



TECHNICAL SPECIFICATIONS

SUPPLY AND DELIVERY OF HIGH-END LAPTOP

ABC: **PhP 6,372,548.40**

A. RATIONALE

The BAFE has developed the Agricultural and Biosystems Engineering Management Information System (ABEMIS) as its technological tool to attain reliable and credible agri-fishery information down to the ground level. Agricultural Biosystem Engineering Management information system (MIS) is a computer system consisting of hardware and software that serves as the backbone of an organization's operations. An MIS gathers data from multiple online systems, analyzes the information, and reports data to aid in management problem-solving, decision-making, and tracking progress. It also studies how such systems work.

In order to fully utilize the continuous usage of the ABEMIS as a scientific tool and centralized repository database for all agricultural and fisheries engineering-related infrastructure and machinery. The BAFE would like to purchase a high-end laptop in order to capacitate and uplift the technology and devices used by the RAED engineering staff. This High-end laptop will be used in the digitization of maps, encoding of reliable data to the ABEMIS, and continuous update of the inventory of all Machinery and Infrastructure related to agricultural and fishery sectors.

HIGH-END LAPTOP : This laptop will be used in the following engineering works of staff of all Regional Agricultural Engineering Division under the Department of Agriculture – Regional Field Offices.

- **MAPS DIGITALIZATION AND CONSOLIDATION**
- **CONTINUOUS UPDATES ON AGRI-FISHERY INFRASTRUCTURE, FMR, AND MACHINERY**
- **FORMULATION OF RELIABLE DATA, INFORMATION, AND REPORT FOR DECISION-MAKING AND STRATEGIC PLANNING**
- **VISUALIZATION AND ANALYSIS GENERATION FOR AGRI-FISHERY SECTOR ENGINEERING ASPECT**

B. SCOPE OF WORK

No.	Description of Requirements
1	To cover the supply and delivery of High-End Laptop.
2	To provide necessary technical support services and do necessary configuration during the delivery/deployment period.
3	To secure requested brand-new pieces of equipment with service and hardware warranty for at least one (1) year :
4	To deliver, install/configure, and test the High-End Laptops at BAFE located in SRA Compound, North Ave., Diliman, Quezon City.



C. TECHNICAL DESCRIPTION AND COMPLIANCE

ITEM DESCRIPTION	Technical Compliance
at least 15.6 Inches Display with IPS (In-Plane Switching) technology in Full High Definition with 1920 x1080 resolution	
with a base frequency of at least 2.9Ghz, 11th Generation, or latest model	
with at least 16GB RAM expandable up to 32GB or more	
at least 512GB PCIe NVMe SSD slot, and 512GB hard disk drive for storage	
at least GPU: at least 6 Gigabytes -GDDR6 Graphics or higher	
at least has Built-in Audio stereo speakers, microphone, and webcam 720p (1280 x 720 resolution)	
Connectivity: LAN: Gigabit Ethernet 10/100/1000, WLAN: 802.11a/b/g/n/ac/ax	
Bundled Software: Latest Windows Professional Operating System (64-bit) licensed, at least 1-year Antivirus subscription, Office Productivity Software (Perpetual), and PDF editor (Perpetual)	
Included Accessories: Laptop Bag, Wireless mouse, Keyboard, and Mouse Pad	
Warranty and On-site Support: at least 1 year	

D. ESTIMATED COST			
Description	Quantity	Unit Cost (PhP)	Total Cost (PhP)
SUPPLY AND DELIVERY OF HIGH-END LAPTOP	43	148,198.80	6,372,548.40
Grand Total			6,372,548.40

E. INSPECTION AND TESTS PROCEDURE

- Inspector and/or Supply Officer can reject any unit or part thereof that fails to pass any test and/or inspection or does not conform to specifications.
- Inspector and/or Supply Officer will issue an Inspection and Acceptance Report (IAR) upon determining that the delivered High-End Laptop is usable and in good working condition.

F. APPROVED BUDGET FOR THE CONTRACT (ABC)

The ABC for the Supply and Delivery of High-End Laptop is **Six Million Three Hundred Seventy-Two Thousand Five Hundred Forty-Eight Pesos and Forty Centavos Only (PhP 6,372,548.40)** inclusive of all applicable government taxes and charges, professional fees, and other costs.



G. PRODUCTION AND/OR DELIVERY SCHEDULE

Goods and services shall be delivered **within Sixty (60) Calendar Days** from the receipt of the Notice to Proceed (NTP), must be on Monday to Friday only, and shall be delivered in Sugar Center, Annex II Building Extension, North Avenue, Diliman, Quezon City.

H. ADDITIONAL MANDATORY REQUIREMENTS:

To ensure the quality of the products offered and assurance of immediate and competent after-sales technical support the prospective bidder must submit the following:

- a. Manufacturer (Principal) certification stating that the bidder is an authorized distributor/partner/reseller of the products.
- b. Prospective bidder to submit proof of at least **one (1)** similar project implementation for the years 2018-2022 on ICT equipment (i.e. Laptop).

Note: The bidder shall submit either of these documents: A copy of the Contract, PO, or Certificate of Acceptance as proof of similar project implementation

I. WINNING BIDDER ADDITIONAL REQUIREMENTS

Below are the additional requirements that must be complied with during the project implementation and before the project acceptance:

- a) Oversee all phases of the entire project to complete implementation and shall always be ready for service **within Sixty (60) Calendar Days** from the receipt/conformance of the Notice to Proceed (NTP)

J. AFTER-SALES SERVICE OR PARTS

A. ORIENTATION/TRAINING REQUIREMENTS

The Winning Bidder shall provide **at least one (1)** day of online/in-person training/technical updates on all items and they must provide knowledge transfer or necessary training for the configuration, and maintenance.

B. WARRANTY REQUIREMENTS

To secure requested brand-new pieces of ICT equipment with service and hardware warranty for **at least one (1) year** warranty and technical support for High-End laptops. Winning Bidder must be available for 8x5 technical support for the duration of the warranty/contract with an available 24x7, thru email, phone, or remote, 8x5NBD onsite support, and immediate supply of the service unit just in case the device is unrecoverable.

K. PAYMENT TERMS AND CONDITIONS

One-time payment shall be made upon completion of the supply and delivery of the High-End Laptop subject to submission of the following documents:

- a. Certificate of Warranty for all equipment;
- b. Certificate of Replacement for defective items/parts; and
- c. Sales Invoice/Delivery Receipt.



L. MODE OF PROCUREMENT / AWARDING

The supply and delivery of High-End laptop will be procured through Public Bidding. The awarding of this project shall be done by **LOT**.

Prepared by:

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Permanent Procurement Coordinator, PKMDD

CONFORME:

[Signature of Authorized Representative]

[In the capacity of (Please indicate position of Authorized Representative)]

Duly authorized to sign Bid for and on behalf of -----
[Please indicate the name of company]