

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 **Romblon State University**, hereinafter referred to as **RSU** with principal address at Brgy. Liwanag, Odiongan, Romblon represented in this Agreement by its President, **DR. MERIAN C. MANI**.

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 "**Establishment of Laboratory-scale Research Facility for Characterization of Ground Calcium Carbonates (GCCs) from Romblon Marble Wastes for Possible Commercialization and Industrial Use**" as a project under the **DOST-MIMAROPA LOCAL GIA** and has provided funds therefore;


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

WHEREAS, **DOST-MIMAROPA** and **RSU** 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 Five Hundred Twenty-Eight Thousand Three Hundred Pesos (Php2,528,300.00)**, 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 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;



1.3 Facilitate the pull out of all materials, tools and /equipment procured out of project funds in the event that **RSU** fails to implement the project as stipulated in the project proposal made as **Annex C** hereof;

1.4 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.

2. **RSU** 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 **RSU** 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.

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.

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- 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 **RSU** 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.

6. PROGRAM DURATION

The project shall be completed within a period of **1 year**, from **February 2022** to **January 2023**. 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 ____, 2022 at Bicutan, Taguig City.

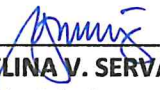


Dr. MA. JOSEFINA P. ABILAY
Regional Director
DOST-MIMAROPA




DR. MERIAN C. MANI
President
Romblon State University

SIGNED IN THE PRESENCE OF:




MARCELINA V. SERVAÑEZ
Provincial Director
DOST PSTC Romblon




DR. ALFREDO F. FORTU JR.
Dean
Romblon State University-
College of Engineering and Technology

CERTIFIED FUNDS AVAILABLE:



JEFFREY D. VARELA
DOST-MIMAROPA Accountant



LOU V. FOJA
Head, Romblon State University Budget Office

ACKNOWLEDGEMENT
REPUBLIC OF THE PHILIPPINES)
TAGUIG CITY) S.S

IN WITNESS WHEREOF, the parties hereto have signed this Memorandum of Agreement this ____ day of ____, 2022 at Bicutan, Taguig City.

Before me, a Notary Public for and in the **TAGUIG CITY** this 14 day of FEB 2022 2022, personally appeared

NAME	RES. CERT. NO	Place/Date Issued
MA. JOSEFINA P. ABILAY		
DR. MERIAN C. MANI		

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.: 393
Page No.: 80
Book No.: II
Series of 2022

RACHEL GINAW. COPANUT-PANGWI
NOTARY PUBLIC UNTIL June 30, 2022 TAGUIG CITY
Not. Com. Acpt. No. 10(2020-2021)
2/F Pacura Bldg 427 M.L. Q. St., Lower Bicutan, Taguig City
PTR NO. A-5334323/1-4-2022, Taguig City
BFP O.R. No. 165746/10-14-2021, RSM
MCLE Comp. No. VI-00019686/3-1-2019
ROLL NO. 61627

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DOST Form A

DEPARTMENT OF SCIENCE AND TECHNOLOGY

Project Line-Item Budget

CY 2022

Program Title : Grants-In-Aid (GIA)
 Project Title : Establishment of Laboratory-scale Research Facility for Characterization of Ground Calcium Carbonates (GCCs) from Romblon Marble Wastes for Possible Commercialization and Industrial Use

Implementing Agency : DOST-MIMAROPA
 Total Duration : 1 year for project implementation / 2 years for monitoring of outcomes
 Current Duration : 1 year
 Cooperating Agency : RSU- Main Campus (CET)
 Program Leader : Dr. Ma. Josefina P. Abilay
 Project Leader : Dr. Alfredo F. Fortu Jr.
 Monitoring Agency : DOST-MIMAROPA PSTC-Romblon

		Counterpart Funding	
		DOST	RSU
I. Personal Services	P		P
<u>Direct Cost</u>			
Salaries			
Sub-total for PS	P	-	P -
II. Maintenance and Other Operating Expenses			
Traveling Expenses - local		60,000.00	20,000.00
Supplies and Materials			30,000.00
Office supplies		20,000.00	
Other Supplies and Materials Expenses		40,000.00	
Communication Expenses			
Telephone Expenses - Mobile		6,000.00	30,000.00
Other Professional Services (<i>PSTC's RT-PCR tests</i>)		30,000.00	40,000.00
Printing and Publication Expenses (<i>project tarp</i>)		250.00	
Representation Expenses		27,000.00	
Transportation and Delivery Expenses (<i>sending samples to one lab</i>)		20,000.00	20,000.00
Other Maintenance and Operating Expenses (<i>Application for IP protection</i>)			25,000.00
Testing fee		188,000.00	
Sub-Total for MOOE	P	391,250.00	P 140,000.00
III. Equipment Outlay			
1 unit Lab Ball Mill, Volume: 1L*4, Stainless Steel, Maximum Loading capacity of jar: No more than 2/3 of the jar volume(including the material and the balls), input size; 10 to 0.1 micron, rotational speed; revolution 335r/min, rotation 670r/min, way of speeding: inverter stepless speed regulation, speed precision is 0.2r/min, way of drive: gear drive, motor power:750w, 220v, 50Hz, way of working: work with 2 or 4 jars simultaneously, input size <10mm, output size:13-75 micron, maximum continuous working time: 72h		605,000.00	

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Handwritten signatures and initials are present at the bottom of the page, including a large signature on the left, a signature in the center, and a signature on the right.

DOST Form A

**DEPARTMENT OF SCIENCE AND TECHNOLOGY
Project Line-Item Budget
CY 2022**

Program Title : Grants-In-Aid (GIA)
 Project Title : Establishment of Laboratory-scale Research Facility for Characterization of Ground Calcium Carbonates (GCCs) from Romblon Marble Wastes for Possible Commercialization and Industrial Use
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 Project Leader : Dr. Alfredo F. Fortu Jr.
 Monitoring Agency : DOST-MIMAROPA PSTC-Romblon

Equipment Outlay

1,532,050.00

1 unit PARTICLE ANALYZER Detecting type: Photoelectric
 Measuring range: (10-1000) mg/m³ (customized)
 Display accuracy: $\pm 20\%$ Voltage Range: DC24V $\pm 10\%$
 Sampling: Diffusion Power consumption: $\leq 3W$ (DC24V)
 Output: 4~20mA (mA). GND(OP)and (COM, NO) output .H-alarm/L-alarm is adjustable Communication (optional): 4 wire ABUS 3 wire 4~20mA /RS485 (wire/wireless) /LoRa(wireless)
 Communication range: Range (wire) ≤ 1000 m(1.5mm²) wire Range(wireless) ≤ 3500 m Ex mark : Ex ib IIB T4 Gb/Ex ibD 21 T130°C IP rating: IP6X Enclosure material: Aluminum alloy. 304 Stainless steel. Tempered glass Cable entries: G3/4Internal screw thread Temperature-Humidity Range: -40°C~+70°C, $\leq 85\%$ RH Operating Pressure Range: 86kPa~106kPa
 Temperature measurement precision: $\pm 0.5^\circ C$ (-40°C-120°C)
 Humidity measurement precision: $\pm 3\%$ RH (0-100%RH)
 Temperature resolution: 0.1°C Humidity resolution: 0.1%RH
 Display type:2.5 inch LED.4 and 5 Bit Nixietube. 8-Segment Numeric +Graphical display IR control range: <8m
 Expected Operating Life: 2 years Low-alarm: 50mg/m³ (Factory default) High- alarm: 100mg/m³ (Factory default)
 Response time: <30s(T90) Output range: $\leq 30V$, 2A(maximum Limiting current)
 Weight: 2.2Kg Circuit protection: Over-range protection circuitDimension: 280mm \times 160mm \times 90mm

Indirect Cost

(Implementing Agency)

Land and Building

Sub-Total for EO

GRAND TOTAL

P		P	
P		P	1,000,000.00
P	2,137,050.00	P	1,000,000.00
P	2,528,300.00	P	1,140,000.00

Certified Funds Available:


LOU V. FOJA

Head, Romblon State University Budget Office


JEFFREY D. VARELA

Accountant III, DOST-MIMAROPA

Approved by:


DR. MA. JOSEFINA P. ABILAY

Regional Director, DOST-MIMAROPA







