



Republic of the Philippines  
**BUREAU OF AGRICULTURAL AND FISHERIES ENGINEERING**  
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**BIDS AND AWARDS COMMITTEE**

Supplemental Bid Bulletin No. 1

**SUBJECT : IB 06-25 – SUPPLY, DELIVERY, AND/OR CONFIGURATION AND TESTING OF VARIOUS ICT SOFTWARE SUBSCRIPTION UNDER THE DIGITAL AGRICULTURE PROJECT (SUB-PROJECT: ENHANCED FARM-TO-MARKET ROAD AND AGRI-COMMODITY GEODATABASE)**

**DATE : MAY 6, 2025**

This Supplemental Bid No. 1 is being issued to clarify, amend, and supplement provisions in the **IB 06-25**.

**I. Clarification and Amendment of IB 06-25**

ITEM/ PROVISION IN THE TECHNICAL SPECIFICATIONS	FROM	TO
<b>SUPPLY, DELIVERY, INSTALLATION, AND CONFIGURATION/TESTING OF VARIOUS ICT SOFTWARE SUBSCRIPTION UNDER THE DIGITAL AGRICULTURE PROJECT (SUB-PROJECT: ENHANCED FARM-TO-MARKET ROAD (FMR) AND AGRI-COMMODITY GEODATABASE)</b>		
<b>D. TECHNICAL SPECIFICATIONS</b>	<ul style="list-style-type: none"> <li>● Must support bulk SMS messaging with predefined recipient lists, with:               <ul style="list-style-type: none"> <li>○ at least 40,000 SMS per month for one-way SMS broadcasting; and</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>● Must support bulk SMS messaging with predefined recipient lists, with:               <ul style="list-style-type: none"> <li>○ at least 40,000 SMS per month for one-way SMS broadcasting; and</li> </ul> </li> </ul>



- o at least 1,000 SMS per day for two-way SMS communication with the IP PBX system.
- Must support the custom Sender ID “BAFE”
- Must have IP PBX Software Design to support VoIP Communications and multiple devices, can manage, routing, and forwarding and recording of calls.
- Must have a Web-based Management Dashboard with:
  - o Analytics and Reporting Tools for tracking key metrics such as SMS delivery, location of sender and users interactions.
- Should include VoIP Phones with HD Voice capabilities for improved communication, with the following specifications:
  - o Display: 2.4-inch, 320x240 pixel color screen
  - o Audio Quality: Supports G.722 and Opus codecs; HD audio on both speakerphone and handset
  - o Conference Support: Supports 6-party local conference
  - o Headset Compatibility: Supports EHS wireless headset

- o at least 1,000 SMS per day for two-way SMS communication with the IP PBX system.
- Must support the custom Sender ID “BAFE”
- Must be able to receive, decode, and process GeoSMS messages and extract location data from them.
- Must have IP PBX Software Design to support VoIP Communications and multiple devices, can manage, routing, and forwarding and recording of calls.
- Must have a Web-based Management Dashboard with:
  - o Analytics and Reporting Tools for tracking key metrics such as SMS delivery, location of sender and users interactions.
- Should include VoIP Phones with HD Voice capabilities for improved communication, with the following specifications:
  - o Display: 2.4-inch, 320x240 pixel color screen
  - o Audio Quality: Supports G.722 and Opus codecs; HD audio on both speakerphone and handset



	<ul style="list-style-type: none"> <li>○ Connectivity: Dual 10/100 Mbps ports with integrated PoE</li> <li>○ Installation Options: Can be installed using a desktop stand or wall-mounted configuration.</li> <li>● Should include Network Switch to connect multiple devices within the organization, with <ul style="list-style-type: none"> <li>○ preferably 8 Port Gigabit unmanaged Switch,</li> <li>○ 8 Gigabit RJ45 Ports and,</li> <li>○ Plastic Case</li> </ul> </li> <li>● Should include SMS Gateway Device for SMS transmission capabilities, ensuring reliability and efficiency, with the following specification: <ul style="list-style-type: none"> <li>○ GSM channels: at least 2</li> <li>○ Frequency Bands: Quad-Band GSM/GPRS 850/900/1800/1900MHz; supports external antenna</li> <li>○ Protocol: SIP (Session Initiation Protocol)</li> <li>○ Transport: UDP (user Datagram Protocol)</li> <li>○ DTMF: RFC2833, SIP INFO, In-band</li> <li>○ Audio Codec: G.711A/u-law, G.726, G.729 A, GSM, Speex</li> <li>○ LAN: 1 (10/100Mbps)</li> <li>○ Network: DHCP Server, VLAN, Firewall</li> <li>○ Power Supply: AC 100~240V/50~60Hz (DC 12V, 1A)</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>○ Conference Support: Supports 6-party local conference</li> <li>○ Headset Compatibility: Supports EHS wireless headset</li> <li>○ Connectivity: Dual 10/100 Mbps ports with integrated PoE</li> <li>○ Installation Options: Can be installed using a desktop stand or wall-mounted configuration.</li> <li>● All call recordings generated during the operation of the system shall be: <ul style="list-style-type: none"> <li>○ Stored in the local server of BAFE,</li> <li>○ With no artificial cap on recording duration, limited only by the available disk space,</li> <li>○ Properly indexed and tagged with metadata such as date, time, and source number for easy retrieval and audit.</li> </ul> </li> <li>● Should include Network Switch to connect multiple devices within the organization, with <ul style="list-style-type: none"> <li>○ preferably 8 Port Gigabit unmanaged Switch,</li> <li>○ 8 Gigabit RJ45 Ports and,</li> <li>○ Plastic Case</li> </ul> </li> <li>● Should include SMS Gateway Device for SMS transmission capabilities, ensuring reliability and efficiency, with the following specification:</li> </ul>
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	<ul style="list-style-type: none"> <li>● All hardware inclusion must have at least 1-year warranty</li> </ul>	<ul style="list-style-type: none"> <li>○ GSM channels: at least 2</li> <li>○ Frequency Bands: Quad-Band GSM/GPRS 850/900/1800/1900MHz; supports external antenna</li> <li>○ Protocol: SIP (Session Initiation Protocol)</li> <li>○ Transport: UDP (user Datagram Protocol)</li> <li>○ DTMF: RFC2833, SIP INFO, In-band</li> <li>○ Audio Codec: G.711A/u-law, G.726, G.729 A, GSM, Speex</li> <li>○ LAN: 1 (10/100Mbps)</li> <li>○ Network: DHCP Server, VLAN, Firewall</li> <li>○ Power Supply: AC 100~240V/50~60Hz (DC 12V, 1A)</li> <li>● All hardware inclusion must have at least 1-year warranty</li> </ul>
<p><b>G. BIDDERS ADDITIONAL REQUIREMENTS</b></p>	<p>To ensure the quality of the products offered and assurance for immediate and competent after-sales technical support:</p> <ol style="list-style-type: none"> <li>1. The prospective bidder must submit the following: <ul style="list-style-type: none"> <li>○ A detailed company profile that includes history, background, and experience in providing Bulk messaging solution;</li> <li>○ A list of at least two (2) current and previous clients who utilize the proposed Bulk Messaging System. This should include contact information for referral and verification purposes.</li> </ul> </li> </ol>	<p>To ensure the quality of the products offered and assurance for immediate and competent after-sales technical support:</p> <ol style="list-style-type: none"> <li>2. The prospective bidder must submit the following: <ul style="list-style-type: none"> <li>○ A detailed company profile that includes history, background, and experience in providing Bulk messaging solution;</li> <li>○ A list of at least two (2) current and previous clients who utilize the proposed Bulk Messaging System. This should include contact information for referral and verification purposes.</li> </ul> </li> </ol>



	<ul style="list-style-type: none"> <li>o Provides Service Level Agreement (SLA) as evidence of their capability to deliver 24x7 technical assistance.</li> </ul>	<ul style="list-style-type: none"> <li>o Provides Service Level Agreement (SLA) as evidence of their capability to deliver 24x7 technical assistance.</li> <li>o Provides a fully functional and well-documented Short Message Service (SMS) Application Programming Interface (API) to enable seamless integration with the existing system of the Bureau of Agriculture and Fisheries Engineering (BAFE).</li> </ul>
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**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]*

*(ORIGINAL SIGNED)*  
**ENGR. JANICE P. VARGAS**  
 Chairperson, Bids and Awards Committee (BAC)

AJB  
 Procurement