



Republic of the Philippines
OFFICE OF THE SECRETARY
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MEMORANDUM ORDER

No. 33
Series of 2024

SUBJECT : ADDENDUM ON THE MEMORANDUM ORDER 08 - 2024 DATED FEBRUARY 05, 2024 RE: IMPLEMENTING GUIDELINES ON THE PROVISION OF AGRICULTURAL INPUT SUPPORT PURSUANT TO SECTION 9.d OF THE FY 2024 GENERAL APPROPRIATIONS ACT

This refers to the scope and modalities of the **Memorandum Order No. 08 s 2024 "Implementing Guidelines on the Provision of Agricultural Input Support Pursuant to Section 9.d of the FY 2024 General Appropriations Act"** to include the precision of agricultural drone assistance to eligible farmer-beneficiaries through procurement mode to wit;

2. SCOPE AND MODALITIES

This Memorandum Order shall cover the implementation of FY 2024 GAA funds, specifically the allocation for hybrid rice seeds, organic fertilizers, biological fertilizers, and agricultural drones service provider.

2.3.5. Drone Services Assistance

The following package of support may be availed by the eligible farmer-beneficiaries:

2.3.5.1 Mapping (Pre-flight)

This package includes aerial mapping to assess land topography, soil composition, and crop health. The drone flies in a grid pattern from a specified base, using onboard cameras, sensors, and GPS for accurate, real-time data transmission to ground stations. This service is included by default in all packages for eligible farmer-beneficiaries

2.3.5.2 Direct Seeding

This package covers the seed spreading to be conducted by the **Agricultural Drone Service provider** to eligible beneficiaries, providing their preferred seeds in-kind (hybrid or inbred) to the ADSP. Its route implements waypoints generated from mapping data, covering the entire agricultural rice area. This process dispenses seeds at predetermined intervals using the onboard seed spreader mechanism, with the dispersal rate adjusted based on soil conditions and crop requirements to ensure even coverage, thus maximizing germination and yield potential.



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2.3.5.3 Crop Care Management

This package applies fertilizers precisely to enhance soil fertility, following way points from the mapping phase and using precision spraying technology. It adjusts application rates based on soil and crop needs, and monitors wind to prevent drift. Additionally, it detects and mitigates pest infestations and diseases, prioritizing susceptible areas. Onboard sensors and imaging technology identify early signs of damage, enabling targeted pesticide or fungicide application and proactive management strategies through data analysis.

2.3.5.4. Weed Management

This covers the spraying of herbicides preferred by the eligible farmer-beneficiaries.

2.3.5.5. Nutrient Management

This covers the spraying/application of inorganic fertilizers, organic fertilizers, biofertilizers, and soil ameliorants preferred by the eligible farmer-beneficiaries.

2.3.5.6. Pest and Disease Management

Only when it is applicable, the eligible farmer-beneficiary shall select their preferred insecticide/fungicide/ bactericide/ pesticide for spraying in the affected areas.

In view hereof, all provisions stipulated in Memorandum Order No. 08 - 2024 dated February 5, 2023, shall remain effective and unless inconsistent with this Order.

Done this 7th day of August, 2024.

FRANCISCO P. TIU LAUREL, Jr.
Secretary

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