

MEMORANDUM OF AGREEMENT

KNOW ALL MEN BY THESE PRESENTS:

This **MEMORANDUM OF AGREEMENT** is entered into and executed by and between:

The **DEPARTMENT OF SCIENCE AND TECHNOLOGY-MIMAROPA**, hereinafter referred to as **DOST-MIMAROPA** with principal office at 4/F DOST-PTRI Building, General Santos Avenue, Bicutan, Taguig City and represented in this Agreement by its Regional Director, **DR. MA. JOSEFINA P. ABILAY**;

-and-

The **Marinduque State College** hereinafter referred to as **MSC** with principal address at Tanza, Boac, Marinduque represented in this Agreement by its President, **DR. DIOSDADO P. ZULUETA**.

WITNESSETH THAT:

WHEREAS, **DOST-MIMAROPA** is primarily tasked to effectively respond to the social, economic, and ecological development challenges of the region through appropriate Science and Technology interventions and quality S & T Services to uplift the socio economic wellbeing of the Filipino people and ensure sustainability for future generations by extending innovation system for the implementation of the project of the proponent.

WHEREAS, **DOST-MIMAROPA** has identified the project "Automatic Flood Monitoring System for Boac River" as a project under the **DOST-MIMAROPA LOCAL GIA** and has provided funds therefore;

WHEREAS, **DOST-MIMAROPA** has identified **MSC** as the beneficiary of the project and has sought support and assistance from **DOST-MIMAROPA** to implement the same;

WHEREAS, **DOST-MIMAROPA** and **MSC** pledge to extend their full cooperation for the effective and efficient implementation of the aforesaid project;

NOW, THEREFORE, for and in consideration of the above premises, and of the mutual covenants and stipulations hereinafter set forth, the parties hereto agree to enter into this Memorandum of Agreement under the following terms and conditions:

1. **DOST MIMAROPA shall:**

- 1.1 Provide funds amounting to **TWO MILLION SEVEN HUNDRED TWENTY FIVE THOUSAND EIGHT HUNDRED FIFTY SIX PESOS (Php 2,725,856.00)**, for the implementation of the project as described in the Line-Item Budget of the proposal marked as **Annex A** which is made an integral part of this Agreement;
- 1.2 Transfer funds to **MSC** amounting to **TWO MILLION SIX HUNDRED SIXTY FIVE THOUSAND EIGHT HUNDRED FIFTY SIX PESOS (Php2,665,856.00)** for the acquisition of equipment and materials as stipulated in **ANNEX A** unless otherwise revoked with acknowledgment from all parties involved;

DR. MA. JOSEFINA P. ABILAY
Regional Director
DOST-MIMAROPA

XAVIER MAC DANIEL A. ORTIZ
Accountant III
DOST-MIMAROPA

BERNARDO F. CARINGAL
Provincial S&T Director
PSTO-Marinduque

DR. DIOSDADO P. ZULUETA
MSC President
Marinduque State College

FLORIZAP. BUENASEDA
Accountant III
Marinduque State College

EDGARDO R. LARIRIT
KTTO Director
Marinduque State College

- 1.3 Implement the above project in accordance with the attached Workplan in the proposal marked as **Annex B** and which is also attached and made an integral part of this Agreement;
- 1.4 Facilitate the pull out of all materials, tools and equipment procured out of project funds in the event that **MSC** fails to implement the project as stipulated in the project proposal made as **Annex C** hereof;
- 1.5 Monitor, evaluate and document project activities and identify alternative courses of action to address technical problems met, if any, during the implementation of the project.
- 1.6 Provide basic knowledge and skills in financial management such as records keeping, bookkeeping, costing, and cash flow;
2. **MSC** shall:
 - 2.1 Ensure that technologies received from **DOST-MIMAROPA** are used according to the provisions stipulated in this agreement unless otherwise revoked with acknowledgement from all parties involved;
 - 2.2 Implement project in accordance with the methodology stated in the proposal and seek permission/clearance from **DOST-MIMAROPA** regarding any major decision or action in the implementation of the project;
 - 2.3 Allow **DOST-MIMAROPA** Representatives access to the premises and facilities of the identified cooperators of **MSC** for activities relevant to the implementation of the project;
 - 2.4 Provide counterparts necessary for the effective implementation of this project as specified in the project proposal and attached LIB;
 - 2.5 Submit the following progress reports:
 - 2.5.1 Semi-annual progress reports marked as Annex D hereof not later than 15 days after the end of the semester
 - 2.5.2 Annual progress report marked as Annex E hereof together with the List of Equipment Purchased marked as Annex F hereof not later than 30 days after the end of the year
 - 2.6 Submit the completion report two months after the project duration or after the achievement of the objectives as stated in the proposal;
 - 2.6.1 It shall include a publishable or pre-print manuscript;
 - 2.6.2 It shall also include evidence of intellectual property (IP) protection filing, whenever applicable
 - 2.7 Allow **DOST-MIMAROPA** to monitor and collect necessary data/information when required;
 - 2.8 Allow **DOST-MIMAROPA** to place inventory tag stickers on the individual equipment acquired out of project funds.
 - 2.9 Be responsible and accountable for the maintenance and safekeeping of the tools and equipment assigned to the cooperators. Ownership of the equipment shall remain with **DOST-MIMAROPA** until after full ownership shall have been requested and transferred.

DR. MA. JOSEFINA P. ABILAY
Regional Director
DOST-MIMAROPA

XAVIER MAC DANIEL A. ORTIZ
Accountant III
DOST-MIMAROPA

BERNARDO T. CARINGAL
Provincial S&T Director
PSTO-Marinduque

DR. DIOSDADO P. ZULUETA
SUC President III
Marinduque State College

FLORIZA P. BUENASEDA
Accountant III
Marinduque State College

EDGARDO R. LARIRIT
KTO Director
Marinduque State College

2.10 Authorize/allow **DOST-MIMAROPA** to pull-out all the materials, tools and equipment and other assets procured out of projects funds in case of failure of project implementation or for any violation of the contract or agreement that may be entered into by **DOST-MIMAROPA** with the beneficiary.

2.11 Procure items on the LIB in accordance to the provisions of RA 9184; liquidate the funds received and submit an Audited Financial Report, including official receipts of expenditures and Property Acknowledgement Receipt (PAR) to **DOST-MIMAROPA** not later than six (6) months after the release of funds;

2.12 Put up at the project site a signboard (4 ft x 6 ft), two weeks after receipt of project funds following the recommended billboard format (Annex D);

2.13 Assist **DOST MIMAROPA** in baseline data gathering for the project and in final data gathering for assessment of project outcomes and impacts.

3. OTHER CONDITIONS

3.1 That this Agreement shall take effect upon signing hereof and shall remain in force for a period of one (1) year, unless otherwise extended or sooner terminated upon mutual consultation and written agreement of both parties;

3.2 That this Agreement shall not prohibit both parties to publish technical papers that may be derived from the above activities given their mandate of developing and promoting science and technology;

3.3 That any changes, modifications and alterations on the foregoing provisions of this agreement shall only be made upon mutual consultation and agreement of all parties concerned.

4. PUBLICATION

Any publication arising from this contract and other related activities undertaken shall identify **DOST-MIMAROPA** as the source of assistance.

5. EFFECTIVITY:

This Memorandum of Agreement shall take effect immediately upon signing of the parties hereto and shall remain in the force for the duration of the project unless sooner terminated by **DOST-MIMAROPA** for any, but not limited to the following:

- Failure of **MSC** to submit the required financial and progress reports within the prescribed period; and
- Any violation of the condition that, as determined by **DOST-MIMAROPA**, will prejudice the successful completion of the project.

DR. MA. JOSEFINA P. ABILAY
Regional Director
DOST-MIMAROPA

XAVIER MAC DANIEL A. ORTIZ
Accountant III
DOST-MIMAROPA

BERNARDO T. CARINGAL
Provincial S&T Director
PSTO-Marinidugue

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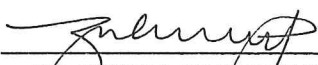
6. PROGRAM DURATION

The project shall be completed within a period of **3 YEARS**, from **June 2023** to **June 2026**. The project shall be implemented during the said period or immediately after the release of funds.

IN WITNESS WHEREOF, the parties hereto have signed this Memorandum of Agreement this ____ day of ____, 2023 at Bicutan, Taguig City.



DR. MA. JOSEFINA P. ABILAY
Regional Director
DOST-MIMAROPA



DR. DIOSDADO P. ZULUETA
SUC President III
Proponent

SIGNED IN THE PRESENCE OF:




BERNARDO T. CARINGAL
Provincial Director
DOST PSTO Marinduque




EDGARDO R. LARIRIT
KTTO Director
MSC/Project Leader

CERTIFIED FUNDS AVAILABLE:



XAVIER MAC DANIEL A. ORTIZ
DOST-MIMAROPA Accountant



FLORIZA P. BUENASEDA
MSC Accountant III

ACKNOWLEDGEMENT

REPUBLIC OF THE PHILIPPINES)

) S.S

JUN 29 2023

IN WITNESS WHEREOF, the parties hereto have signed this Memorandum of Agreement this ____ day of ____, 2023 at Bicutan, Taguig City

PASIG CITY

Before me, a Notary Public for and in the _____ this ____ day of _____ 2023, personally appeared

NAME	RES. CERT. NO/ Gov. ID	Place/Date Issued
DR. DIOSDADO P. ZULUETA	P4992479A	DFA Manila / Nov. 8, 2017
MA. JOSEFINA P. ABILAY	PO255592B	DFA Manila / January 15, 2019

All known to me be the same person who executed the foregoing instrument and they acknowledged to me that the same is their free and voluntary act and deed as well as the voluntary act of the institution agencies they represent.

This instrument consists of five (5) pages including this page wherein the acknowledgement is written, duly signed by the parties and their witnesses on each and every page hereof.

WITNESS MY HAND AND SEAL, on the date and the place first above written.

NOTARY PUBLIC

DOC No.: 78

Page No.: 17

Book No.: LXVIII

Series of 2023

Atty. Royen J. De Castro-Matira
Commission Serial No. NP 116(2022-2023)
Until December 31, 2023
PTR No. 3873342D Q.C. 01/04/23
Roll No. 40914
IBP No. 263483 Q.C. 01/03/23
18th Flr., UnionBank Plaza, Meralco Ave., cor.
Onyx & Sapphire Rds., Ortigas Ave., Pasig City
MCLE No. VII-0007934 01/05/22

DOST Form A

DEPARTMENT OF SCIENCE AND TECHNOLOGY

Project Line-Item Budget

CY 2023

Program Title : Grant-in-Aid
 Project Title : Automatic Flood Monitoring System for Boac River
 Implementing Agency : Marinduque State College
 Total Duration : 36 months
 Current Duration : 3 YEAR
 Cooperating Agency : DOST MIMAROPA / PSTO Marinduque
 Program Leader : Ma. Josefina P. Abilay
 Project Leader : Edgardo R. Larint
 Monitoring Agency : DOST-MIMAROPA

	Counterpart Funding		
	Implementing Agency	DOST- MIMAROPA	
		To be Transferred	To be Retained
I. Personal Services	P	P	
(Implementing Agency)			
Salaries		2,946,399.30	
Sub-total for PS	P	2,946,399.30	P
II. Maintenance and Other Operating Expenses			
Traveling Expenses - local		100,000.00	
Repairs and Maintenance (for Building Renovation)		100,000.00	
(Monitoring Agency)			
Traveling Expenses (Local)			40,000.00
Supplies and Materials Expenses			
Semi-Expendable Furniture, Fixtures and Books			20,000.00
Expenses - Furniture and Fixtures			
Sub-Total for MOOE	P	200,000.00	P 60,000.00
III. Equipment Outlay			
Technical and Scientific Equipment			
3 units (Fabricated Flood Monitoring System)		1,080,000.00	
Information and Communication Technology Equipment			
GATEWAYS & TRANSPONDERS INCLUDING DELIVERY, INSTALLATION & TRAINING			
3 units (Gateway)			
* Includes setup and configuration			
* Includes Annual Maintenance Fee of P33,000 per unit for 3 years		1,197,056.00	
3 units (Transponder)			
Includes integration with water level sensors			
* Includes setup and configuration			
* Data sending every 15 minutes			
* Includes THREE (3) year service subscription (P350/month x 36 months)			
TRANSPONDERS INCLUDING DELIVERY, INSTALLATION TRAINING			
5 units			
For messaging *		388,800.00	
* Includes WiFi module; with setup and configuration			
*With external antenna for stronger LoRaWAN connectivity			
Sub-Total for EO	P	2,665,856.00	P
TOTAL	P	3,146,399.30	P 60,000.00
GRAND TOTAL		P3,146,399.30	P2,725,856.00

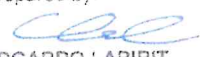
DOST Form A

DEPARTMENT OF SCIENCE AND TECHNOLOGY
Project Line-Item Budget
CY 2023

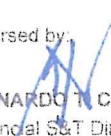
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Project Leader : Edgardo R. Larrit
Monitoring Agency : DOST-MIMAROPA

Counterpart Funding	
Implementing Agency	DOST- MIMAROPA
To be Transferred	To be Retained


Prepared by:



EDGARDO LARIT
KTTO Director
Marinduque State College

Endorsed by:



BERNARDO T. CARINGAL
Provincial S&T Director
PSTO Marinduque

Certified Funds Available:


JOMMEL LEAL
Budget Officer
Marinduque State College


XAVIER MAC DANIEL A. ORTIZ
Accountant III
DOST-MIMAROPA

Approved by:


DR. MA. JOSEFINA P. ABILAY
Regional Director
DOST-MIMAROPA