

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 **LOCAL GOVERNMENT UNIT OF VICTORIA**, hereinafter referred to as **LGU-Victoria**, an institution organized under the laws of the Republic of the Philippines, with address at Poblacion I, Victoria, Oriental Mindoro, and represented in this Agreement by its Municipal Mayor, **HON. JOSELITO C. MALABANAN**;

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 well-being 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 "**Innovative Solutions for Solid Waste Management in LGU-Victoria's Materials Recovery Facility (MRF)**" as a project under the **DOST-MIMAROPA LOCAL GIA** and has provided funds therefore;

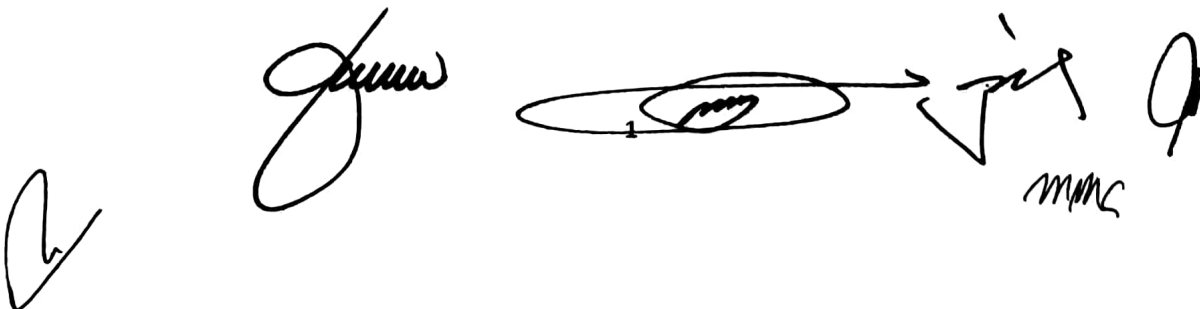
WHEREAS, **DOST-MIMAROPA** has identified **LGU-Victoria** as the beneficiary of the project and has sought support and assistance from **DOST-MIMAROPA** to implement the same;

WHEREAS, **DOST-MIMAROPA** and **LGU-Victoria** 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 **ONE MILLION NINE HUNDRED SIXTY-EIGHT THOUSAND ONE HUNDRED FIFTY PESOS (Php 1,968,150.00)** 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;

The block contains several handwritten signatures in black ink. On the left, there is a small, stylized signature. In the center, there is a large, flowing signature. To the right of this, there is a signature that appears to be 'J. P. Abilay' with a circular stamp or mark below it. Further right, there is another signature, and below it, the word 'MIMAROPA' is written in a stylized, handwritten font. On the far right, there is a final signature.

1.3 Facilitate the pull out of all materials, tools and /equipment procured out of project funds in the event that **LGU-Victoria** 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. **LGU-Victoria** 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 **LGU-Victoria** 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 Monthly report on the volume of production, employment, and productivity improvement not later than one (1) week after the end of each month

2.5.2 Semi-annual progress reports marked as Annex D hereof not later than 15 days after the end of the semester

2.5.3 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

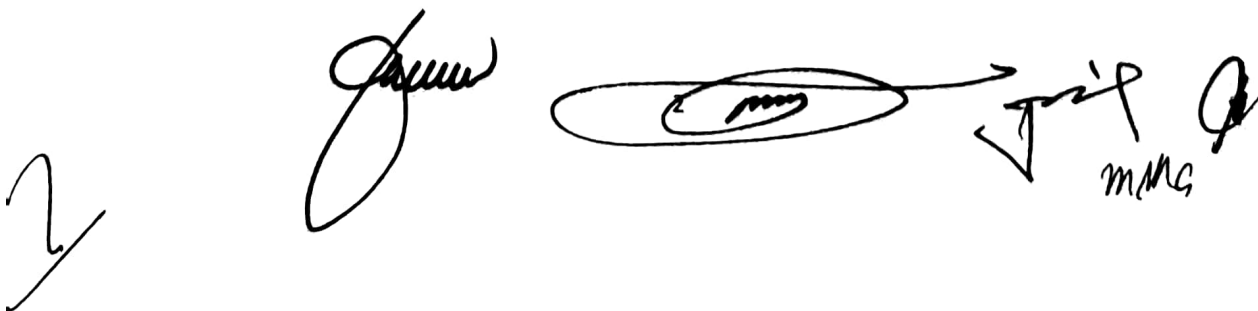
2.6 Submit the completion report two months after the project duration or after the achievement of the objectives as stated in the proposal;

2.7 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.

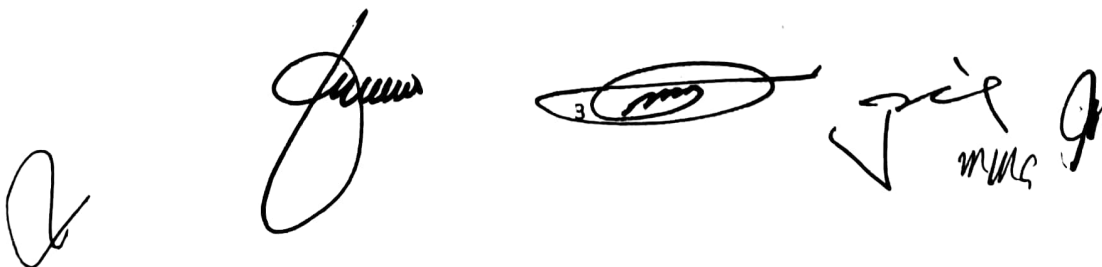
5. EFFECTIVITY:

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 **LGU-Victoria** 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 **one (1) year**, from **September 2022** to **August 2023**. The project shall be implemented during the said period or immediately after the release of funds.

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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

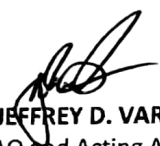

HON. JOSE LITO C. MALABANAN
Municipal Mayor
LGU-Victoria

SIGNED IN THE PRESENCE OF:


JESSE M. PINE
Provincial S&T Director
DOST PSTO-Oriental Mindoro


HON. MARLO V. NUARIN
Municipal Vice Mayor
LGU-Victoria

CERTIFIED FUNDS AVAILABLE:


JEFFREY D. VARELA
Chief AO and Acting Accountant
DOST-MIMAROPA


MARLYN L. CALDERON
Municipal Accountant
LGU-VICTORIA

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 28 day of SEP 2022, personally appeared

NAME	RES. CERT. NO	Place/Date Issued
MA. JOSEFINA P. ABILAY	PO255592B	01/15/2019- DFA Manila
JOSELITO C. MALABANAN	CTC NO. OCI 202027543888	01/06/2022- Victoria Or. Mdo.




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.: 12
Page No.: 4
Book No.: XIV
Series of 2022

RACHEL GINAYAW. COPANUT-PANGWA
NOTARY PUBLIC UNTIL Dec. 31, 2023 TAGUIG CITY
Not. Comm. Appt. No. 18 (2022-2023)
2/F, Pacura Bldg 427 M.L. Q. St., Lower Bicutan, Taguig City
PTR No. A-5334323/1-4-2022, Taguig City
IBP O.R. No. 165796/10-14-2021, RSM
MCLE Comp. No. VII-0007104/11-22-2021
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
 Project Title : Innovative Solutions for Solid Waste Management in LGU-Victoria's Material Recovery Facility (MRF)
 Implementing Agency : LGU-Victoria
 Total Duration : One (1) Year
 Current Duration : September 2022 - August 2023
 Program Leader : DR. MA. JOSEFINA P. ABILAY
 Project Leader : HON. JOSELITO C. MALABANAN
 Monitoring Agency : DOST-MIMAROPA / DOST-Oriental Mindoro

		Counterpart Funding	
		LGU-Victoria	DOST-MIMAROPA
I. Personal Services	P		P
<u>Direct Cost</u>			
Salaries	10 workers @ PhP 275.00/day	660,000.00	
Honoraria			
<u>Indirect Cost</u>			
(Implementing Agency)			
Salaries			
Honoraria			
(Monitoring Agency)			
Salaries			
Honoraria			
Sub-total for PS	P	660,000.00	P
II. Maintenance and Other Operating Expenses			
Traveling Expenses - local			
Training Expenses			

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James M. [Signature]

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1 unit Plastic/Styro Densifier,

ITDI-developed; Capacity: 50 kg/batch; Motor: 1.5 HP Single phase 220 VAC, 60 Hz; Fuel: LPG; Burner: Cast Iron Fuelled-Segment; Kettle Bottom Material: Stainless 304; Mixing Paddle: Worn Gear Reducer, Bottom Driven; Structure: All Steel Welded Construction made of 3 mm & 4 mm Metal Plate; Accessories: 2 sets Brick mould 2" x 5 1/2" x 9" (5pcs), 2 sets Brick Mould 2" x 6 1/2" x 7 1/2" (5pcs), 2 sets Flower Pot Square Cone Type 1" x 5" x 6"

P

495,000.00

1 unit Residual Heavy-duty Double Shaft Shredder

Capacity: 500 kg/hr; Spindle Power: 4-7.5 kw; Number of blades 20 x 20; Feed Hopper Size: 400 x 350 mm; Blade Diameter: 505 mm; Type: Double Shafting; Power: Electric Minimum of 2 x 7.5hp three phase 220 v with panel board and safety switch; Dimension: 2 x 1.2 x 1.5 m; Weight: 1.8 ton

1,347,150.00

1 set 100 kVA Transformer


Power rating: 100kVA; Number of Phase: 3 Phase; Winding Material : Aluminum; Frequency: 60 hz; Cooling Type: ONAN; Impedance: 4%

150,000.00

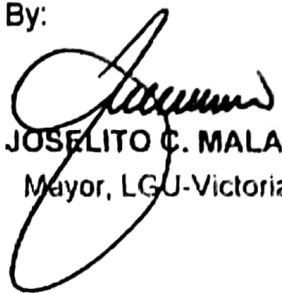
Sub-Total for EO		P	150,000.00	P	1,842,150.00
IV. Fixed Asset					
MRF Land and Building		P	2,000,000.00	P	
Sub-Total for Fixed Asset		P	2,000,000.00	P	-
GRAND TOTAL		P	3,124,960.00	P	1,968,150.00

3/11/24

Prepared By:


CAROLINE G. MANUEL
MPDO, LGU-Victoria

Noted By:


HON. JOSELITO C. MALABANAN
Mayor, LGU-Victoria

Endorsed By:

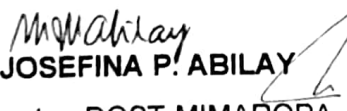

JESSE M. NINO
Provincial S&T Director, DOST-Oriental Mindoro

Certified Funds Available:

JEFFREY D. VARELA
Accountant III, DOST-MIMAROPA


MARLYN L. CALDERON
Accountant, LGU-Victoria

Approved by:


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



PROJECT WORKPLAN

(1) Program Title: GIA

(2) Project Title: Innovative Solutions for Solid Waste Management in LGU-Victoria's Material Recovery Facility (MRF)

(3) Total Duration (in months): 12

(4) Planned Start Date: September 2022

(5) Planned End Date: August 2023

(6) OBJECTIVES	(7) TARGET ACTIVITIES	(8) TARGET ACCOMPLISHMENTS (quantify, if possible)	2022				2023				2024
			Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	
Provide innovation system support for enhanced solid wastes management services	1. Coordination / Linkages 2. Project proposal preparation 3. Proposal revision and compliance of documentary requirements	Project proposal presented to RTEC and revised accordingly		X							
	4. MOA-signing & approval	MOA signed based on the completion of documentary requirements			X						
	5. Procurement of equipment and accessories 6. Commissioning, installation, and testing of equipment	Procurement and installation of equipment			X	X					
	7. Operationalization	System ready for operation					X	X	X	X	X
Increase workers awareness and skills on the basic operation and maintenance of additional equipment, and good housekeeping through series capability building enhancement activities	Trainings / skills enhancement	Training on Operation, Maintenance, and Troubleshooting of Equipment					X				
Reduce volume of residual wastes disposed by the MRF by as much as 30%;	Introduction of additional valuable product from recyclable wastes	Production of tabletops, plastic planters, and catwalk blocks					X	X	X	X	X
Promote the DOST-ITDI developed technologies (tabletops, plastic planters, and catwalk blocks)	Coordination with bLGUs and other government institutions	Intensify promotion of DOST-ITDI developed technologies (tabletops, plastic planters, and catwalk blocks)					X	X	X	X	X
Create direct and indirect job opportunities to the communities	Monthly monitoring / report re: production activities and employment						X	X	X	X	X
Conduct of pre- and post-evaluation of project to determine the impact of technological assistance to the enterprise and the community	Monitoring and evaluation						X	X	X	X	X

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(9) EXPECTED OUTPUTS (6Ps)	(10) DETAILS (quantify, if possible)	Y1				Y2				Y3
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	
Publications	One (1) article on success stories of Projects in MIMAROPA Stars									X
Patents/IP	None									
Products	Production of tabletops, plastic planters, and catwalk blocks					X	X	X	X	X
People Services	This project targets to increase workers' awareness of the basic operation and maintenance of additional production equipment and capacitate them in the production of DOST-ITDI developed technologies such as tabletops, colored garden pots, and tiles/paving bricks. Likewise, it intends to create direct and indirect employment opportunities for the community					X	X	X	X	X
Places and Partnerships	This project will be implemented at the Material Recovery Facility of LGU-Victoria situated in Brgy. Malabo, Victoria, Oriental Mindoro. This undertaking will mark a collaboration between DOST-MIMAROPA through DOST-Oriental Mindoro and LGU-Victoria					X	X	X	X	X
Policy	This project will strengthen the implementation of RA 9003 in the municipality of Victoria				X	X	X	X	X	X