD RD-OAP Cont. (1)	5	<b>Internal Storage</b> <b>Type:</b> Solid State Drive (SSD) <b>Capacity:</b> 1 TB <b>Interface:</b> SATA 6 GB/S <b>Sequential Read:</b> Up to 560 MB/s <b>Sequential Write:</b> Up to 530 MB/s	16	
2023-03-0426 GSITD NSHP	6	<b>Internal Storage</b> <b>Type:</b> Hard Disk Drive (HDD) <b>Capacity:</b> 1 TB <b>Interface:</b> SATA 6 GB/S <b>Read/Write speed:</b> 7200RPM	15	
2023-03-0426 GSITD NSHP	7	<b>Internal Storage</b> <b>Type:</b> Solid State Drive M.2 (SSD) <b>Capacity:</b> 1 TB <b>Form Factor:</b> M.2 2280 <b>Interface:</b> PCIe Gen4 x4 <b>Sequential Read Performance:</b> At least 5150MB/s <b>Sequential Write Performance:</b> At least 4900MB/s	15	
2023-03-0485 OAP NRP-PAEF	8	<b>External Drive</b> <b>Type:</b> Hard Disk Drive (HDD) <b>Capacity:</b> 1TB <b>Interface:</b> USB 3.0 <b>Speed:</b> Up to 5400 RPM	37	
Property Management Unit	9	<b>External Drive</b> <b>Type:</b> Solid State Drive (SSD) <b>Capacity:</b> 2 TB <b>Interface:</b> USB Gen 3.2 <b>Transfer Rate:</b> up to 1,050 MB/s	1	
2023-03-0426 GSITD NSHP	10	<b>Graphics Processing Unit (GPU)</b> GTX 1650 OC GDDR6 4GB Core Clock: 1695 MHz PCB Form: Low Profile Dual Fan <b>Interface:</b> DVI-D x1 HDMI x 1 Display Port x1	15	
2023-03-0426 GSITD NSHP (10) 2023-03-0423 GSITD NSHP (2)	11	<b>Graphics Processing Unit (GPU)</b> RTX 3060 Ti GDDR6X 16GB Default Clock: 2505 MHz Triple Fan <b>Interface:</b> HDMI x 2 Display Port x3	12	
2023-03-0426 GSITD NSHP	12	<b>Processor</b> I9-13thgen LGA 1700 Cores: 24	8	

		Threads: 32 Cache: 36MB Efficient/Performance Core Base Frequency: 2.20GHz/3.00 GHz Efficient/Performance Core Max Frequency: 4.30GHz/5.40 GHz UHD Graphics 770		
2023-03-0423 GSITD NSHP	13	<b>Processor</b> i7-12thgen LGA 1700 Core: 12 Threads: 20 Cache: 25MB Efficient/Performance Core Base Frequency: 2.70GHz/3.60 GHz Efficient/Performance Core Max Frequency: 3.80GHz/4.90 GHz UHD Graphics 770 With Fan	2	
2023-03-0426 GSITD NSHP	14	<b>Motherboard</b> B760 LGA 1700 ATX DDR4 2133 up to 5333 MHz DDR4 Slot 4 Max Memory 128GB Onboard Graphics Interface: 1 x HDMI (2.1), 1 x Display Port (1.4) USB Ports 3.2 M.2 Slot: 3 Wi-Fi 6E: Supports MU-MIMO TX/RX, 2.4GHz / 5GHz Bluetooth: Supports Bluetooth 5.3, FIPS, FISMA SATA 6Gb/s 4 ports	8	
2023-03-0423 GSITD NSHP	15	<b>Motherboard</b> H610M-D LGA1700 Micro-ATX DDR4 2133MHz upto 3200MHz DDR4 Slot 2 Max Memory 64GB USB Ports 3.2 M.2 Slot : 1 SATA 6Gb/s 4 ports	2	
2023-03-0426 GSITD NSHP (5) 2023-03-0423 GSITD NSHP (2)	16	<b>Power Supply</b> 1000 Watts 80+ Gold Modularity: Full Modular Form Factor: ATX	7	
2023-03-0429 LUPEZ RD-LTR	17	<b>Power Supply</b> Watts: at least 650 Rating: 80+ Bronze Type: Non-Modular Form Factor: ATX	2	
2023-03-0426 GSITD NSHP (25) 2023-02-0270 SCMD Regular (2) 2023-03-0429 LUPEZ RD-LTR (1)	18	<b>Monitor</b> <b>Size:</b> 24 Inch <b>Resolution:</b> 1920 x 1080 FHD <b>Panel Type:</b> IPS Panel <b>Refresh Rate:</b> at least 75hz <b>Ports:</b> 1 x HDMI 1 x VGA	28	

2023-03-0426 GSITD NSHP	19	<b>Casing</b> Form Factor: Mid Tower Motherboard Support: Mini ITX, Micro ATX, ATX, SSI CEB, E-ATX PSU Bottom mount ATX Tempered Glass Side Panel 3 x 2.5" Bay 4 x 2.5"/3.5" Combo Bay Pre-Installed fans (Front) 1 x 120mm (3) Pre-Installed fans (Rear) 1 x 140mm Fan Support (Top) 3 x 120mm, 2 x 140mm	5	
2023-03-0426 GSITD NSHP	20	<b>Processor Air Cooler</b> Cooler Type: Tower Compatible for: Intel LGA1700/1200/1151/1150/1155/1366  AM4/AM3+/AM3/AM2+/AM2/FM2+/FM2/FM Fan Dimension: 80mm Heat Pipe and Base: Copper Fan Speed: at least min. 400 – at least max. 1550 RPM	11	
2023-03-0423 GSITD NSHP	21	<b>Network Switch Hub</b> 8 Ports 10/100Mbps RJ45 Ports Mac Address Table at least 1K	10	
2023-03-0423 GSITD NSHP (11) 2023-03-0505 ALMED NSHP (1) 2023-03-0567 WRMD (4)	22	<b>Wireless Mouse</b> Type: Wireless Connection Type: Bluetooth® Smart and 2.4GHz wireless connection Wireless range: 10 m Battery Details: 1 x AA DPI (Min/Max): 1000± Sensor resolution: 1000 dpi Scroll Wheel: 3G Core Number of buttons: 8	16	
2023-03-0423 GSITD NSHP	23	<b>Wireless Keyboard and Mouse</b> <b>Keyboard</b> Adjustable height -tilt legs Special Keys: Music Controls Palm Rest 10-Key Number pad Key type: Deep profile On/Off power switch <b>Mouse</b> Sensor technology: High-precision Optical tracking Number of buttons: 3 (Left/Right-click, Middle click) Scrolling: line-by-line Scroll Wheel: Yes, 2D, mechanical Connect/Power: On/Off power button	15	
2023-03-0505 ALMED NSHP	24	<b>Wireless Keyboard</b> Type: Mechanical Keyboard Switch Type: Red Switch Connectivity: Bluetooth 5.0, 2.4Ghz Dongle, and Wired USB-C to USB-A Keyboard Size: 96% Hot Swappable switches	2	
2023-03-0505 ALMED NSHP	25	<b>Wired Keyboard</b> Type: Mechanical Keyboard Switch Type: Red Switch Connectivity: Wired USB-A	2	

		Keyboard Size: Full Size Hot Swappable switches		
2023-03-0485 OAP NRP-PAEF	26	<b>Web Camera</b> Max Resolution: 1080p/30 fps - 720p/ 60 fps Camera mega pixel: at least 3 mp Focus Type: Autofocus Built-in mic: Stereo Autofocus: Yes Lens type: Glass Connection: USB-A plug-and-play Tripod-ready universal mounting clip fits laptops, LCD or Monitors Tripod included	24	
2023-03-0505 ALMED NSHP(12) 2023-03-570 Property Management Unit(8)	27	<b>Web Camera</b> Max Resolution: 720p/30fps Camera mega pixel: at least 1.2 mp Focus type: Fixed Built-in mic: Mono Noise Cancelling mic range: up to 2.74m Connection: USB-A plug-and-play Universal mounting clip fits laptops, LCD, or monitors	20	
2023-03-042 SSD- NSHP	28	<b>Flash Drive</b> <b>Capacity:</b> 32GB <b>Speed:</b> USB 3.2 (backward compatible with USB 2.0) Interface: USB-A	50	
2023-03-042 SSD- NSHP	29	<b>Flash Drive</b> <b>Capacity:</b> 64GB <b>Speed:</b> USB 3.2 (backward compatible with USB 2.0) Interface: USB-A	15	
2023-03-042 SSD- NSHP	30	<b>Flash Drive</b> Capacity: 64GB Speed: USB 3.1 (backward compatible with USB 2.0) Interface: USB-A and USB Type-C	10	
2023-03-042 SSD- NSHP(2) Property Management Unit(8)	31	<b>Wifi Adapter</b> Interface: USB 3.0 Signal: 5GHz (up to 867Mbps) 2.4GHz (up to 400Mbps) 1 External High Gain Antenna Features: MU-MIMO	10	
2023-03-042 SSD- NSHP	32	<b>Wireless HDMI Extender/Adaptor</b> HDMI display up to 30m from the HDMI source HD 1080p video wireless transmission 5GHz transmission efficiency	2	
2023-02-0270 SCMD Regular	33	<b>Powerbank</b> Battery Capacity: at least 20000 mAh Input ports: Lightning Micro-USB Output ports: USB Type-A (2) I/O: DC 5V - 2.1A	2	
2023-02-0270 SCMD Regular	34	<b>Powerbank</b> Battery Capacity: at least 45,000 mAh Input port: Type-C (up to 20V-3.25A) Output ports: Type-C (5V-3A up to 20V-3.25A) USB-A (5V-1.5A up to 12V -2.4A) AC 220V ~ 50Hz 150W	1	



2023-02-0270 SCMD Regular	35	<b>USB Hub</b> USB 3.0 Data Hub Extend 3 ports USB A 3.0 with SD, TF, MS, and M2 Card Adapter	5	
2023-03-0429 LUPEZ RD-LTR	36	<b>USB Hub</b> Connector: USB Type-C Interface: USB-A x 3 PD slot x 1 TF slot x 1 SD slot x 1 AUX 3.5mm x 1 HDMI x 1 VGA x 1 RJ45 x 1	2	
2023-03-0487 LUPEZ RD Other Reg	37	<b>Bluetooth Audio Receiver</b> Bluetooth Version: at least 5.0 I/O: Female R/L (RCA), 3.5mm audio and Micro-USB Operation range : Up to 10m	1	
2023-03-0487 LUPEZ RD Other Reg	38	<b>Audio Recorder</b> BATTERY TYPE: Built-In Lithium Battery BUILT-IN MEMORY: 4 GB BUILT-IN MICROPHONE: Stereo (S-Mic) PLAYBACK FORMAT: LPCM/MP3/AAC/WMA RECORDING FORMAT: Linear PCM/MP3 With Calendar Search	1	
2023-03-042 SSD-NSHP	39	<b>Earphones</b> Earphones Type: In-ear Cord Type: Y-Type Frequency Response: at least 8-22,000 Hz Sensitivities (DB/MW): 100 dB/mW Cord Length: 1.2m Interface: 3.5mm jack	5	
2023-03-0505 ALMED NSHP	40	<b>Headphones</b> Type: Over-ear Headphone Frequency response: at least 20Hz – 20kHz Max input power: at least 20mW Sensitivity: at least 96dB SPL @1kHz/1mW Impedance: at least 32 ohm Microphone frequency response: at least 100Hz – 10kHz Microphone pickup pattern: Directional Microphone Type: Detachable Connection: 3.55mm jack	7	
2023-03-042 SSD-NSHP	41	<b>Bluetooth Speaker</b> Connectivity: Bluetooth and USB-C Bluetooth Version: 5.0 Battery: Built-in 6700mAh battery Call Time: 24 hours Power Charge In: 1 x Type C, 5V/2A input Power Charge Out: 1 x USB Type-A, 5V/2.1A output	1	
2023-03-042 SSD-NSHP	42	<b>Portable Network Storage</b> Capacity: 2 TB Interface: USB 3.0 Connectivity: Ethernet RJ45, WiFi Wifi Transmission: at least 300Mbps Battery: Built-in at least 4000mAh	1	
2023-03-0506 SWRRD RD-OAP Cont.	43	<b>Uninterruptible Power Supply (UPS)</b> Input Capacity: 650w/1200 VA Universal Socket: 4 Sockets Nominal Output Voltage: 230V Nominal Input Voltage: 230V	1	

		Battery Type: Lead-acid battery Typical Recharge Time: 8 hour(s)		
2023-03-0506 SWRRD RD-OAP Cont.	44	<b>Desktop Speaker</b> 3.5 mm input: 1 USB cable for power: 1 Controls: Power and volume controls on right speaker Two satellite speakers	1	
2023-03-570 Property Management Unit	45	<b>Desktop Speaker</b> Two satellite speakers Connectivity: 3.5 mm input: 1 USB Cable: 1 Bluetooth at least v5.0 Controls: at least Power and volume controls on right speaker	4	
2023-03-0512 HIGHPEZ RD-LTR	46	<b>Speaker</b> Type: Portable Speaker Output power: 160W Battery type: Li-ion polymer Battery charge time: 3.5 hours Music play time: up to 12 hours USB format: FAT16, FAT32 USB charge out: 5V / 2.1A (maximum) Cable type: AC Power Cable Cable length: at least 2000mm / 7.87" Bluetooth version: at least 5.1	1	
2023-03-0512 HIGHPEZ RD-LTR	47	<b>Mixing Console</b> Mixer Type: Analog Channels: 8 Mic Preamps: 4 (XLR) Line Inputs: 8 (1/4" TRS) EQ: 3-band (High, Mid, Low) Aux Sends: 1 (pre-fader), 1 (post-fader) Bus: 1 Stereo Main Outputs: 2 (1/4" TRS), 1 (RCA) Headphone Outputs: 1 (1/4" TRS) Bluetooth Connectivity: Yes Frequency Response: 20 Hz - 20 kHz THD: <0.1% Signal-to-Noise Ratio: >110 dB	1	
2023-03-0512 HIGHPEZ RD-LTR	48	<b>Wireless Microphone</b> Dual UHF Wireless Microphone 16 Selectable Frequencies Dual Antenna, True Diversity Receiving system 1U Space Rack Mountable AA Battery Adapter (USB) Balance XLR & Unbalance Audio Output <b>Features:</b> Soft Touch Button Control, Easy to Sync <b>Frequencies &amp; Operate</b> Transmitter Display the Battery Status Big LCD Display for easy Viewing	1	
2023-03-0512 HIGHPEZ RD-LTR	49	<b>Speaker</b> Power output: 600 watts peak / 300 watts RMS Frequency response: 50 Hz - 20 kHz Maximum SPL: 122 dB Woofer: 10" Kevlar cone Tweeter: 1" titanium compression driver Inputs: XLR, 1/4" TRS, RCA Outputs: XLR, 1/4" TRS	2	
2023-03-0512	50	<b>Two way radio</b> Type: Two-way Radio Distance: up to 20 km	2	

HIGHPEZ RD-LTR		Walkie talkie system: Simulation Battery capacity: at least 12000 mAh Voltage: 7.4V Channel: 16 channels Power: 45W~50W Frequency range: 400-520MHz		
2023-03-0423 GSITD NSHP	51	<b>RJ45 Jack CAT6 UTP</b> RJ45 Connector Jack CAT 6 Extension Coupler Ethernet Network LAN	20	
2023-03-0423 GSITD NSHP	52	<b>Crimping Tool for RJ45</b> Crimping Tool Network Double for RJ45 & RJ11	3	
2023-03-0423 GSITD NSHP	53	<b>UTP Patch Cord CAT6 1.5M</b> Network Patch Patch Category 6 created in copper 100% Connectors: (2) RJ45 Male / Male Anti-stress caps for protecting RJ45 connectors PVC cable sheath for flexibility and durability Unshielded (UTP)	15	
2023-03-0423 GSITD NSHP	54	<b>UTP Patch Cord CAT6 5M</b> Network Patch Patch Category 6 created in copper 100% Connectors: (2) RJ45 Male / Male Anti-stress caps for protecting RJ45 connectors PVC cable sheath for flexibility and durability Unshielded (UTP)	10	
2023-03-0485 OAP NRP-PAEF	55	<b>Tripod Phone Holder</b> Height Adjustment: Bottom Axis lifting with two locks and can be stretched to 149 cm Warranty Type: Supplier Warranty Material: Alloy, Aluminium Warranty Duration: 12 Months Weight Capacity: 2.5kg	4	
2023-03-042 SSD-NSHP	56	USB Port, Connector 11 in 1: USB-C, Output: 3x USB3.0 A female; 1 x PD slot, 1 x TF slot; 1 x SD slot, 1 x AUX slot, 1 x HDTV slot, 1 x VGA slot, 1 x RJ45/lan slot Hardware interface: MicroSD, USB 3.0, (HDMI Support resolution up to 4Kx2K/30Hz)	4	
	57	<b>USB Adaptor</b> Interface: USB-A (Male) to USB Type-C (Female)	4	
2023-03-0487 LUPEZ RD Other Reg	58	<b>Megaphone 50W</b> 50W max power / Pistol grip / Wired handheld microphone / Button activated siren / Recording function / MP3 playback via USB & SD slot	1	
2023-03-0505 ALMED NSHP	59	HDMI Cable Cord for Laptop to Cable TV 3m	1	
2023-03-570 Property Management Unit	60	HDMI Cable Cord (2m)	8	

**Name and Signature of Authorized Representative**

**Company Name**

**Date Signed**

## ***Section VIII. Checklist of Technical and Financial Documents***

### **Notes on the Checklist of Technical and Financial Documents**

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

GPPB Resolution No. 09-2020 on the efficient procurement measures during a State of Calamity or other similar issuances that shall allow the use of alternate documents in lieu of the mandated requirements; or

Any subsequent GPPB issuances adjusting the documentary requirements after the effectivity of the adoption of the PBDs.

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

# Checklist of Technical and Financial Documents

## I. TECHNICAL COMPONENT ENVELOPE

### *Class “A” Documents*

#### Legal Documents

- (a) Valid PhilGEPS Registration Certificate (Platinum Membership) (all pages) in accordance with Section 8.5.2 of the IRR;

#### Technical Documents

- (b) Statement of the prospective bidder of all its ongoing government and private contracts, including contracts awarded but not yet started, if any, whether similar or not similar in nature and complexity to the contract to be bid; **and**
- (c) Statement of the bidder’s Single Largest Completed Contract (SLCC) similar to the contract to be bid, except under conditions provided for in Sections 23.4.1.3 and 23.4.2.4 of the 2016 revised IRR of RA No. 9184, within the relevant period as provided in the Bidding Documents; **and**
- (d) Original copy of Bid Security. If in the form of a Surety Bond, submit also a certification issued by the Insurance Commission;
- or**
- Original copy of Notarized Bid Securing Declaration; **and**
- (e) Conformity with the Technical Specifications, which may include production/delivery schedule, manpower requirements, and/or after-sales/parts, if applicable; **and**
- (f) Original duly signed Omnibus Sworn Statement (OSS); **and** if applicable, Original Notarized Secretary’s Certificate in case of a corporation, partnership, or cooperative; or Original Special Power of Attorney of all members of the joint venture giving full power and authority to its officer to sign the OSS and do acts to represent the Bidder.

#### Financial Documents

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

### *Class “B” Documents*

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

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

- (i) *[For foreign bidders claiming by reason of their country’s extension of reciprocal rights to Filipinos]* Certification from the relevant government office of their country stating that Filipinos are allowed to participate in government procurement activities for the same item or product.
- (j) Certification from the DTI if the Bidder claims preference as a Domestic Bidder or Domestic Entity.

**FINANCIAL COMPONENT ENVELOPE**

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





## **Annex A: Bid Securing Declaration Form**

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

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REPUBLIC OF THE PHILIPPINES)  
CITY OF \_\_\_\_\_) S.S

### **BID SECURING DECLARATION**

**Project Identification No.: [Insert number]**

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

I/We, the undersigned, declare that:

1. I/We understand that, according to your conditions, bids must be supported by a Bid Security, which may be in the form of a Bid Securing Declaration.
2. **I/We shall furnish the required performance security within ten (10) calendar days in/ Case of receipt of Notice of Award (pursuant to GPPB Circular No. 04-2020 and GPPB Resolution No. 16-2020).**
3. I/We accept that: (a) I/we will be automatically disqualified from bidding for any procurement contract with any procuring entity for a period of two (2) years upon receipt of your Blacklisting Order; and, (b) I/we will pay the applicable fine provided under Section 6 of the Guidelines on the Use of Bid Securing Declaration, within fifteen (15) days from receipt of the written demand by the procuring entity for the commission of acts resulting to the enforcement of the bid securing declaration under Sections 23.1(b), 34.2, 40.1 and 69.1, except 69.1(f), of the IRR of RA No. 9184; without prejudice to other legal action the government may undertake.
4. I/We understand that this Bid Securing Declaration shall cease to be valid on the following circumstances:
  - a. Upon expiration of the bid validity period, or any extension thereof pursuant to your request;
  - b. I am/we are declared ineligible or post-disqualified upon receipt of your notice to such effect, and (i) I/we failed to timely file a request for reconsideration or (ii) I/we filed a waiver to avail of said right; and
  - c. I am/we are declared the bidder with the Lowest Calculated Responsive Bid, and I/we have furnished the performance security and signed the Contract.

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

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

*[Insert signatory's legal capacity]*

*Affiant*

**[Jurat]**

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

**Download from: <https://www.gppb.gov.ph/downloadables.php>**

**Price Schedule for Goods Offered from Abroad**

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

**For Goods Offered from Abroad**

Name of Bidder \_\_\_\_\_ Project ID No. \_\_\_\_\_ Page \_\_\_ of \_\_\_

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

Name: \_\_\_\_\_

Legal Capacity: \_\_\_\_\_

Signature: \_\_\_\_\_

Duly authorized to sign the Bid for and behalf of: \_\_\_\_\_

**Price Schedule for Goods Offered from Within the Philippines**

*[shall be submitted with the Bid if bidder is offering goods from within the Philippines]*

**For Goods Offered from Within the Philippines**

Name of Bidder \_\_\_\_\_ Project ID No. \_\_\_\_\_ Page \_\_\_ of \_\_\_

1	2	3	4	5	6	7	8	9	10
Item	Description	Country of origin	Quantity	Unit price EXW per item	Transportation and all other costs incidental to delivery, per item	Sales and other taxes payable if Contract is awarded, per item	Cost of Incidental Services, if applicable, per item	Total Price, per unit (col 5+6+7+8)	Total Price delivered Final Destination (col 9) x (col 4)

Name: \_\_\_\_\_

Legal Capacity: \_\_\_\_\_

Signature: \_\_\_\_\_

Duly authorized to sign the Bid for and behalf of: \_\_\_\_\_

## Contract Agreement Form for the Procurement of Goods (Revised)

*[Not required to be submitted with the Bid, but it shall be submitted within ten (10) days after receiving the Notice of Award]*

### CONTRACT AGREEMENT

THIS AGREEMENT made the \_\_\_\_ day of \_\_\_\_\_ 20\_\_\_\_ between [name of PROCURING ENTITY] of the Philippines (hereinafter called "the Entity") of the one part and [name of Supplier] of [city and country of Supplier] (hereinafter called "the Supplier") of the other part;

WHEREAS, the Entity invited Bids for certain goods and ancillary services, particularly [brief description of goods and services] and has accepted a Bid by the Supplier for the supply of those goods and services in the sum of *[contract price in words and figures in specified currency]* (hereinafter called "the Contract Price").

#### NOW THIS AGREEMENT WITNESSETH AS FOLLOWS:

1. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract referred to.
2. The following documents as required by the 2016 revised Implementing Rules and Regulations of Republic Act No. 9184 shall be deemed to form and be read and construed as integral part of this Agreement, viz.:
  - i. Philippine Bidding Documents (PBDs);
    - i. Schedule of Requirements;
    - ii. Technical Specifications;
    - iii. General and Special Conditions of Contract; and
    - iv. Supplemental or Bid Bulletins, if any
  - ii. Winning bidder's bid, including the Eligibility requirements, Technical and Financial Proposals, and all other documents or statements submitted;  
  
Bid form, including all the documents/statements contained in the Bidder's bidding envelopes, as annexes, and all other documents submitted (e.g., Bidder's response to request for clarifications on the bid), including corrections to the bid, if any, resulting from the Procuring Entity's bid evaluation;
  - iii. Performance Security;
  - iv. Notice of Award of Contract; and the Bidder's conforme thereto; and
  - v. Other contract documents that may be required by existing laws and/or the Procuring Entity concerned in the PBDs. Winning bidder agrees that additional contract documents or information prescribed by the GPPB that are subsequently required for submission after the contract execution, such as the Notice to Proceed, Variation Orders, and Warranty Security, shall likewise form part of the Contract.
3. In consideration for the sum of *[total contract price in words and figures]* or such other sums as may be ascertained, *[Named of the bidder]* agrees to *[state the object of the contract]* in accordance with his/her/its Bid.

4. The *[Name of the procuring entity]* agrees to pay the above-mentioned sum in accordance with the terms of the Bidding.

IN WITNESS whereof the parties hereto have caused this Agreement to be executed in accordance with the laws of the Republic of the Philippines on the day and year first above written.

*[Insert Name and Signature]*

*[Insert Name and Signature]*

*[Insert Signatory's Legal Capacity]*

*[Insert Signatory's Legal Capacity]*

for:

for:

*[Insert Procuring Entity]*

*[Insert Name of Supplier]*

**Acknowledgment**

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

## Omnibus Sworn Statement (Revised)

*[shall be submitted with the Bid]*

REPUBLIC OF THE PHILIPPINES )  
CITY/MUNICIPALITY OF \_\_\_\_\_ ) S.S.

### AFFIDAVIT

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

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

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

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

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

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

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

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

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

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

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

*[If a sole proprietorship:]* The owner or sole proprietor is not related to the Head of the Procuring Entity, members of the Bids and Awards Committee (BAC), the Technical

Working Group, and the BAC Secretariat, the head of the Project Management Office or the end-user unit, and the project consultants by consanguinity or affinity up to the third civil degree;

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

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

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

IN WITNESS WHEREOF, I have hereunto set my hand this \_\_\_ day of \_\_\_, 20\_\_\_ at \_\_\_\_\_, Philippines.

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

*[Insert signatory's legal capacity]*  
Affiant

***[Jurat]***

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

## Performance Securing Declaration (Revised)

*[if used as an alternative performance security but it is not required to be submitted with the Bid, as it shall be submitted within ten (10) days after receiving the Notice of Award]*

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REPUBLIC OF THE PHILIPPINES)  
CITY OF \_\_\_\_\_ ) S.S.

### PERFORMANCE SECURING DECLARATION

Invitation to Bid: [Insert Reference Number indicated in the Bidding Documents]

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

I/We, the undersigned, declare that:

1. I/We understand that, according to your conditions, to guarantee the faithful performance by the supplier/distributor/manufacturer/contractor/consultant of its obligations under the Contract, I/we shall submit a Performance Securing Declaration within a maximum period of ten (10) calendar days from the receipt of the Notice of Award prior to the signing of the Contract.
2. I/We accept that: I/we will be automatically disqualified from bidding for any procurement contract with any procuring entity for a period of one (1) year for the first offense, or two (2) years **for the second offense**, upon receipt of your Blacklisting Order if I/We have violated my/our obligations under the Contract;
3. I/We understand that this Performance Securing Declaration shall cease to be valid upon:
  - a. issuance by the Procuring Entity of the Certificate of Final Acceptance, subject to the following conditions:
    - i. Procuring Entity has no claims filed against the contract awardee;
    - ii. It has no claims for labor and materials filed against the contractor; and
    - iii. Other terms of the contract; or
  - b. replacement by the winning bidder of the submitted PSD with a performance security in any of the prescribed forms under Section 39.2 of the 2016 revised IRR of RA No. 9184 as required by the end-user.

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

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

*[Insert signatory's legal capacity]*

Affiant

***[Jurat]***

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







**SAMPLE FORMS**

**Statement of all Ongoing Government & Private Contracts Including Contracts Awarded but not yet Started**

**Business Name:** \_\_\_\_\_

**Business Address:** \_\_\_\_\_

Name of Contract/ Project Cost	a. Owner's Name b. Address c. Telephone Nos.	Nature of Work	Bidders Role		a. Date Awarded b. Date Started c. Date of Completion	% of Accomplishment		Value of Outstanding Works / Undelivered Portion
			Description	%		Planned	Actual	
<u>Government</u>								
<u>Private</u>								
<b>Total Cost</b>								

**Submitted by:** \_\_\_\_\_  
(Printed Name and Signature)

**Designation:** \_\_\_\_\_

**Date:** \_\_\_\_\_

### Statement of Completed Similar Contracts

**Business Name:**  
**Business Address:**

Name of Contract/ Project Cost	a. Owner's Name b. Address c. Telephone Nos.	Nature of Work	Bidders Role		a. Date Awarded b. Date Started c. Date of Completion	Value of Works
			Description	%		
Note: The following documents shall be presented for verification of the above statement during Post-Qualification:					<b>Total</b>	

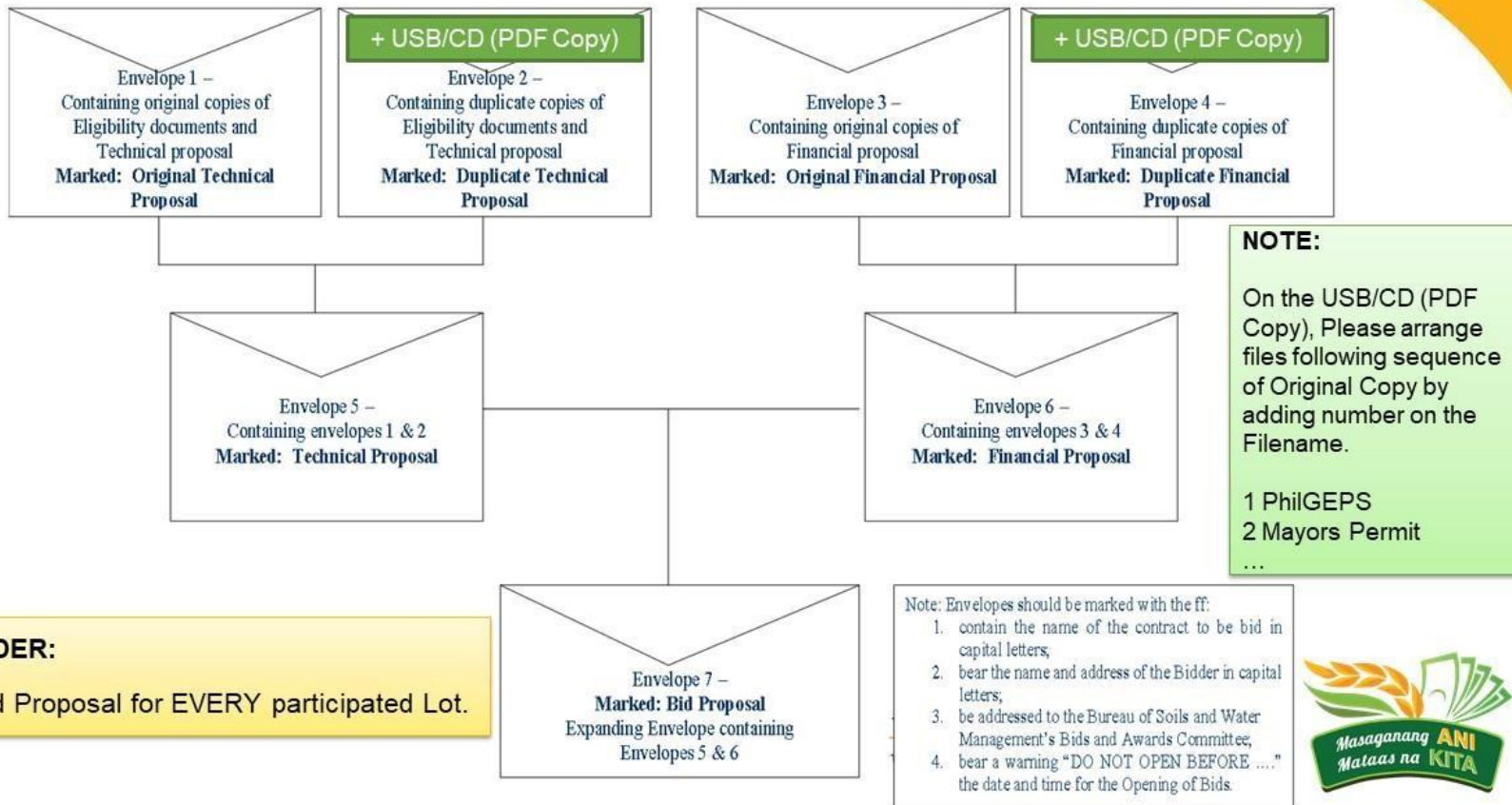
- 1 Notice of Award OR Notice to Proceed issued by the End user OR its equivalent;
- 2 Copy of actual contract OR its equivalent; and
- 3 Certificate of Completion OR End-user's Acceptance OR Proof of payment

Submitted by: \_\_\_\_\_  
(Printed Name and Signature)

Designation: \_\_\_\_\_

Date: \_\_\_\_\_

# Sealing and Marking of Bid:











1	2	3	4	5	6	7	8	9	10
Item	Description	Country of origin	Quantity	Unit price exw per item	Transportation and all other costs incidental to delivery, per item	Sales and other taxes payable if Contract is awarded, per item	Cost of Incidental Services, if applicable, per item	Total Price, per unit	Total Price delivered Final Destination
								(col 5+6+7+8)	(col 9) x (col 4)
	Batch 11								
	Batch 12								
	Batch 13								
	Batch 14								
	Batch 15								

**Note: For computation purposes, reflect Column Six (Transportation Expenses) on Biomass Shredding Machine only.**

Name: \_\_\_\_\_

Legal Capacity: \_\_\_\_\_

Signature: \_\_\_\_\_

Duly authorized to sign the Bid for and behalf of: \_\_\_\_\_