



Masaganang Agrikultura,  
Maunlad na Ekonomiya

Republic of the Philippines  
**OFFICE OF THE SECRETARY**  
Elliptical Road, Diliman 1100 Quezon City  
+63(2) 8928-8741 to 64 and +63(2) 8273-2474

## SPECIAL ORDER

No. 980  
Series of 2024

**SUBJECT : CREATION OF THE PROJECT ADVISORY COMMITTEE (PAC), AND PROJECT MANAGEMENT TEAM (PMT) FOR THE "DRONES4RICE PROJECT: DEVELOPMENT OF STANDARD DRONE APPLICATION PROTOCOLS FOR RICE PRODUCTION SYSTEMS IN THE PHILIPPINES"**

In the interest of service and to efficiently implement all the activities towards attaining the goals, objectives, and expected outputs of the Drones4Rice R4D Project, the Project Advisory Committee (PAC) and Project Management Team (PMT) are hereby created.

### **A. Project Advisory Committee (PAC)**

**Chairperson:** Undersecretary for Rice Industry Development

**Vice-Chairperson:** Director, National Rice Program (NRP)

**Members:** Assistant Secretary for Policy and Regulations  
Director, Field Operations Service (FOS)  
Director, DA-Agricultural Training Institute (ATI)  
Director, DA-Bureau of Agricultural and Fisheries Engineering (BAFE)  
Director, DA-Bureau of Agriculture and Fisheries Standards (BAFS)  
Director, DA-Bureau of Agricultural Research (BAR)  
Director, DA-Bureau of Plant Industry (BPI)  
Executive Director, DA- Fertilizer and Pesticide Authority  
Executive Director, DA-Philippine Rice Research Institute (PhilRice)  
Research Coordinator for the Philippines, International Rice Research Institute (IRRI)

### **ROLES AND RESPONSIBILITIES**

The committee is tasked to primarily provide guidance on policy and implementation of the Drones4Rice Project. Specifically, the PAC shall:

1. Provide policy directions and guidance during project implementation and assess project performance;

2. Provide advice on the integration of drone technology with the national rice program;
3. Provide recommendations in support to the development of policies on the use of drones to improve smart and precision agriculture; and
4. Meet annually to review the project's implementation and address the issues and concerns for the smooth implementation of the project.

**B. Project Management Team (PMT)**

<b>PERMANENT REPRESENTATIVE</b>	<b>ALTERNATE REPRESENTATIVE</b>
<b>PMT LEADERS</b>	
<b><u>Department of Agriculture</u></b>	
<b>Office of the Undersecretary for Rice Industry Development</b>	
Mr. Glenn D. Estrada Director, Digitalization and Value Chain Development	Ms. Diana Rose F. Gaspar Senior Science Research Specialist  Ms. Aira Marie S. Nuevo Project Development Officer III
<b>Philippine Rice Research Institute</b>	
Dr. Eduardo Jimmy P. Quilang Deputy Executive Director, Research  Dr. Jasper G. Tallada Supervising Science Research Specialist	Mr. Dindo King M. Donayre Senior Science Research Specialist/ Scientist I
<b>DA Regional Field Office II</b>	
Engr. Eddie T. Rodriguez Senior Science Research Specialist	Engr. Bon Jovi A. Madayag Science Research Specialist II
<b>DA Regional Field Office IV-A</b>	
Dr. Alexandra Q. Jamoralin Senior Science Research Specialist	Mr. James Cyprus L. Rodil Science Research Specialist II  Mr. Glenn N. Tabasa Science Research Assistant



<p><b>DA Regional Field Office V</b></p> <p>Engr. John Leonard B. Andaya Engineer I</p>	<p>Mr. Lorenzo L. Alvina Division Chief, Integrated Laboratory Division /Caretaker, Office of the RTDRR</p> <p>Mr. Earl Vincent P. Vegas OIC Chief, Field Operations Division/ Rice Program Regional Coordinator</p>
<p><b><u>International Rice Research Institute</u></b></p>	
<p>Engr. Stephen P. Klassen Senior Scientist I</p>	<p>Engr. Joseph M. Sandro Associate Scientist, Agricultural Engineering</p>
<p>Ms. Rowena L. Castillo Manager, Project Devt &amp; Deployment Work Package 1</p>	<p>Ms. Airene Claire M. Baradas Assistant Scientist, Crop and Nutrient Management</p>
<p>Dr. Nancy P. Castilla Senior Associate Scientist Work Package 2</p>	<p>Mr. Raphael Gabriel F. Carvajal Researcher</p>
<p>Mr. Benedict B. Jardinero Manager, Digital Agriculture Work Package 3</p>	<p>Ms. Elizabeth G. Alcachupas Officer, Monitoring and Evaluation</p>
<p><b>MEMBERS</b></p>	
<p><b>Agricultural Training Institute</b></p>	
<p>Mr. Joeven C. Calasagsag OIC-Chief, Information Services Division</p>	<p>Mr. Emerson R. Deñado Agriculturist II</p> <p>Mr. Jayvee P. Masilang Media Production Specialist II</p>
<p><b>Bureau of Agricultural Research</b></p>	
<p>Mr. Raymond Patrick L. Cabrera Chief Agriculturist</p>	<p>Mr. Alvin L. Fontanil Senior Agriculturist</p> <p>Ms. Julie Ann L. Dulay Project Evaluation Officer II</p>
<p><b>Fertilizer and Pesticide Authority</b></p>	
<p>Ms. Maribel M. Querijero Deputy Executive Director, Pesticide</p>	<p>Ms. Kriz Anne Joi L. Minguez Chemist IV</p> <p>Ms. Rowena C. Reyes Chief Agriculturist</p>

<b>PROJECT COORDINATORS</b>	
<b>Philippine Rice Research Institute</b>	
Engr. Rachelle Marie S. Martin Science Research Specialist I	
<b>International Rice Research Institute</b>	
Ms. Esther D. Velasquez ( <i>Based in DA</i> ) Assistant Manager, Project Coordination	
Mr. Rosendo G. Gutierrez Officer, Administrative Coordination	
<b>DATA MANAGERS</b>	
<b>Philippine Rice Research Institute</b>	
Dr. Jasper G. Tallada Supervising Science Research Specialist	Mr. Dindo King M. Donayre Scientist I
<b>DA Regional Field Office II</b>	
Engr. Bon Jovi A. Madayag Science Research Specialist II	Ms. Janine Q. Tumaliuan Science Research Specialist II
<b>DA Regional Field Office IV A</b>	
Mr. Glenn N. Tabasa Science Research Assistant	Mr. James Cyprus L. Rodil Science Research Specialist II
<b>DA Regional Field Office V</b>	
Mr. Kevin D. De Los Santos Research Assistant	Engr. John Leonard B. Andaya Engineer I
<b>International Rice Research Institute</b>	
Mr. Arnel B. Rala Senior Associate Scientist - Geoinformatics	Engr. Joseph M. Sandro Associate Scientist



## **ROLES AND RESPONSIBILITIES**

The Project Management Team (PMT) shall facilitate the direction setting, planning, monitoring and evaluation activities for the Drones4Rice project. Specifically, they shall:

1. Provide overall strategic management, guidance, and direction to the project implementation;
2. Provide comprehensive technical support throughout the implementation, operationalization, and sustainability phases of the project;
3. Take decisive actions on matters that require immediate attention and resolution;
4. Serve as the initial monitoring panel of the project performance and accomplishments;
5. Engage with key stakeholders and facilitate knowledge sharing to ensure the compatibility and integration of drone technology with existing programs of the government and cropping practices of farmers;
6. Engage with regulatory bodies and ensure that project activities are aligned with national and local regulations and guidelines related to the use of drones for precision agriculture;
7. Provide updates and reports to the Secretary of Agriculture, the Undersecretary for Operations, the PAC, key officials of the DA and IRRI, when needed; and
8. The PMT shall meet twice a year or as deemed necessary.

### **Project Coordinators**

1. Assist the PMT in the planning, implementation, and monitoring of the project activities in close coordination with concerned agencies and the DA-Regional Field Offices;
2. Lead the coordination and scheduling of project activities, and monitor project budget and expenditures;
3. Participate and provide administrative and technical support to Drones4Rice Project activities; and
4. Assist in the consolidation and facilitate submission of technical, financial and administrative reports.

## Data Managers

1. Assist in the formulation of techniques for quality data collection to ensure adequacy, accuracy, and legitimacy of data;
2. Assist in the design and implementation of efficient and secure procedures for data management and analysis;
3. Monitor submission of data and provide analytics;
4. Report and troubleshoot data-related problems;
5. Ensure data security and integrity; and
6. Support other team members in the daily use of data systems.

All expenses incurred in the implementation of the project shall be charged to the respective agencies subject to funds availability and the usual government accounting and auditing rules and regulations.

This Order shall take effect immediately and shall remain in force until the end of the Drones4Rice Project or revoked in writing. All orders, memoranda, and issuances inconsistent herewith are deemed revoked.

Done this 5<sup>th</sup> day of July, 2024.

  
**FRANCISCO P. TIU LAUREL, JR.**  
Secretary



DA-CO-OSEC-SO20240607-00425