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 San Agustin, hereinafter referred to as LGU-San Agustin with principal address at Brgy. Poblacion, San Agustin, Romblon represented in this Agreement by its Mayor, HON. ESTEBAN SANTIAGO F. MADRONA, JR.

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 Ice Plant at Marine Fish Landing Center in Carmen Bay** as a project under the **DOST-MIMAROPA LOCAL GIA** and has provided funds therefore;

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

WHEREAS, **DOST-MIMAROPA** and **LGU-SAN AGUSTIN** 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 Sixty-four Thousand Pesos only (PhP 2,564,000.00), for the implementation of the project as described in the Line-Item Budget of the proposal marked as Form 4 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 **Form 5** and which is also attached and made an integral part of this Agreement;

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- 1.3 Facilitate the pull out of all materials, tools and /equipment procured out of project funds in the event that **LGU-SAN AGUSTIN** fails to implement the project as stipulated in the project proposal made as **Form 3** 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-SAN AGUSTIN 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-SAN AGUSTIN** 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, sales, and productivity improvement not later than one (1) week after the end of each month
 - 2.5.2 Semi-annual progress reports marked as Form 6 hereof <u>not later than 15 days after</u> the end of the semester
 - 2.5.3 Annual progress report marked as Form 7 hereof together with the List of Equipment Purchased marked as Form 12 hereof <u>not later than 30 days after the end of the year</u>
- 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

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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 with 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 1);
- 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-SAN AGUSTIN 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 **12 months**, from **June 2023** to **June 2024**. 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.

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

HON. ESTEBAN SANTIAGO F. MADRONA, JR.

Mayor LGU-San Agustin

SIGNED IN THE PRESENCE OF:

Provincial S&T Director

PSTO Romblon

RANDY FAIGMANE

Consultant/Community Project Coordinator bLGU-Sugod

CERTIFIED FUNDS AVAILABLE:

XAVIER MAC DANIEL A. ORTIZ

DOST-MIMAROPA Accountant

HERMELYN P. CRESPO LGU-SAN AGUSTIN Accountant **ACKNOWLEDGEMENT** REPUBLIC OF THE PHILIPPINES)

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JUN 2 9 2023										
IN WITNESS WHEREOF, the parties here	IN WITNESS WHEREOF, the parties hereto have signed this Memorandum of Agreement this									
day of, 2023 at Bicutan, Taguig City.	n ===== 10 //									
PASIG	CITY									
Before me, a Notary Public for and in	this day of									
2023, personally appeared										
NAME	RES. CERT. NO	Place/Date Issued								
MA. JOSEFINA P. ABILAY	P0255592B	DFA Manila/ January 15, 2019								
	Leve Ad At	1000								
HON. ESTEBAN SANTIAGO F. MADRONA, JR.	16160801	Van Agustin, Romblon Vanuary								
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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.: 74

Page No.;: 1

Book No.: XLVIII

Series of 2023

Commission Servi No. NP 116(2022-2023) Until December 31, 2023 PTR No. 3873842D Q.C. 01/04/23

Roli 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

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DOST Form 4

DEPARTMENT OF SCIENCE AND TECHNOLOGY

Project Line-Item Budget CY 2023

I. Maintenance and Other Operating Expenses Traveling Expenses - local Training Expenses - local Traveling Expenses - local Supplies and Materials Expenses Fuel, Oil and Lubricants Expenses Other Professional Services Printing and Publication Expenses Other Professional Services Representation expenses Sub-Total for MOOE III. Equipment Outlay Technical and Scientific Equipment Supply, Delivery, Installation, and Commissioning of the 1000 Kilograms loe Production Facility Specifications: - Brine Takk - \$800 liters capacity task, \$5.304 Pate 1-2 Sinn with musicion 1+ 100mm EPS with Clouding \$3.304 intent of all main and town with pulling with a plant of with corrows. Bell and who pulling with a literation of the production for scillay. - Exception 1 unit \$1.34.5 is tons capacity cooper pape 1 timm diameter with cooper fires, with 0 37kW rengle phase 220VAC who is a science of amin with scillagement of the production and services and the pulling with a science of components - 1 set, 5 cons capacity with electre motor 3 7 kW rengle phase 220VAC - Experience Support Components - 1 set, 5 cons capacity with electre motor 3 7 kW rengle phase 220VAC - Experience Support Components - 1 set, 5 cons capacity with electre motor 3 7 kW rengle phase 220VAC - Experience Support Components - 1 set, 5 cons capacity with electre motor 3 7 kW rengle phase 220VAC - Experience Support Components - 1 set, 5 cons capacity with electre motor 3 7 kW rengle phase 220VAC - Experience Support Components - 1 set, 5 cons capacity with electre motor 3 7 kW rengle phase 220VAC - Experience Support components - 1 set, 5 cons capacity with electre motor 3 7 kW rengle phase 220VAC	Projection	gram Title ect Title ementing Agency Il Duration perating Agency gram Leader ect Leader iltoring Agency	: Grants-in-Aid (GIA) : Establishment of Ice Plant at Marine Fish Landing Ce : DOST-MIMAROPA : 1 year for project implementation / 2 years for monitor : LGU-San Agustin : Dr. Ma. Josefina P. Abilay/DOST-MIMAROPA : Hon. Esteban Santiago F. Madrona Jr./LGU-San Agustin : DOST-MIMAROPA PSTO-Rombion	oring o	f ou		part	Funding LGU-San Agustin
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Representation Expenses Rent/Lease Expenses Sub-Total for MOOE P 64,000.00 P 304,256.00 III. Equipment Outlay Technical and Scientific Equipment Supply, Delivery, Installation, and Commissioning of the 1000 Kilograms toe Production Facility Specifications: Brine Tank - 3600 liters capacity tank, SS 304 Plate I=2.5mm with insulation I=100mm EPS with Clodding SS 304 sheet r0 3mm with tank stiffener and tray support to 80 Block Tray - 35 unite 175mm x 150mm to 500mm uppered SS 304 plate t=1.6mm Compressor - 1 unit R134a 5 tons rating open type, with electine motor 3 7 kW engle phase 220VAC with high and tow timit control belted and with puttey Condenser - 1 unit 5 fors capacity copper pipe 16mm diameter with copper fins, with 0 37kW tan blade motor single phase 220VAC Exaporator - 1 unit 5 fors capacity copper pipe 16mm diameter Reingsration Support Components - 1 set, 5 one capacity filter/dryer sight glass, receiver expansion valve, accumulator, oil separator, fowlingh side pressure page. Electical Components - 1 set panel board with controller, magnetic contextor overload relay and service mput breaker Notelle for Courser - 1 unit 15 follograms capacity, 1 5 kW motor single phase 220VAC Fixed Assets Land and Building with 3-phase power connection & filtered water supply Sub-Total for EO P 2,500,000.00 P 3,000,000.00		laxes, insurance P	reas (0.70% of equipment value)			17,500.00		
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Sub-Total for MOOE P 64,000.00 P 304,256.00 III. Equipment Outlay Technical and Scientific Equipment Supply, Delivery, Installation, and Commissioning of the 1000 Kilograms Ice Production Facility Specifications: - Brition Fank - 3600 liters capacity tank, SS 304 Plate t=2.5mm with insulation t=100mm EPS with Cladding SS 304 shoet re0 3mm with tank stiffener and tray support. - to Block Tray - 35 units 175mm x 150mm x 500mm topered SS 304 plate t=1.6mm - Compressor - 1 unit R134a 5 tons rating open type, with electric moxor 3 7 kW single phase 220VAC with high and low territ control. betted and with pulley - Condenser - 1 unit 5 tons capacity copper pipe 16mm diameter with copper fins, with 0 37kW fan blade motor single phase 220VAC - Evaporation - 1 unit 5 tons capacity copper pipe 16mm diameter - Refrigeration Support Components - 1 set, 5 tons capacity filter/dryer sight glass, receiver expansion valve, accumulator, oil separation, lowingly side prassure gage Electrical Component - 1 set panel board with controller, magnetic contactor overload relay and service myth breaker - Mobile lee Crusher - 1 unit 15 kilograms capacity, 1 5 kW motor single phase 220VAC Fixed Assets Land and Building with 3-phase power connection & filtered water supply Sub-Total for EO P 2,500,000.00 P 3,000,000.00						9,000.00		
III. Equipment Outlay Technical and Scientific Equipment Supply, Delivery, Installation, and Commissioning of the 1000 Kilograms Ice Production Facility Specifications: Brine Fask - 3600 filers capacity tank, SS 304 Plate t=2 5mm with insulation t=100mm EPS with Cladding SS 304 cheet t=0 3mm with tank stiffener and tray support. Ice Block Tray - 35 units 175mm x 150mm x 500mm topered SS 304 plate t=1.6mm Compressor - 1 unit 15 fors capacity open type, with electric motor 3.7 kW single phase 220VAC with high and tow termit control, belief and with pulley Condenser - 1 unit 5 fors capacity copper pipe 16mm diameter with copper fins, with 0.37kW fan blade motor single phase 220VAC Evaporator - 1 unit 5 fors capacity copper pipe 16mm diameter Refrigeration Support Components - 1 set, 5 rons capacity filer/dryer sight glass, receiver expansion valve, accumulator, oil separator, howingh side pressure gage. Electrical Component - 1 set panel board with controller, magnetic contactor overload relay and service input breaker Mobile be Crusher - 1 unit 15 folograms capacity, 1.5 kW motor single phase 220VAC Fixed Assels Land and Building with 3-phase power connection & filtered water supply Sub-Total for EO P 2,500,000.00 P 3,000,000.00		RenuLease Expens		р		64,000,00	P	304,256.00
Supply, Delivery, Installation, and Commissioning of the 1000 Kilograms to Production Facility Specifications: - Brine Tank - 3600 liters capacity tank, SS 304 Plate I=2.5mm with insulation t=100mm EPS with Cladding SS 304 sheet re0 3mm with tank stiffener and tray support. - to Block Tray - 35 units 175mm x 150mm x 600mm topered SS 304 plate t=1.6mm - Compressor - 1 unit 8134a 5 tons rating open type, with electric motor 3 7 kW single phase 220VAC with high and low timit control. belted and with putfley - Condenser - 1 unit 5 tons capacity copper pipe 16mm diameter with copper fins, with 0 37kW fan blade motor single phase 220VAC - Evaporator - 1 unit 5 tons capacity copper pipe 16mm diameter - Refrigeration Support Components - 1 set, 5 tons capacity filter/dryer sight glass, receiver expansion valve, accumulator, oil senarator, forwingth side pressure page. - Electrical Component - 1 set panel board with controller, magnetic contactor overload relay and sen/comput breaker - Mobile toe Crusher - 1 unit 15 kilograms capacity, 15 kW motor single phase 220VAC Fixed Assets Land and Building with 3-phase power connection & filtered water supply Sub-Total for EO P 2,500,000.00 P 3,000,000.00			Sub-1 otal for MOOE	•		.,		
Supply, Delivery, Installation, and Commissioning of the 1000 Kilograms toe Production Facility Specifications: Brine Fank - 3600 (liters capacity tank, SS 304 Plate t=2.5mm with insulation t=100mm EPS with Cladding SS 304 sheet t=0.3mm with tank stiffener and tray support. to Block Tray - 35 units 175mm x 150mm x 600mm topered SS 304 plate t=1.6mm Compressor - 1 unit 134 a 5 tons rating open type, with electric motor 3.7 kW single phase 220VAC with high and fow termit control, betted and with pulley Condenser - 1 unit 5 tons capacity copper pipe 16mm diameter with copper fins, with 0.37kW tan blade motor single phase 220VAC Evaporator - 1 unit 5 tons capacity copper pipe 16mm diameter Refrigeration Support Components - 1 set, 5 tons capacity filter/dryer sight glass, receiver expansion valve, accumulator, oil separator, low/lingly side pressure gege. Electrical Component - 1 set panel board with controller, magnetic contactor overload relay and service mput breaker Mobile lee Crusher - 1 unit 15 kilograms capacity, 15 kW motor single phase 220VAC Fixed Assets Land and Building with 3-phase power connection & filtered water supply Sub-Total for EO P 2,500,000.00 P 3,000,000.00	111.							
Ice Production Facility Specifications: Brine Tank - 3600 filters capacity tank, SS 304 Plate t=2.5mm with insulation t=100mm EPS with Cladding SS 304 sheet t=0 3mm with tank stiffener and tray support. Ico Block Tray - 35 units 175mm x 150mm x 600mm topered SS 304 plate t=1.6mm Compressor - 1 unit R134a 5 tons rating open type, with electric motor 3 7 kW single phase 220VAC with high and low limit control. belted and with pulley Condenser - 1 unit 5 tons capacity copper pipe 16mm diameter with copper fins, with 0 37kW fan blade motor single phase 220VAC Evaporator - 1 unit 5 tons capacity copper pipe 16mm diameter Refrigeration Support Components - 1 set, 5 tons capacity filter/dryer sight glass, receiver expansion valve, accumulator, oil separator, towhigh side pressure gage. Electrical Component - 1 set panel board with controller, magnetic contactor overload relay and service input breaker Mobile for Crusher - 1 unit 15 kilograms capacity, 1 5 kW motor single phase 220VAC Fixed Assets Land and Building with 3-phase power connection & filtered water supply Sub-Total for EO P 2,500,000.00 P 3,000,000.00		Technical and Scie	ntific Equipment	_		2 500 000 00		
Specifications: - Brine Fank - 3600 liters capacity tank, SS 304 Plate t=2.5mm with insulation t=100mm EPS with Cladding SS 304 sheet t=0 3mm with tank stiffener and tray support. - toe Block Tray - 35 units 175mm x 150mm x 600mm uppered SS 304 plate t=1.6mm - Compressor - 1 unit R134a 5 tons rating open type, with electric motor 3.7 kW single phase 220VAC with high and tow timit control. belted and with putley - Condenser - 1 unit 5 tons capacity copper pipe 16mm diameter with copper fins, with 0.37kW fan blade motor single phase 220VAC - Evaporator - 1 unit 5 tons capacity copper pipe 16mm diameter - Refrigeration Support Components - 1 set, 5 tons capacity filter/dryer sight glass, receiver expansion valve, accumulator, oil separator, forthingh side pressure gage. - Electrical Component - 1 set panel board with controller, magnetic contactor overload relay and sendos input breaker - Mobile les Crusher - 1 unit 15 kilograms capacity, 1.5 kW motor single phase 220VAC Fixed Assets Land and Building with 3-phase power connection & filtered water supply Sub-Total for EO P 2,500,000.00 P 3,000,000.00				S		2,500,000.00		
- Brine Tank - 3600 fiters capacity tank, SS 304 Plate I=2.5mm with insulation t=100mm EPS with Cladding SS 304 sheet I=0 3mm with tank stiffener and tray support. - toe Block Tray - 35 units 175mm x 150mm x 500mm topered SS 304 plate I=1.6mm - Compressor - 1 unit R134a 5 tons rating open type, with electric motor 3.7 kW single phase 220VAC with high and low limit countrol. belied and with pulley - Condenser - 1 unit 5 tons capacity copper pipe 16mm diameter with copper fins, with 0.37kW fan blade motor single phase 220VAC - Evaporator - 1 unit 5 tons capacity copper pipe 16mm diameter - Refrigeration Support Components - 1 set, 5 tons capacity filter/dryer sight glass, receiver expansion valve, accumulator, oil separator, lowihigh side pressure gege Electrical Component - 1 set panel board with controller, magnetic contactor overload relay and service input breaker - Mobile fee Crusher - 1 unit 15 kilograms capacity, 1.5 kW motor single phase 220VAC Fixed Assets Land and Building with 3-phase power connection & filtered water supply Sub-Total for EO P 2,500,000.00 P 3,000,000.00		ice Production F	acility					
Fixed Assets Land and Building with 3-phase power connection & filtered water supply Sub-Total for EO P 2,500,000.00 P 3,000,000.00		- Brine Fank - 3600 fill Cladding SS 304 she - tee Block Tray - 35 L - Compressor - 1 unit with high and low limi - Condenser - 1 unit 5 blade motor single ph - Evaporator - 1 unit 5 - Refrigeration Suppo valve, accumulator, o - Electrical Compone	ot t=0 3mm with tank stiffener and tray support. Initis 175mm x 150mm x 600mm topered SS 304 plate t=1,6mm R134a 5 tons rating open type, with electric motor 3.7 kW single phase 220\tonarol, belied and with pulley tonarol, belied and with 0.37kW far tase 220VAC tonarol soperity copper pipe 16mm diameter at Components - 1 set, 5 tona capacity filter/dryer sight glass, receiver expa- til separator, towinigh side pressure gage. nt - 1 set panel board with controller, magnetic contactor overload relay and	VAC				
Land and Building with 3-phase power connection & filtered water supply Sub-Total for EO P 2,500,000.00 P 3,000,000.00		Fixed Assets						0.000.000.00
Sub-Total for EO P 2,500,000.00 P 3,000,000.00		Land and Build	ing with 3-phase power connection & filtered water supp	oly			n-4	
GRAND TOTAL P 2,564,000.00 P 3,304,256.00					P _	2,500,000.00	F	3,000,000.00
			GRAND TOTAL	1	P	2,564,000.00	_ F	3,304,256.00

Certified Funds Available:

HERMELYN P. CRESPO Municipal Accountant, LGU-San Agustin XAVIER MAC DANIEL ORTIZ Accountant III, DOST-MIMAROPA

Approved by:

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