



TECHNICAL SPECIFICATIONS

SUPPLY, DELIVERY, TESTING AND/OR CONFIGURATION OF SEMI-EXPENDABLE ICT EQUIPMENT UNDER THE DIGITAL AGRICULTURE PROJECT (SUB-PROJECT: ENHANCED FARM-TO-MARKET ROAD (FMR) AND AGRI-COMMODITY GEODATABASE)

A. RATIONALE

The Bureau of Agricultural and Fisheries Engineering (BAFE) has developed the Agricultural and Biosystems Engineering Management Information System (ABEMIS) and the Geographic Information System for Agricultural and Fisheries Machinery and Infrastructure (GEOAGRI) as the visualization platform of the ABEMIS, which are a technological tool in attaining reliable and credible agri-fishery information from the national down to the local government level.

With the increasing level of data build-up of the ABEMIS and GEOAGRI, there is a need to ensure accurate photo documentation and geotagged photos of various mechanization and infrastructure projects implemented by the Department through the Regional Agricultural Engineering Division.

Geotagging devices enhance the value and usability of digital media by adding location information. This additional layer of data enables a wide range of applications, from personal use to scientific research and societal benefit. Geotagging contributes to creating detailed maps and spatial databases. Geotagged data can be used in Geographic Information Systems (GIS) for various purposes, such as urban planning, environmental monitoring, and disaster response.

B. SCOPE OF WORK

The winning bidder shall have the following scope of work:

- 1) cover the supply and delivery of all Semi-Expendable ICT equipment procured as listed in Table 1;
- 2) provide necessary technical support services and do necessary configuration during the delivery/deployment period;
- 3) secure requested brand-new ICT equipment with device service and warranty for at least one (1) year; and
- 4) deliver, install/configure, and test the Semi-Expendable ICT Equipment at the BAFE Office located in Sugar Center Compound, North Avenue, Diliman, Quezon City.



C. APPROVED BUDGET FOR THE CONTRACT (ABC)

The ABC for the **SUPPLY, DELIVERY, TESTING AND/OR CONFIGURATION OF SEMI-EXPENDABLE ICT EQUIPMENT UNDER THE DIGITAL AGRICULTURE PROJECT (SUB-PROJECT: ENHANCED FARM-TO-MARKET ROAD (FMR) AND AGRI-COMMODITY GEODATABASE)** is **Five Hundred Thousand Pesos Only (PhP 500,000.00)**.

The ABC is inclusive of all applicable government taxes and charges, professional fees, and other costs.

D. TECHNICAL SPECIFICATIONS

Table 1. Technical Specifications

PARTICULAR AND TECHNICAL SPECIFICATIONS	QUANTITY	UNIT COST (in PhP)	TOTAL AMOUNT (in PhP)
<p>1. GEOTAGGING DEVICE</p> <ul style="list-style-type: none"> ● Display <ul style="list-style-type: none"> ○ Size: At Least 10.9 inches ○ Resolution: At Least 1440 x 2304 pixels, 16:10 ratio (~249 ppi density) ○ Refresh Rate: At Least 85 Hz ● Processor <ul style="list-style-type: none"> ○ Chipset: Custom-designed octa-core SoC with high-performance CPU and GPU cores ● Memory: At least 5GB ● Storage: at least 120GB and Expandable Storage ● Cameras <ul style="list-style-type: none"> ○ Rear Camera: At least 8MP ○ Front Camera: At least 10MP Battery <ul style="list-style-type: none"> ○ Capacity: 7500mAh or higher 	16	31,250.00	500,000.00



PARTICULAR AND TECHNICAL SPECIFICATIONS	QUANTITY	UNIT COST (in PhP)	TOTAL AMOUNT (in PhP)
<ul style="list-style-type: none"> ○ Charging: Support for fast charging ● COMMS: <ul style="list-style-type: none"> ○ WLAN: Wi-Fi 802.11 a/b/g/n/ac/6, dual-band, Wi-Fi Direct ○ Bluetooth: 5.2, A2DP, LE ○ Positioning: GPS, GALILEO, GLONASS, BDS, QZSS ● COMPATIBILITY: <ul style="list-style-type: none"> ○ Must be compatible with the DA-Geotagging device 			
GRAND TOTAL			500,000.00

E. INSPECTION AND TESTS PROCEDURE

- a) The 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 the technical specifications.
- b) The Inspector and/or Supply Officer will issue an Inspection and Acceptance Report (IAR) upon determining that the delivered semi-expendable ICT equipment are usable and in good working condition.

F. PRODUCTION AND/OR DELIVERY SCHEDULE

Goods and services shall be delivered within thirty (30) Calendar Days from the receipt of the Notice to Proceed (NTP). The delivery date must fall within weekdays from Monday to Friday only and shall be delivered at BAFE Office, Sugar Center Compound, Annex II Building Extension, North Avenue, Diliman, Quezon City.

G. ADDITIONAL MANDATORY REQUIREMENTS:

To ensure the quality of the products offered and assurance for 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 or partner/ reseller of the products; and
- b. Proof of at least one (1) similar project implementation for the years CY 2018-2023 on ICT equipment and hardware.

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.

H. 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 Ninety (90) Calendar Days from the receipt/conformance of the Notice to Proceed (NTP).

I. AFTER-SALES SERVICE OR PARTS

A. Orientation/Training Requirements

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

B. Warranty Requirements

To secure requested brand-new ICT equipment with service and at least one (1) year warranty and technical support for all ICT equipment. Winning Bidder must be available for 8x5 technical support for the duration of the warranty/contract, thru email, phone, or remote, 8x5 Business Day onsite support, and immediate supply of the service unit just in case the device is unrecoverable.

J. PAYMENT TERMS AND CONDITIONS

One-time payment shall be made upon completion and acceptance of the Supply, Delivery, Testing and/or Configuration of Semi-Expendable Ict Equipment for the Data Center subject to submission of the following documents:

- a. Certificate of Warranty for all equipment; and
- b. Sales Invoice/Delivery Receipt.



K. MODE OF PROCUREMENT / AWARDING

The **SUPPLY, DELIVERY, TESTING AND/OR CONFIGURATION OF SEMI-EXPENDABLE ICT EQUIPMENT UNDER THE DIGITAL AGRICULTURE PROJECT (SUB-PROJECT: ENHANCED FARM-TO-MARKET ROAD (FMR) AND AGRI-COMMODITY GEODATABASE)** will be procured through Public/Competitive Bidding. The awarding of this project shall be done by LOT.

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