



Republic of the Philippines
Department of Environment and Natural Resources
Provincial Environment and Natural Resources Office
MIMAROPA Region

Bgy. Sta. Monica, Puerto Princesa City, Palawan

E-mail: penropalawan@denr.gov.ph

Telfax No. (048) 433-5638 / (048) 433-5638

DENR MIMAROPA RECORDS SECTION	
RECEIVED	
FEB 21 2023	
<input type="checkbox"/> INCOMING	<input type="checkbox"/> OUTGOING
BY: _____	DATS NO. _____
TIME: _____	

Region

February 16, 2023

MEMORANDUM

FOR : The Regional Executive Director
DENR-MIMAROPA Region
1515 DENR by The Bay Bldg., Roxas Blvd.
Barangay 668, Ermita, Manila

THRU : The OIC, ARD for Technical Services

FROM : The Provincial Environment and
Natural Resources Officer

SUBJECT : **SUBMISSION OF MEMORANDUM OF AGREEMENT (MOA)
AND WORK AND FINANCIAL PLAN (WFP) FOR CBFM-CARP
CY 2023**

Respectfully forwarded is the Memorandum of Agreement (MOA) and Work and Financial Plan (WFP) of CBFM Carp CY 2023 within the jurisdiction of CENRO Roxas Palawan.

Please see attached MOA and WFP of CBFM Macatumbalen Community Based Forest and Coastal Management Association (MCBFCMA) and Caruray Agricultural Marketing Association (CAMA) for signature of the Regional Executive Director, Lormelyn E. Claudio, CESO IV., and OIC Assistant Regional Director for Technical Services, Maximo C. Landrito.

For your consideration and approval.

“For the PENRO”

DENR-PALAWAN
PENRO-RECORDS
RELEASED
By Da
Date: 17 FEB 2023 CN 23-443

RONIE B. GANDEZA
DMO IV/OIC-CHIEF TSD
In-Charge Office of the PENRO

FEB 17 2023

2023-1447



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Provincial Environment and Natural Resources Office
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DENR-PALAWAN
PENRO-RECORDS
RELEASED

By 
Date: 17 FEB 2023 CN 23-443

FEB 17 2023

2023-1409

MEMORANDUM OF AGREEMENT

KNOW ALL MEN BY THESE PRESENTS:

This Memorandum of Agreement is made and entered into by and between:

The Department of Environment and Natural Resources Region 4-B with postal address at 1515 L&S Bldg. Roxas Blvd., Manila, Philippines represented by its **Regional Executive Director (RED)**, Lormelyn E. Claudio, CESO IV, herein referred to as the DENR

-and-

The Macatumbalen Community- Based Forest and Coastal Management Association (MCBFCMA), with postal address at So. Macatumbalen, Brgy. Poblacion, San Vicente, Palawan, Philippines representative by its President/Chairperson, Nida A. Collado, herein referred to as the PO.

WITNESSETH:

WHEREAS, the DENR is implementing activities related to the implementation of Comprehensive Agrarian Reform Program (CARP) in the pursuit of contributing to the promotion of social justice through improvement of the of the Land Tenure System in the country and uplift the socio-economic well-being of farmer beneficiaries.

WHEREAS, one of the activities under DENR-CARP is the Program Beneficiary Development or the CBFM-CARP which include the development of livelihood/ enterprise activities to help improve the socio-economic condition of the Project Beneficiaries.

WHEREAS, the **CBFM Peoples Organizations** shall be assisted to facilitate the establishment, implementation and operation of their selected livelihood/enterprise activities.

WHEREAS, the livelihood/ enterprise proposal of the PO entitled "Mobile mechanization of vermiculture production" with Work and Financial Plan (WFP) has been evaluated and approved by the DENR.

WHEREAS, the DENR and PO have agreed to implement the above-mentioned livelihood/ enterprise, the **PARTIES** hereto agree to enter into this Memorandum of Agreement (MOA) under the following terms and conditions:

Section 1. Financial Assistance

- 1.1. Consistent with the provisions of the CBFM-CARP Project Implementation Guide and related issuances, the livelihood/ enterprise financial assistance with an approved amount of Nine Hundred Thousand Pesos (Php900, 000.00) will be released on a **lump-sum** basis. Said allocation intends to serve as start-up capital for the establishment, implementation and operationalization of the PO's livelihood/ enterprise. However, the release of said financial assistance to the recipient PO will be based on their approved livelihood/ enterprise. Further, the funds for agroforestry component shall be released in in tranches based on the CBFM-CARP Project Implementation Guide.



Section 2. Roles and Responsibilities

2.1. The DENR shall:

- 2.1.1. Allocate, obligate financial assistance to the recipient PO based on the total amount indicated in the approved WFP.
- 2.1.2. Provide the necessary technical guidance and capacity building/ trainings, to recipient PO to facilitate the effective implementation of the livelihood/ enterprise activities.
- 2.1.3. Conduct the Socio-economic and Environment Baseline (SEEB) based on the FMB Technical Bulletin No. 9.
- 2.1.4. Supervise, monitor and evaluate the livelihood/ enterprise accomplishments of the recipient PO based on the approved livelihood/ enterprise proposal and WFP.
- 2.1.5. Provide assistance and guidance in the procurement of equipment, tools, supplies and materials. Furthermore, they shall also conduct documentation and inspection of procured equipment, tools, supplies and materials for the livelihood enterprise.
- 2.1.6. Maintain and manage records/ files of livelihood/ enterprise documents and reports.
- 2.1.7. Provide assistance to the recipient PO for the sustainability of the livelihood/enterprise.

2.2. The PO shall:

- 2.2.1. Undertake and implement the livelihood/ enterprise “**Mobile mechanization of vermiculture production**” activities stipulated in the approved proposal and WFP.
- 2.2.2. Open a separate Bank Account intended for the livelihood/ enterprise to be used as depository of funds including two (2) authorized signatories.
- 2.2.3. Prepare and submit to the concerned agencies the required permits and other necessary documents to start the livelihood/ enterprise.
- 2.2.4. Create a committee to be composed of PO members who are knowledgeable or directly involved in the livelihood/ enterprise activity.
- 2.2.5. Create a procurement committee within the Organization who will be in charge of procurement process of necessary equipment, tools, supplies, and materials for the livelihood/ enterprise under the supervision of the DENR.
- 2.2.6. The procured equipment, tools, supplies and materials shall be properly documented including geotagged photos and submitted to the DENR for inspection.
- 2.2.7. Implement the livelihood/ enterprise based on the approved project proposal and WFP.
- 2.2.8. Ensure the benefits derived from the livelihood/ enterprise will be shared both by the members and the organization through an agreed benefit-sharing mechanism/arrangement. The same shall be incorporated in their monthly/ quarterly reports.



- 2.2.9. Undertake proper recording of livelihood/ enterprise activities and financial transactions and maintain and manage files of records and documentation of livelihood/ enterprise activities.
- 2.2.10. Prepare and submit monthly/ quarterly reports of physical and financial accomplishment to the DENR.
- 2.2.11. Formulate and implement internal policies supported by a PO Resolution on the:
- 2.2.11.1. Commitment of the recipient PO for the proper implementation and sustainability of the livelihood/ enterprise.
 - 2.2.11.2. Request for the release of financial assistance including required documents; and
 - 2.2.11.3. Benefit-sharing mechanism among the PO members and organization.
- 2.2.12. Submit the following reports:
- 2.2.12.1. Physical accomplishment and financial reports with supporting documents; and
 - 2.2.12.2. Final report accompanied with photo documentation for the livelihood/ enterprise activities funded by the Project.

Section 3. Amendments

Any amendment to this Agreement shall be effected only on the basis of written mutual consent by this parties.

Section 4. Termination

The MOA may be terminated based on the following event of default on the part of the recipient **PO**:

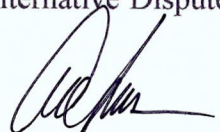
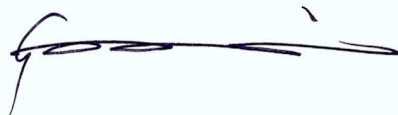
- 4.1. Fraud, misrepresentation or omission by the implementer of material facts in obtaining the MOA which would otherwise disqualify the recipient PO;
- 4.2. Failure to start the livelihood/enterprise on the date specified in the MOA without just cause;
- 4.3. Abandonment of the livelihood/ enterprise; of the work stipulated in the MOA, for a period of at least one month from the date discovery by the DENR of such fact; and
- 4.4. Violation of, or failure to comply with the terms and conditions of the agreement and other Environment and Natural Resources and Regulations.

Section 5. Force Majeure

The occurrence of force majeure affecting the established livelihood/ enterprise shall be properly documented and reported by the recipient PO to DENR with geotagged photos and certification from the concerned Local Government Unit (LGU).

Section 6. Dispute Resolution


The parties shall endeavour to amicably settle all disputes, claims and controversies arising from the interpretation or implementation of this Agreement within a period of one (1) month. Should the parties fail to settle disputes, claims and controversies, the same shall be resolved in accordance with the provisions of Republic Act No. 9285 or the Alternative Dispute Resolution Act of 2004.



Section 7. Effectively

This Agreement shall take effect upon signing hereof and shall remain in force and effect unless terminated by mutual agreement, in writing, both parties.

IN WITNESS HEREOF, all parties have hereunto set their hands this _____ day of _____ 2023 at the DENR- **Palawan**.


NIDA A. COLLADO
President/ Chairman
PO Name

LORMELYN E. CLAUDIO, CESO IV
Regional Executive Director
DENR-MIMAROPA Region

Signed at the presence of:


PABLO L. CRUZ
CENRO


FELIZARDO B. CAYATOC
PENRO

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The **Macatumbalen Community- Based Forest and Coastal Management Association (MCBFCMA)**, with postal address at **So. Macatumbalen, Brgy. Poblacion, San Vicente, Palawan**, Philippines representative by its President/Chairperson, **Nida A. Collado**, herein referred to as the PO.

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WHEREAS, the DENR is implementing activities related to the implementation of Comprehensive Agrarian Reform Program (CARP) in the pursuit of contributing to the promotion of social justice through improvement of the of the Land Tenure System in the country and uplift the socio-economic well-being of farmer beneficiaries.

WHEREAS, one of the activities under DENR-CARP is the Program Beneficiary Development or the CBFM-CARP which include the development of livelihood/ enterprise activities to help improve the socio-economic condition of the Project Beneficiaries.

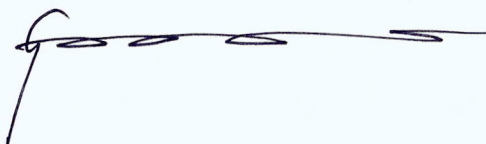
WHEREAS, the **CBFM Peoples Organizations** shall be assisted to facilitate the establishment, implementation and operation of their selected livelihood/enterprise activities.

WHEREAS, the livelihood/ enterprise proposal of the PO entitled "**Mobile mechanization of vermiculture production**" with Work and Financial Plan (WFP) has been evaluated and approved by the DENR.

WHEREAS, the **DENR** and **PO** have agreed to implement the above-mentioned livelihood/ enterprise, the **PARTIES** hereto agree to enter into this Memorandum of Agreement (MOA) under the following terms and conditions:

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2.1. The DENR shall:

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- 2.1.3. Conduct the Socio-economic and Environment Baseline (SEEB) based on the FMB Technical Bulletin No. 9.
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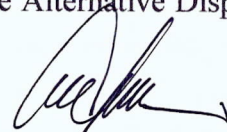
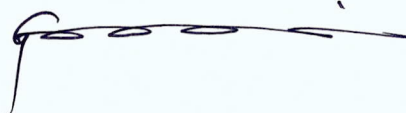
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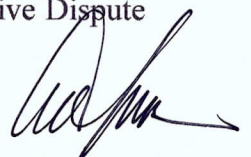
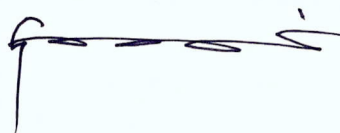
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NIDA A. COLLADO
President/ Chairman
PO Name

LORMELYN E. CLAUDIO, CESO IV
Regional Executive Director
DENR-MIMAROPA Region

Signed at the presence of:


PABLO A. CRUZ
CENRO


FELIZARDO B. CAYATOC
PENRO

CBFM UPLAND DEVELOPMENT PROGRAM
WORK AND FINANCIAL PLAN FOR CY 2023-2024

Project Title
Municipality/Province
Site/Barangays covered
Name of PO
Major Target
Total No. of Beneficiaries
CBFMA Total Area
CBFMA NO:

MOBILE MECHANIZATION OF VERMICULTURE PRODUCTION OF MACATUMBALEN COMMUNITY BASED FOREST AND COASTAL MANAGEMENT ASSOCIATION (MBFMA)
SAN VICENTE, PALAWAN
BRGY. MACATUMBALEN
MACATUMBALEN COMMUNITY BASED FOREST AND COASTAL MANAGEMENT ASSOCIATION (MCBFCMA) (formerly known as Macatumbalen Multi-Purpose Cooperative)
Male= 22 Female= 12 Total= 34
1,850 HECTARES
2002-29

Sector:	Forest Management Sector (FMS) ACTIVITY	GOAL (hectare)	UWM	TOTAL TARGET	UNIT COST	TOTAL BUDGET		Region	Fund:		Fiscal Year:		
						CARP Fund	PO Counterpart	MIMAROPA					2023 - 2024
								QUARTERLY PHYSICAL WORK/TARGET					
								Q1	Q2	Q3	Q4	Total	
I. Bunkhouse/ Storage Room construction expenses						900,000.00	207,800.00						
Bunkhouse/ storage room (7 x 8 meters) for Towable Biodegradable Shredder and stocks area						60,000.00							
1.1 Sawdust (7ft x 30 ft)						roll	5	1,700.00	8,500.00		6		5
1.2 #1.5" Nail						kilo	3	93.00	279.00		3		3
1.3 #2.5" Nail						kilo	2	93.00	186.00		4		4
1.4 #3" Nail						kilo	4	94.25	377.00		5		5
1.5 #4" Nail						kilo	2	94.75	195.00		4		4
1.6 #6" Nail						kilo	2	95.00	190.00		5		5
1.7 Umbrella Nail/ Roofing Nail						kilo	3	100.00	300.00		10		10
1.7 Lumber						bd. Ft.	1,500	26.00	39,000.00		2,000		1,200
1.8 Yero (12feet)						pcs	22	500.00	11,000.00		30		30
II. EQUIPMENT OUTLAY													
Towable Biodegradable Shredder						unit	2	420,000.00	840,000.00			2	2
III Operations expenses													
A. Materials requirement													
Direct materials/ raw materials													
worms						kilo	20	750.00		15,000			
substrate						sacks	300	10.00		3,000			
Direct Labor													
-laborers (8)						days	20	200.00		32,000.00			
Other direct cost													
-Electricity (30 days)							1	1,500.00		1,500			
-Gasoline for Generator (30 days)						liter	90	70.00		6,300			
B. Repair and Maintenance for 3 years (2023-2025)							3	50,000.00		150,000.00			

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**CBFM UPLAND DEVELOPMENT PROGRAM
WORK AND FINANCIAL PLAN FOR CY 2023-2024**

Project Title	MOBILE MECHANIZATION OF VERMICULTURE PRODUCTION OF MACATUMBALEN COMMUNITY BASED FOREST AND COASTAL MANAGEMENT ASSOCIATION (MBFMA)		
Municipality/Province	SAN VICENTE, PALAWAN		
Site/Barangays covered	BRGY. MACATUMBALEN		
Name of PO	MACATUMBALEN COMMUNITY BASED FOREST AND COASTAL MANAGEMENT ASSOCIATION (MCBFMA) (formerly known as Macatumbalen Multi-Purpose Cooperative)		
Major Target	VERMICULTURE PRODUCTION		
Total No. of Beneficiaries	Male= 22	Female= 12	Total= 34
CBFMA Total Area	1,850 HECTARES		
CBFMA NO:	2002-29		

Sector:													
Forest Management Sector (FMS) ACTIVITY	GOAL (hectare)	UWM	TOTAL TARGET	UNIT COST	TOTAL BUDGET		Region	Fund:	Fiscal Year:				
					CARP Fund	PO Counterpart	MIMAROPA	QUARTERLY PHYSICAL WORK/TARGET	2023 - 2024				
							Q1			Q2	Q3	Q4	Total
					DIRECT COST				900,000.00				
EXTENSION SERVICES (5%)				50,000.00									
PROJECT MONITORING AND SUPERVISION (5%)				50,000.00									
TOTAL OPERATIONAL COST				1,000,000.00	207,800.00								

Prepared by in Collaboration with the PO:

Reviewed by:

Attested by:

Recommending Approval:

NIDA A. COLLADO
PO Chairperson

DIOPHANTUS A. ESQUILLO, JR.
CIBEMADESK OFFICER


PABLO J. CRUZ
NACIONAL

MAXIMO C. LANDRITO
OIC Assistant Regional Director for Technical Services

Approved:

FELIZARDO B. CAYATOC
PENRO

LORMELYN E. CLAUDIO, CESO IV
Regional Executive Director

**CBFM UPLAND DEVELOPMENT PROGRAM
WORK AND FINANCIAL PLAN FOR CY 2023-2024**

Project Title	MOBILE MECHANIZATION OF VERMICULTURE PRODUCTION OF MACATUMBALLEN COMMUNITY BASED FOREST AND COASTAL MANAGEMENT ASSOCIATION (MBFMA)		
Municipality/Province	SAN VICENTE, PALAWAN		
Site/Barangays covered	BRGY. MACATUMBALLEN		
Name of PO	MACATUMBALLEN COMMUNITY BASED FOREST AND COASTAL MANAGEMENT ASSOCIATION (MCBFMA) <i>(formerly known as Macatumbalen Multi-Purpose Cooperative)</i>		
Major Target	VERMICULTURE PRODUCTION		
Total No. of Beneficiaries	Male=22	Female=12	Total=34
CBFMA Total Area	1,850 HECTARES		
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Sector:													
Forest Management Sector (FMS) ACTIVITY	GOAL (hectare)	UWM	TOTAL TARGET	UNIT COST	TOTAL BUDGET		Region	Fund:	Fiscal Year:	Total			
					CARP Fund	PO Counterpart	MIMAROPA	QUARTERLY PHYSICAL WORK/TARGET	2023 - 2024				
							Q1				Q2	Q3	Q4
DIRECT COST					900,000.00								
EXTENSION SERVICES (5%)					50,000.00								
PROJECT MONITORING AND SUPERVISION (5%)					50,000.00								
TOTAL OPERATIONAL COST					1,000,000.00	207,800.00							

Prepared by in Collaboration with the PO:

Reviewed by:

Attested by:

Recommending Approval:

NIDA A. COLLADO
PO Chairperson

DIOGENES A. ESQUILLO, JR.
~~CRIMINAL JUSTICE OFFICER~~

PABLO Y CRUZ
Y CENRO

MAXIMO C. LANDRITO
OIC Assistant Regional Director for Technical Services

Approved:

FELIZARDO B. CAYATOC
PENRO

LORMELYN E. CLAUDIO, CEO IV
Regional Executive Director

PROJECT PROPOSAL FOR LIVELIHOOD/ ENTERPRISE

DEVELOPMENT FOR CBFM

A. MGA PANGUNAHING IMPORMASYON NG ORGANISASYO

1. PANGALAN NG SAMAHAN : Macatumbalen Community-Based Forest and Coastal Management Association (MCBFCMA)
2. ADDRESS NG SAMAHAN : Sitio Macatumbalen, San Vicente, Palawan
3. CBFMA NO. : RVI-PAL-CBFMA-2002-29
4. URI NG SAMAHAN : COOPERATIVE
5. BILANG NG SAMAHAN NA NAGSASAGAWA NG PROYEKTO : 28
6. PANAGALAN NG PANGULO : Nida A. Collado
7. CONTACT NUMBERS : 0921 518 4192
8. EMAIL ADDRESS : adincollado@gmail.com
9. PETA NG PAGKAKATATAG NG SAMAHAN : June 05, 2002
10. PETA NG PAGKAKAREHISTRO : August 24, 2010
11. REGISTERING AGENCY : Department of Labor and Employment
12. REGISTRY NUMBERS : Reg. No.010-530

B. NINANAIS NA ENTERPRISE

1. PAMAGAT NG PROYEKTO : Mobile Mechanization of Vermiculture Production of Macatumbalen Community-Based Forest and Coastal Management Association (MCBFCMA)
2. Saan nagmumula ang raw materials : Ang mga hilaw na organikong materyales tulad ng mga nalalabi sa pananim, mga dumi ng hayop, basura ng pagkain, ilang mga basura sa barangay.
3. Anu-ano at gaano karami ang mga likas na yaman na matatagpuan sa lugar na maaring magamit sa pagbuo ng enterprise o negosyo:

PANGALAN NG LIKAS NA YAMAN	ESTIMATE NA BILANG
Agricultural /vegetables	50 hectares
Indigenous trees (Ipil, Akle, Narra, Ipil-Ipil), Mahogany, Mangium, Gmelina, Raintree	200 hectares
Kape, Pili, Cacao, Marang, Rambutan, Bamboo, Banana	50 hectares
Minor forest products	1000 hectares
Major forest products	1000 hectares
Timber products (naturally grown)	1000 hectares

4. Anong mga pamamaraan ang ginagamit ninyo upang masiguro na may sapat na materyales para sa enterprise o pagnegosyo sa darating na panahon (e.g. replanting, pruning).
 - Ang wastong pagdidilig, pagmamalts, pagpapataba, pruning, staking at pangangalaga sa tag-init / tag-araw ay makakatulong na mapanatiling malusog ang ating mga bago at inilipat na puno o pananim.
 - Agroforestry tulad ng Kape, Pili, Cacao, Marang, Rambutan, Bamboo at Banana. Nakikipag uganayan ang PO at Punong Barangay sa kagawaran ng pagsasaka para sa Agroforestry farms.
5. Kasalukuyang Enterprise/ Negosyo/ Produkto.
 - Vermicast
 - Honey

- Almiciga
- Gulayan
- Indigenous trees
- Planted trees
- Kape, Pili, Cacao, Marang, Rambutan, Bamboo at Banana

Bakit ito tinatangkilik ng mga tao o ang gamit ng mga produkto sa namimili?

- Ito ay nagsisilbing biofertilizers, nagpapanumbalik ng mga sustansya sa lupa, nagpapatatag ng lupa, at pinahuhusay ang pagkamayabong ng lupa sa pangmatagalang panahon;
- Tumutugon ito sa mga isyung panlipunan at nagre-recycle ng basura; at
- Ito ay ipinapakita na isang kumikitang negosyo bilang isang circular na ekonomiya.

Ito ba ay hilaw, o pinrosesong produkto mula sa kahoy o hindi kahoy na natural resources?

- Vermicomposting ito ay earthworm para makamit ang parehong layunin. Ang pagtatago ng kemikal ang digestive tract ng earthworm ay tumutulong sa pagkasira lupa at organikong bagay, kaya naglalaman ang paghahagis mas maraming nutrients na makukuha kaagad sa mga halaman. Ang vermicompost ay parang conventional compost at maaaring ilapat sa parehong paraan sa mga hardin, damuhan at mga nakapaso na halaman. Isang malaki dami ng organikong bagay na nabuo mula sa mga aktibidad sa agrikultura, pang-industriya mga establisyimento, silungan ng mga hayop at sambahayan mga aktibidad at itinaapon upang mabulok nang wala wastong paggamit. Kaya na isang simpleng bio proseso ng composting tulad ng vermicomposting bilang ang bio-fertilizer ay nagbibigay ng "Win Win" na solusyon sa harapin ang problema ng ligtas na pagtatapon ng basura pati na rin ang pinakakailangan na sustansya ng halaman para sa napapanatiling produktibidad.
- Pinahuhusay ng vermicompost ang paglago ng halaman, pinipigilan ang sakit sa mga halaman, pinatataas ang porosity at aktibidad ng microbial sa lupa, at pinapabuti ang pagpapanatili ng tubig at aeration. Ang vermicompost ay nakikinabang din sa kapaligiran sa pamamagitan ng pagbabawas ng pangangailangan para sa mga kemikal na pataba at pagbabawas ng dami ng basurang napupunta sa mga landfill.

Ano ang estado ng enterprise na ito?

- Ipinapakita na isang kumikitang negosyo bilang isang circular na ekonomiya. Ang paggamit ng vermicompost ay nagreresulta sa maraming benepisyo sa mga magsasaka, industriya, kapaligiran, at pangkalahatang pambansang ekonomiya. Sa mga magsasaka: Mas kaunting pag-asa sa mga biniling input ng nutrients na humahantong sa mas mababang gastos ng produksyon. Pagtaas ng produktibidad ng lupa sa pamamagitan ng pinabuting kalidad ng lupa. Mas mahusay na dami at kalidad ng mga pananim. Para sa mga taong walang lupa ay nagbibigay ng karagdagang pinagmumulan ng kita para sa mga industriya. Cost-effective teknolohiya sa pagbabawas ng polusyon Sa kapaligiran. Ang mga basura ay hindi lumilikha ng polusyon, dahil ang mga ito ay nagiging mahalagang hilaw na materyales para sa pagpapahusay ng pagkamayabong ng lupa Para sa pambansang ekonomiya. Palakasin ang ekonomiya sa kanayunan. Pagtitipid sa mga biniling input. Mas kaunting pagbuo ng wasteland.

Kasalukuyang Enterprise at Negosyo	Ginagamit na Raw Materials	Gamit ng Produkto sa Consumer (mga halimbawa)	Anyo (Isulat sa ilalim kung wood-based o non-timber, kung sariwa (S) o	Estado ng Enterprise (lagyan ng tsek)
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		<i>ng sagot ay nasa note sa baba)</i>	<i>prinosesong produkto (P).)</i>			
			Wood- based	Non- timber	Kasisimula pa lang	Matatag
Honey	Raw honey/ pulot	Mga Soaps & Cream Making, SPA. Ang natural na raw na pulot ay maaaring mag- alok ng mas malakas na benepisyo sa kalusugan		S/ P		✓
Almiciga	Almaciga resin	Ginagamit ang Almaciga resin sa paggawa ng mga barnis, pintura, sabon, plastik, tinta sa pag-print, linoleum, polish ng sapatos, floor wax, atbp. Bagama't itinuturing na isang maliit na produkto ng kagubatan, ang almaciga resin ay isa sa mga kumikita ng dolyar ng bansa		P		✓
Gulayan	Ibat ibang uri ng gulay	Malaki rin naman ang kinikita rito lalo na't kung may puwesto sa palengke o sa talipapa.		S/P		✓
Planted trees	Gmelina, Mangium, Mahogany	ginagamit para sa sahig, panloob at panlabas na kasangkapan (lumber and Poles)	S/P			✓
Fruit trees	Kape, Pili, Cacao, Marang, Rambutan, Banana	prutas na kinakain ng mga hayop at tao		S/P		✓

Bamboo		mga materyales na ginagamit sa pagtatayo ng bahay	S			✓
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Note: Mga gamit ng sariwang produkto ay maaring lumber, poles, prutas, pang- agrikultura kung prinoseso ay maaring furniture, handicrafts, medicines, beauty products, construction materials, atbp.

6. Mga binabalaak na Enterprise/ Livelihood? Ano ang mga potesyal na negosyo ng samahan? Anong raw materials ang kakailanganin? Anong kakayahan, kagamitan at magkanong kapital ang gagamitin sa negosyo na mayroon ang samahan?

Mga Binabalak na Enterprise	Mga Kadahilanan, Maiksing Deskripsyon ng mga Kalakasan ng Samahan Tungkol sa Sumusunod			
	Available Raw Materials	Skills	Kapital	Kagamitan/ Makina
Vermicompost	Kailangang bumili ng mga uod	Pagsasanay sa teknolohiya upang mapabuti ang produksyon	Para sa pagpopondo	Shredder para sa iba't ibang uri ng mga organikong materyales tulad ng papel, dumi ng prutas at gulay, butil, coffee ground, at basura sa bakuran.

7. Magkano ang kinakailangan na pondo upang magawa ang sinasabing proyekto (isa=isahin at ipaliwanag.)

Target monthly volume of production

Vermicast-200 sacks/ 30 days @P300/sack/common
100 sacks/ 30days @P350/ sacks/ Class A

Gross Sales= P95, 000.00 / 30 days

A. Monthly working capital requirement:

Direct materials

Materials	Unit Costs	Quantity	Total Cost
Worms	750.00	20kl	15, 000.00
Substrate	10.00	300 sacks	3, 000. 00
Total			18, 000.00

Direct labor

Labor	Rate	Quantity	Total Cost
8 Laborers	200 per day/ 20 days	8	32, 000.00
Total			32, 000.00

Other direct costs

Position	Rate	Quantity	Total Cost
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Electricity (30 days)	1500	1	1500.00
Gasoline per generator (45 days)	70/91	90litter	6300.00
Total			7800.00
The monthly working capital requirement in 30-days is P57, 800.00			
Profitability analysis:			
Monthly Gross Sales			P95, 000.00
Monthly Production Cost			P57, 800.00
Monthly Net Income			P37, 200.00
Annual net income			P446, 400.00
1. Project Cost			
Mobile Equipment			420, 000.00
Working capital			57, 800.00
Contingency(maintenance) 5% of Total cost			23, 890.00
Total Investment			501, 690.00
Output	Expected Volume (45days)	Unit Price (P)	Total Sales (P)
RETURN OF INVESTMENT (ROI)			
Payback Period			
Total Investment		501, 690.00	1.12 years
Annual Net Income		446, 400.00	
Return of Investment:			
Annual net Income x100%		446, 400.00x 100%	88%
Total Investment		501, 690.00	
Equipment and other requirements	Item	Purpose	Amount
	1-set mobile unit Shredding machine	For the mobile mechanism	475, 000.00
Total			P475,000.00
C.BUDGETARY REQUIREMENTS			
		FUNDING SOURCE	
NEM	TOTAL COST	MCBFCMA	DA
A.Equipment Outlay mobile Processing Equipment and Utensils	475, 000.00		475, 000.00
B.Working Capital	350, 000.00	350, 000.00	
C.MOOE	418, 008.00		418, 008.00
TOTAL	943, 000.00	350, 000.00	893, 000.00
D.SCHEDULE OF ACTIVITIES			
Activity	1 st QUARTER	2 ND	3 RD

	Q1	Q2	Q3	Q4		
1. Proposal Preparation and Approval	X					
2. Purchase of equipment			X			
3. Installation of Equipment			X			
4. Training from supplier				X		
5. Operation of Vermicompost Center				X	X	X
6. Marketing and distribution				X	X	X
7. Monitoring and Evaluation					X	X
LINE-ITEM BUDGET						
DEPARTMENT OF AGRICULTURE						
Project Line-Item Budget						
Project Covered	January 2023-December 2023					
Project Title	MOBILE Merchandise of Vermiculture Production of Macatumbalen Community Based Forest and Coastal Mangt.					
Proponent	Association (MCBFMA) in San Vicente, Palawan, Macatumbalen Community Based Forest and Coastal Management Association (MCBFMA)					
					DENR-Funding	
					TOTAL	
					150, 000.00	
I.Miselaneous expenses						
Travel expenses					50, 000.00	
Supplies and Materials					40, 000.00	
Fuel, Oil, and Lubricants Expenses					28, 000.00	
Communication Expenses					50, 000.00	
Repairs and Maintenance					20, 000.00	
Representation Expenses					80, 000.00	
Rent/ Lease Expenses					P418, 000.00	
Total for ME						
					VALUE	
II. EQUIPMENT OUTLAY					P420, 000.00	
1	Unit Towable Biodegradable Shredder	16HP Diesel Engine Electrical Starter, 500kg cap, 3 inches diameter chipper, Inclusions: Training in Machine operation Delivery: So. Macatumbalen, Brgy. Poblacion, San Vicente, Palawan				
1	Unit Desktop Computer	(2.8GHZ, 8GB DDR4 memory, 1TB SATA Hard disk, Windows 10 Home SL 64-Bit, DVD-RW, Wifi/ Bluetooth, 2GB Dedicated VVideo card 24" monitor, integrated speaker Delivery: So. Macatumbalen, Brgy. Poblacio, San Vicente, Palawan; Inclusion: Keyboard and mouse)				P55, 000.00

Total of EO	P 475, 000.00
Grand Total	P893, 000.00

8. Paano makakatulong ang ninanais na proyekto sa buong komunidad?

Pinahuhusay ng vermicompost ang paglago ng halaman, pinipigilan ang sakit sa mga halaman, pinatataas ang porosity at aktibidad ng microbial sa lupa, at pinapabuti ang pagpapanatili ng tubig at aeration. Ang vermicompost ay nakikinabang din sa kapaligiran sa pamamagitan ng pagbabawas ng pangangailangan para sa mga kemikal na pataba at pagbabawas ng dami ng basurang napupunta sa mga landfill.

Ito ay nagsisilbing biofertilizers, nagpapanumbalik ng mga sustansya sa lupa, nagpapatatag ng lupa, at pinahuhusay ang pagkamayabong ng lupa sa pangmatagalang panahon.

Attachments:

- I. Kopya ng CBFM Agreement
- II. Kopya ng registration status
- III. Kopya ng updated/ affirmed CRMF o naprosesong CRMF at FYWP
- IV. Sertipikasyon mula sa supplier/ ahensya ng gobyerno ng presyo ng kinakailangan na equipment at ib a pang materyales.

Prepared and submitted by:

NIDA COLLADO
PO President

Assisted by:


GIOVANNI B. BALLARAN
CENRO CBFM Focal Person

**P.S. GLASS ALUMINUM
AND TRADING**
908. SAN VICENTE. PALAWAN
0956 8632089

Date 8/9/22

QUOTATION:

QTY	UNIT.	ITEM DESCRIPTION	UNIT PRICE	AMOUNT
1	DUAL	MULTI PURPOSE BIODAGRADABLE SHREDER/PLASTIC SINGLE SHAFT SHREDER W/ 9 ROTATING AND STATIONARY BLADES Capacity 200 kgs/hr. Dimention (L34xH50xW25) Double engine 30 hp 2 types of screen for different size to be use w/ equipment for loading raw materials.	755,000.00	755,000.00


WENNIE P. AMAYON

Package

QTY	UNIT.	ITEM DESCRIPTION	UNIT PRICE	AMOUNT
1	DUAL	MULTI PURPOSE BIODEGRADABLE SHREDER/PLASTIC SINGLE SHAFT SHREDER W/ 9 ROTATING AND STATIONARY BLADES Capacity 200 kgs/hr. Dimention (L34xH50xW25) Double engine 10 hp and 7 hp. 2 types of screen for different size to be use w/ equipment for loading raw materials.	420,000.	420,000.

LANDING CONSTRUCTIL
SUPPLIES AND TRADING
CEL #: 09078043925/09071186260
TIN: 457-618-341-001
DTI: 1090049

Amir
ESTIMADOR / A. CARLOS
OWNER

08/04/22



Republic of the Philippines
Department of Environment and Natural Resources

Region IV- MIMAROPA
COMMUNITY ENVIRONMENT AND NATURAL RESOURCES OFFICE

Barangay III (Poblacion), Roxas, Palawan
Contact No. 09171606578 / 09175028647

Email address: cenroroxaspalawan@denr.gov.ph

CERTIFICATE OF ACCEPTANCE

TO WHOM IT MAY CONCERN:

THIS IS TO CERTIFY that the planned activities provided for under the attached Memorandum of Agreement and Work and Financial Plan entered into by this Office represented by CENRO ROXAS and Macatumbalen Community- Based Forest and Coastal Management Association (MCBFCMA), represented by PO Chairman Nida A. Collado have been conducted by the PO and the work output as therein stated were likewise as of this date accepted by this Office.

It is therefore recommend that the corresponding payment of the services be immediately effected.

LORMELYN E. CLAUDIO, CESO IV
Regional Executive Director (RED)



Republic of the Philippines
Department of Environment and Natural Resources
Region IV- MIMAROPA
COMMUNITY ENVIRONMENT AND NATURAL RESOURCES OFFICE
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LORMELYN E. CLAUDIO, *CESO IV*
Regional Executive Director (RED)



Republic of the Philippines
Department of Environment and Natural Resources
Region IV- MIMAROPA
COMMUNITY ENVIRONMENT AND NATURAL RESOURCES OFFICE
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LORMELYN E. CLAUDIO, CESO IV
Regional Executive Director (RED)



Republic of the Philippines
Department of Environment and Natural Resources

Region IV- MIMAROPA
COMMUNITY ENVIRONMENT AND NATURAL RESOURCES OFFICE

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LORMELYN E. CLAUDIO, *CESO IV*
Regional Executive Director (RED)



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LORMELYN E. CLAUDIO, *CESO IV*
Regional Executive Director (RED)



Republic of the Philippines
Department of Environment and Natural Resources

Region IV- MIMAROPA
COMMUNITY ENVIRONMENT AND NATURAL RESOURCES OFFICE
Barangay III (Poblacion), Roxas, Palawan
Contact No. 09171606578 / 09175028647
Email address: cenroroxaspalawan@denr.gov.ph

NOTICE OF AWARD

**MACATUMBALEN COMMUNITY- BASED FOREST AND COASTAL
MANAGEMENT ASSOCIATION (MCBFCMA)**
SO. MACATUMBALEN, BRGY. POBLACION, SAN VICENTE, PALAWAN

**SUBJECT: PROVISIONS OF FUNDS FROM THE COMPREHENSIVE
AGRARIAN REFORM PROGRAM- PROGRAM BENEFICIARY
DEVELOPMENT (CARP-PBD) COMPONENT THROUGH THE
DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES
TO MACATUMBALEN COMMUNITY- BASED FOREST AND
COASTAL MANAGEMENT ASSOCIATION (MCBFCMA)**

Madam:

We are pleased to notify that you are hereby awarded as the contractor for the **Mobile mechanization of vermiculture production**, funded under CBFM- CARP with direct cost amounting to **Php 900, 000.00**.

You are therefore required, within ten (10) days from receipt of this Notice of Award, to formally enter into contract with us.

Failure to enter into the said contract within the prescribed period shall constitute a sufficient ground for cancellation of this award.

Very truly yours,

LORMELYN E. CLAUDIO, *CESO IV*
Regional Executive Director (RED)



Republic of the Philippines
Department of Environment and Natural Resources

Region IV- MIMAROPA
COMMUNITY ENVIRONMENT AND NATURAL RESOURCES OFFICE
Barangay III (Poblacion), Roxas, Palawan
Contact No. 09171606578 / 09175028647
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**MACATUMBALEN COMMUNITY- BASED FOREST AND COASTAL
MANAGEMENT ASSOCIATION (MCBFCMA)**
SO. MACATUMBALEN, BRGY. POBLACION, SAN VICENTE, PALAWAN

**SUBJECT: PROVISIONS OF FUNDS FROM THE COMPREHENSIVE
AGRARIAN REFORM PROGRAM- PROGRAM BENEFICIARY
DEVELOPMENT (CARP-PBD) COMPONENT THROUGH THE
DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES
TO MACATUMBALEN COMMUNITY- BASED FOREST AND
COASTAL MANAGEMENT ASSOCIATION (MCBFCMA)**

Madam:

We are pleased to notify that you are hereby awarded as the contractor for the **Mobile mechanization of vermiculture production**, funded under CBFM- CARP with direct cost amounting to **Php 900, 000.00**.

You are therefore required, within ten (10) days from receipt of this Notice of Award, to formally enter into contract with us.

Failure to enter into the said contract within the prescribed period shall constitute a sufficient ground for cancellation of this award.

Very truly yours,

LORMELYN E. CLAUDIO, CESO IV
Regional Executive Director (RED)



Republic of the Philippines
Department of Environment and Natural Resources

Region IV- MIMAROPA
COMMUNITY ENVIRONMENT AND NATURAL RESOURCES OFFICE
Barangay III (Poblacion), Roxas, Palawan
Contact No. 09171606578 / 09175028647
Email address: cenroroxaspalawan@denr.gov.ph

NOTICE OF AWARD

**MACATUMBALEN COMMUNITY- BASED FOREST AND COASTAL
MANAGEMENT ASSOCIATION (MCBFCMA)**
SO. MACATUMBALEN, BRGY. POBLACION, SAN VICENTE, PALAWAN

**SUBJECT: PROVISIONS OF FUNDS FROM THE COMPREHENSIVE
AGRARIAN REFORM PROGRAM- PROGRAM BENEFICIARY
DEVELOPMENT (CARP-PBD) COMPONENT THROUGH THE
DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES
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NOTICE TO PROCEED

Date

NIDA A. COLLADO

President

MACATUMBALEN COMMUNITY- BASED FOREST AND COASTAL
MANAGEMENT ASSOCIATION (MCBFCMA)

Sitio Macatumbalen, Barangay Poblacion, San Vicente, Palawan

Madam:

With reference to the CARP Project **Mobile mechanization of vermiculture production** entered into by and between the **Department of Environment and Natural Resources** and **your Cooperative**. You are hereby advised that you may now proceed with the works assigned upon in the said contract.

Thank you.

Very truly yours,

LORMELYN E. CLAUDIO, CESO IV
Regional Executive Director (RED)



Republic of the Philippines
Department of Environment and Natural Resources
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MEMORANDUM OF AGREEMENT

KNOW ALL MEN BY THESE PRESENTS:

This Memorandum of Agreement is made and entered into by and between:

The Department of Environment and Natural Resources Region 4-B with postal address at 1515 L&S Bldng. Roxas Blvd., Manila, Philippines represented by its **Regional Executive Director (RED), Lormelyn E. Claudio, CESO IV**, herein referred to as the DENR

-and-

The Caruray Agricultural Marketing Association (CAMA), with postal address at Brgy. Caruray, San Vicente, Palawan, Philippines representative by its President/Chairperson, Elsie L. Torres, herein referred to as the PO.

WITNESSETH:

WHEREAS, the DENR is implementing activities related to the implementation of Comprehensive Agrarian Reform Program (CARP) in the pursuit of contributing to the promotion of social justice through improvement of the of the Land Tenure System in the country and uplift the socio-economic condition of the Project Beneficiaries.

WHEREAS, one of the activities under DENR-CARP is the Program Beneficiary Development of the CBFM-CARP which include the development of livelihood/ enterprise activities to help improve the socio-economic well-being of farmer Beneficiaries.

WHEREAS, the CBFM Peoples Organizations shall be assisted to facilitate the establishment, implementation and operation of their selected livelihood/ enterprise activities.

WHEREAS, the livelihood/ enterprise proposal of the PO entitled "Rattan Plantation Development" with Work and Financial Plan (WFP) has been evaluated and approved by the DENR.

WHEREAS, the DENR and PO have agreed to implement the above-mentioned livelihood/ enterprise, the **PARTIES** hereto agree into this Memorandum of Agreement (MOA) under the following terms and conditions:

Section 1. Financial Assistance

1.1. Consistent with the provisions of the CBFM-CARP Project Implementation Guide and related issuances, the livelihood/ enterprise financial assistance with an approved amount of Eight Hundred Twenty-Eight Thousand Five Hundred Fifty Pesos (Php828, 550.00) will be released in tranches basis. Said allocation intends to serve as start-up capital for the establishment, implementation and operationalization of the PO's livelihood/ enterprise. However, the release of said financial assistance to the recipient PO will be based on their approved livelihood/ enterprise. Further, the funds for agroforestry component shall be released in tranches based on the CBFM-CARP Project Implementation Guide.



Section 2. Roles and Responsibilities

2.1. The DENR shall:

- 2.1.1. Allocate, obligate financial assistance to the recipient PO based on the total amount indicated in the approved WFP.
- 2.1.2. Provide the necessary technical guidance and capacity building/ trainings, to recipient PO to facilitate the effective implementation of the livelihood/ enterprise activities.
- 2.1.3. Conduct the Socio-economic and Environment Baseline (SEEB) based on the FMB Technical Bulletin No. 9.
- 2.1.4. Supervise, monitor and evaluate the livelihood/ enterprise accomplishments of the recipient PO based on the approved livelihood/ enterprise proposal and WFP.
- 2.1.5. Provide assistance and guidance in the procurement of equipment, tools, supplies and materials. Furthermore, they shall also conduct documentation and inspection of procured equipment, tools, supplies and materials for the livelihood enterprise.
- 2.1.6. Maintain and manage records/ files of livelihood/ enterprise documents and reports.
- 2.1.7. Provide assistance to the recipient PO for the sustainability of the livelihood/enterprise.

2.2. The PO shall:

- 2.2.1. Undertake and implement the livelihood/ enterprise “**Rattan Plantation Development**” activities stipulated in the approved proposal and WFP.
- 2.2.2. Open a separate Bank Account intended for the livelihood/ enterprise to be used as depository of funds including two (2) authorized signatories.
- 2.2.3. Prepare and submit to the concerned agencies the required permits and other necessary documents to start the livelihood/ enterprise.
- 2.2.4. Create a committee to be composed of PO members who are knowledgeable or directly involved in the livelihood/ enterprise activity.
- 2.2.5. Create a procurement committee within the Organization who will be in charge of procurement process of necessary equipment, tools, supplies, and materials for the livelihood/ enterprise under the supervision of the DENR.
- 2.2.6. The procured equipment, tools, supplies and materials shall be properly documented including geotagged photos and submitted to the DENR for inspection.
- 2.2.7. Implement the livelihood/ enterprise based on the approved project proposal and WFP.
- 2.2.8. Ensure the benefits derived from the livelihood/ enterprise will be shared both by the members and the organization through an agreed benefit-sharing mechanism/arrangement. The same shall be incorporated in their monthly/ quarterly reports



- 2.2.9. Undertake proper recording of livelihood/ enterprise activities and financial transactions and maintain and manage files of records and documentation of livelihood/ enterprise activities.
- 2.2.10. Prepare and submit monthly/ quarterly reports of physical and financial accomplishment to the DENR.
- 2.2.11. Formulate and implement internal policies supported by a PO Resolution on the:
- 2.2.11.1. Commitment of the recipient PO for the proper implementation and sustainability of the livelihood/ enterprise.
 - 2.2.11.2. Request for the release of financial assistance including required documents; and
 - 2.2.11.3. Benefit-sharing mechanism among the PO members and organization.
- 2.2.12. Submit the following reports:
- 2.2.12.1. Physical accomplishment and financial reports with supporting documents; and
 - 2.2.12.2. Final report accompanied with photo documentation for the livelihood/ enterprise activities funded by the Project.

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Any amendment to this Agreement shall be effected only on the basis of written mutual consent by this parties.

Section 4. Termination

The MOA may be terminated based on the following event of default on the part of the recipient **PO**:

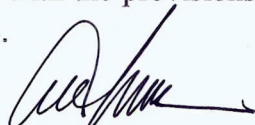
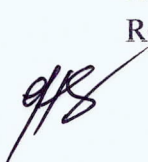
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- 4.4. Violation of, or failure to comply with the terms and conditions of the agreement and other Environment and Natural Resources and Regulations.

Section 5. Force Majeure

The occurrence of force majeure affecting the established livelihood/ enterprise shall be properly documented and reported by the recipient PO to DENR with geotagged photos and certification from the concerned Local Government Unit (LGU).

Section 6. Dispute Resolution

The parties shall endeavour to amicably settle all disputes, claims and controversies arising from the interpretation or implementation of this Agreement within a period of one (1) month. Should the parties fail to settle disputes, claims and controversies, the same shall be resolved in accordance with the provisions of Republic Act No. 9285 of the Alternative Dispute Resolution Act of 2004.



Section 7. Effectively

This Agreement shall take effect upon signing hereof and shall remain in force and effect unless terminated by mutual agreement, in writing, both parties.

IN WITNESS **HEREOF**, all parties have hereunto set their hands this _____ day of _____ 2023 at the DENR- **Palawan**.


ELSIE L. TORRES
President/ Chairman
PO Name

LORMELYN E. CLAUDIO, CESO IV
Regional Executive Director
DENR-MIMAROPA Region

Signed at the presence of:


PABLO L. CRUZ
CENRO

FELIZARDO B. CAYATOC
PENRO

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WHEREAS, the DENR is implementing activities related to the implementation of Comprehensive Agrarian Reform Program (CARP) in the pursuit of contributing to the promotion of social justice through improvement of the of the Land Tenure System in the country and uplift the socio-economic condition of the Project Beneficiaries.

WHEREAS, one of the activities under DENR-CARP is the Program Beneficiary Development of the CBFM-CARP which include the development of livelihood/ enterprise activities to help improve the socio-economic well-being of farmer Beneficiaries.

WHEREAS, the **CBFM Peoples Organizations** shall be assisted to facilitate the establishment, implementation and operation of their selected livelihood/ enterprise activities.

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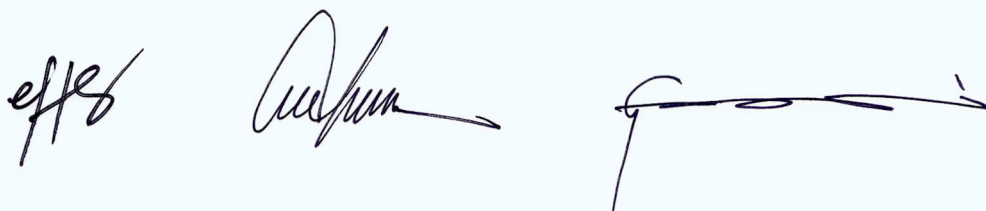
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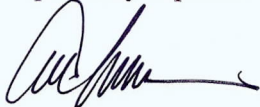
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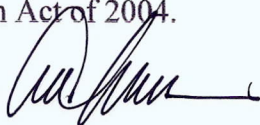
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ELSIE L. TORRES
President/ Chairman
PO Name

LORMELYN E. CLAUDIO, CESO IV
Regional Executive Director
DENR-MIMAROPA Region

Signed at the presence of:


PABLO L. CRUZ
CENRO


FELIZARDO B. CAYATOC
PENRO

CBFM UPLAND DEVELOPMENT PROGRAM
WORK AND FINANCIAL PLAN FOR CY 2023-2024

Project Title
Municipality/Province
Site/Barangays covered
Name of PO
Major Target
Total No. of Beneficiaries
CBFMA Total Area
CBFMA NO:

RATTAN PLANTATION DEVELOPMENT OF CARURAY AGRICULTURAL MARKETING ASSOCIATION (CAMA)
SAN VICENTE, PALAWAN
BRGY. CARURAY
CARURAY AGRICULTURAL MARKETING ASSOCIATION (CAMA)(formerly known as Caruray Multi-Purpose Cooperative)
30 HECTARES
Male= 75 Female= 30 Total= 105
4,470 HECTARES
RIV-PAL-CBFMA-2002-28

Sector:	Forest Management Sector (FMS) ACTIVITY	GOAL (hectare)	UWM	TOTAL TARGET	UNIT COST	TOTAL BUDGET				Total				
						CARP Fund		PO Counterpart	Region		Fund:	Fiscal Year:		
									MIMAROPA			2023 - 2024		
									QUARTERLY PHYSICAL WORK/TARGET					
							Q1	Q2	Q3	Q4				
I. PROJECT DIRECT INVESTMENT (80%)						828,550.00		355,000.00						
A. Seedling Production (produced plus 20% mortality)						675,000.00								
1. Forest Trees (plus 20% mortality allowance)														
1. Gmelina (4x5)						5	seedlings	3,000	10.00		1,000	2,000	3,000	
2. Rattan (4x5)						25	has	15,000	35.00		5,000.00	10,000.00	15,000.00	
3. Agri-Silvi Crop (intercropped between Rattan)														
2.1 Pineapple							suckers	8,000	15.00		8,000		8,000	
2.2 Papaya							seedlings	2,000	15.00		2,000		2,000	
2.3 Banana							suckers	2,000	20.00		2,000		2,000	
2.4 Cassava							cuttings	2,000	10.00		2,000		2,000	
B. Plantation Establishment														
1. Strip brushing, hole digging, hauling						30	hectares		6,500/ha					
2. Stake preparation								15,000		195,000.00		10,000	5,000.00	15,000
2.2 Gmelina							pcs	2,500	5.00			2,500		2,500
2.3 Rattan							pcs	12,500				7,500	5,000.00	12,500
3. Staking								15,000				5,000	5,000	10,000
4. Hole digging								15,000				5,000	5,000	10,000
5. Actual planting(ha)						30						20	10	30
C. Procurement of Fertilizers														
1. Organic Fertilizer							sacks	10	1,000.00			10		10

CBFM UPLAND DEVELOPMENT PROGRAM
WORK AND FINANCIAL PLAN FOR CY 2023-2024

Project Title
Municipality/Province
Site/Barangays covered
Name of PO
Major Target
Total No. of Beneficiaries
CBFMA Total Area
CBFMA NO:

RATTAN PLANTATION DEVELOPMENT OF CARURAY AGRICULTURAL MARKETING ASSOCIATION (CAMA)
SAN VICENTE, PALAWAN
BRGY. CARURAY
CARURAY AGRICULTURAL MARKETING ASSOCIATION (CAMA)(formerly known as Caruray Multi-Purpose Cooperative)
30 HECTARES
Male= 75 Female= 30 Total= 105
4,470 HECTARES
RIV-PAL-CBFMA-2002-28

Sector:	Forest Management Sector (FMS) ACTIVITY	GOAL (hectare)	UWM	TOTAL TARGET	UNIT COST	TOTAL BUDGET				Region MIMAROPA	Fund:	Fiscal Year: 2023 - 2024		
						CARP Fund	PO Counterpart	QUARTERLY PHYSICAL WORK/TARGET						
								Q1	Q2				Q3	Q4
2. Inorganic Fertilizer						71,050.00								
2.1 Urea						sacks	10	3,755.00				10		
2.2 Complete (14-14-14)						sacks	10	3,350.00			10	10		
D. Nursery Establishment and Operation														
1. Bunkhouse (7 x 8 meters)								60,000.00						
1.1 Sawah (7ft x 30 ft)						roll	5	1,700.00	8,500.00		5	5		
1.2 #1.5" Nail						kilo	4	92.25	369.00		4	4		
1.3 #2.5" Nail						kilo	3	93.00	279.00		3	3		
1.4 #3" Nail						kilo	3	94.25	282.75		3	3		
1.5 #4" Nail						kilo	3	94.75	284.25		3	3		
1.6 #6" Nail						kilo	3	95.00	285.00		3	3		
1.7 Lumber						bd. Ft.	1,500	26.00	39,000.00		1,500	1,500		
1.8 Yero (12feet)						pcs	22	500.00	11,000.00		22	22		
2. Nursery shed PO initiative									5,000.00					
3. Seedbeds PO initiative									5,000.00					
E. Maintenance and Protection of Established Plantations									150,000.00					
1st year						30	hectares	2,000.00		60,000.00				
- ring weeding, re-planting, patrol work														
2nd year						30	hectares	3,000.00		90,000.00				
- ring weeding, re-planting, patrol works														
- application of fertilizer														
- establishment and maintenance of fireline														

Signature

Signature

Signature

CBFM UPLAND DEVELOPMENT PROGRAM
WORK AND FINANCIAL PLAN FOR CY 2023-2024

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Sector:	Forest Management Sector (FMS) ACTIVITY	GOAL (hectare)	UWM	TOTAL TARGET	UNIT COST	TOTAL BUDGET		Region MIMAROPA	Fund:	Fiscal Year: 2023 - 2024						
						CARP Fund	PO Counterpart			QUARTERLY PHYSICAL WORK/TARGET						
								Q1	Q2	Q3	Q4	Total				
</																

Prepared by in Collaboration with the PO.

Reviewed by:

Attested by:

Recommending Approval:


ELSIWAL PORRES
PO Chairperson


DIOGENES A. ESQUERRA, JR.
CBFM DESK OFFICER


PABLO A. CRUZ
INCEPRO

MAXIMO C. LANDRITO
OIC Assistant Regional Director for Technical Services

Approved:


FELIZARDO B. CAYATOC
PENRO

LORMELYN E. CLAUDIO, CESO IV
Regional Executive Director

CBFM UPLAND DEVELOPMENT PROGRAM
WORK AND FINANCIAL PLAN FOR CY 2023-2024

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Sector:	Forest Management Sector (FMS) ACTIVITY	GOAL (hectare)	UWM	TOTAL TARGET	UNIT COST	TOTAL BUDGET				Total			
						CARP Fund	PO Counterpart	Region	Fund:		Fiscal Year:		
								MIMAROPA	QUARTERLY PHYSICAL WORK/TARGET				
									Q1		Q2	Q3	Q4
I. PROJECT DIRECT INVESTMENT (80%)						828,550.00	355,000.00						
A. Seedling Production (produced plus 20% mortality)						675,000.00							
1. Forest Trees (plus 20% mortality allowance)													
1. Gmelina (4x5)						5	seedlings	3,000	10.00		1,000	2,000	3,000
2. Rattan (4x5)						25	has	15,000	35.00		5,000.00	10,000.00	15,000.00
3. Agri-Silvi Crop (intercropped between Rattan)													
2.1 Pineapple							suckers	8,000	15.00		8,000		8,000
2.2 Papaya							seedlings	2,000	15.00		2,000		2,000
2.3 Banana							suckers	2,000	20.00		2,000		2,000
2.4 Cassava							cuttings	2,000	10.00		2,000		2,000
B. Plantation Establishment													
1. Strip brushing, hole digging, hauling						30	hectares		6,500/ha				
2. Stake preparation							pcs	15,000					
2.2 Gmelina							pcs	2,500	5.00				
2.3 Rattan							pcs	12,500					
3. Staking								15,000					
4. Hole digging								15,000					
5. Actual planting(ha.)						30							
C. Procurement of Fertilizers													
1. Organic Fertilizer							sacks	10	1,000.00				
								81,050.00	10,000.00			10	10

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CBFM UPLAND DEVELOPMENT PROGRAM
WORK AND FINANCIAL PLAN FOR CY 2023-2024

Project Title
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Sector:	Forest Management Sector (FMS) ACTIVITY	GOAL (hectare)	UWM	TOTAL TARGET	UNIT COST	TOTAL BUDGET				Fiscal Year: 2023 - 2024			
						CARP Fund		PO Counterpart	Region		Fund:	Total	
						MIMAROPA	QUARTERLY PHYSICAL WORK/TARGET		Total				
											Q1		Q2
2. Inorganic Fertilizer													
	2.1 Urea		sacks	10	3,755.00	71,050.00				10			10
	2.2 Complete (14-14-14)		sacks	10	3,350.00	33,500.00				10			10
D. Nursery Establishment and Operation													
	1. Bunkhouse (7 x 8 meters)												
	1.1 Sawali (7ft x 30 ft)		roll	5	1,700.00	60,000.00				5			5
	1.2 #1.5" Nail		kilo	4	92.25	8,500.00				4			4
	1.3 #2.5" Nail		kilo	3	93.00	369.00				3			3
	1.4 #3" Nail		kilo	3	94.25	279.00				3			3
	1.5 #4" Nail		kilo	3	94.75	282.75				3			3
	1.6 #6" Nail		kilo	3	94.75	284.25				3			3
	1.7 Lumber		bd. Ft	3	95.00	285.00				3			3
	1.8 Yero (12feet)		bd. Ft	1,500	26.00	39,000.00				1,500			1,500
			pcs	22	500.00	11,000.00				22			22
	2. Nursery shed PO initiative												
	3. Seedbeds PO initiative												
E. Maintenance and Protection of Established Plantations													
1st year													
		30	hectares		2,000.00					60,000.00			
- ring weeding, re-planting, patrol work													
2nd year													
		30	hectares		3,000.00					90,000.00			
- ring weeding, re-planting, patrol works													
- application of fertilizer													
- establishment and maintenance of fireline													

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CBFM UPLAND DEVELOPMENT PROGRAM
WORK AND FINANCIAL PLAN FOR CY 2023-2024

Project Title
Municipality/Province
Site/Barangays covered
Name of PO
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CBFMA Total Area
CBFMA NO:

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4,470 HECTARES
RIV-PAL-CBFMA-2002-28

Sector:	Forest Management Sector (FMS) ACTIVITY	GOAL (hectare)	UWM	TOTAL TARGET	UNIT COST	TOTAL BUDGET		Region	Fund:	Fiscal Year:				Total
						CARP Fund	PO Counterpart	MIMAROPA	QUARTERLY PHYSICAL WORK/TARGET	Q1	Q2	Q3	Q4	
	DIRECT COST					828,550.00								
	EXTENSION SERVICES + SEEB (10%)					103,725.00								
	PROJECT MONITORING AND SUPERVISION (10%)					103,725.00								
	TOTAL OPERATIONAL COST					1,036,000.00	355,000.00							

Prepared by in Collaboration with the PO:

Reviewed by:

Attested by:

Recommending Approval:


ELSIE L. FORRES
PO/Chairperson


DIOGENES A. ESQUILLO, JR.
CBFM DESK OFFICER


PABLO A. CRUZ
ACEMRO

MAXIMO C. LANDRITO
OIC Assistant Regional Director for Technical Services

Approved:


FELIZARDO B. CAYATOC
PENRO

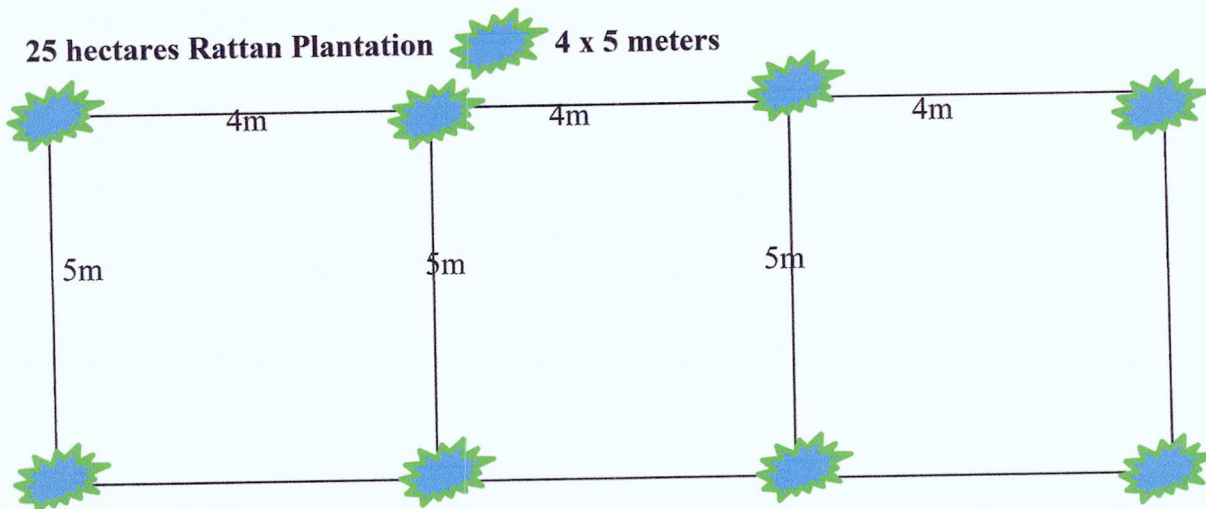
LORMELYN E. CLAUDIO, CESO IV
Regional Executive Director



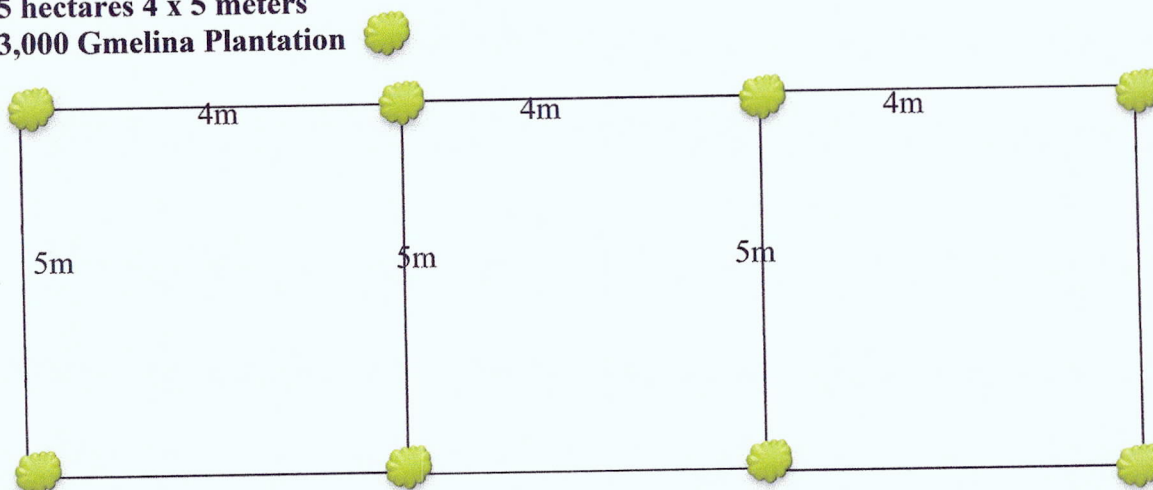
Caruray Multi-Purpose Association, Inc. (CAMA) 30 hectares Target Area

Plant Spacing

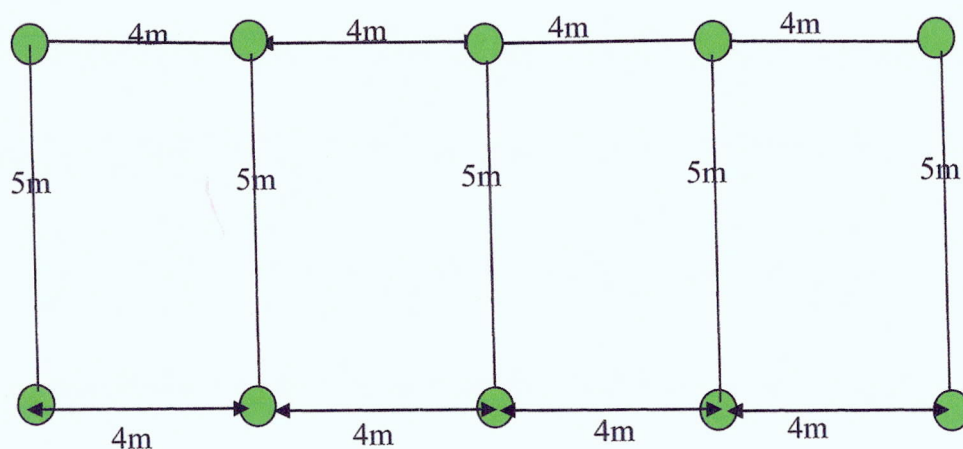
25 hectares Rattan Plantation 4 x 5 meters



**5 hectares 4 x 5 meters
3,000 Gmelina Plantation**

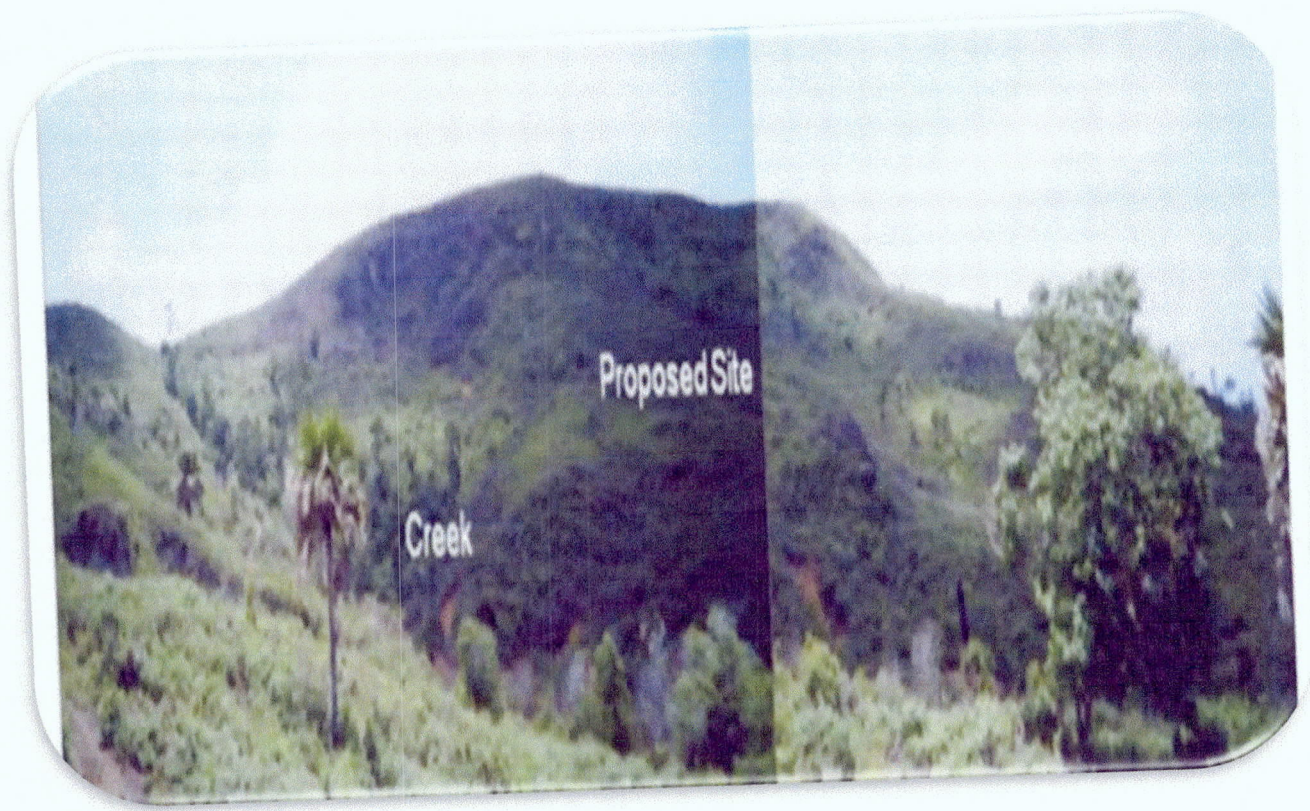


Agri-Silvi Crop (intercropped)

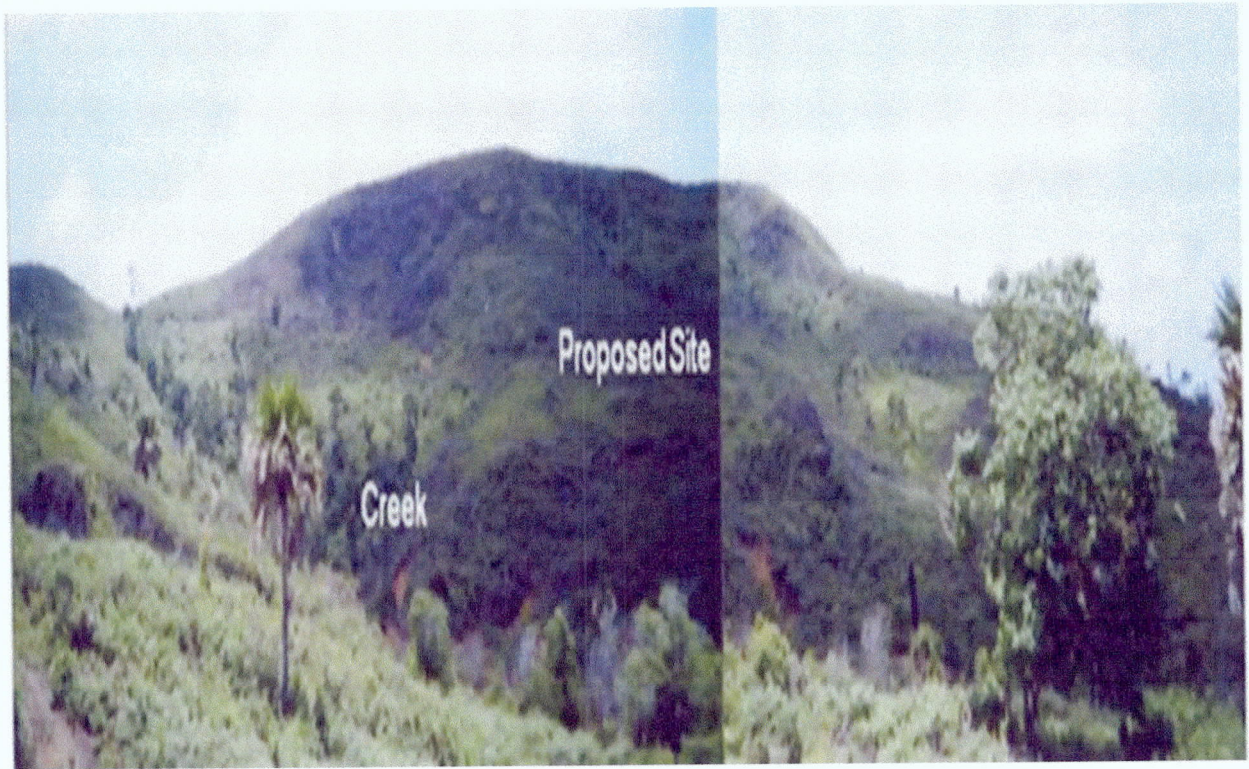


.5x.5m Pineapple
4x 5m Papaya
4x 5m Banana
.5x.5m Cassava

2,000 suckers Pineapple
2,000 seedlings Papaya
2,000 suckers Banana
2,000 Cuttings Cassava



Proposed site



Proposed site



Proposed Rattan Plantation Site

A CAPSULE PROPOSAL			
Project Title		Rattan Plantation and Logistics Project of Caruray Agricultural Marketing Association (CAMA)	
Proponent PO		Caruray Agricultural Marketing Association (CAMA)	
I. BASIC INFORMATION			
A. PEOPLE'S ORGANIZATION			
Name of PO President: Elsie T. Torres			
Contact Address: Purok Bagong Sigla, New Site, Bgy. Caruray, San Vicente, Palawan, 5309			
Registered to (What Agency)? DOLE		Year Registered May 17, 2017	
Current Total Membership Male: <u>75</u> Female: <u>30</u> Total: <u>105</u>		No. of Active Members: 105	
Expertise Capacity (Pls. tick)		Information Details and Level of Expertise	
(/) Agroforestry Development		Experienced level of expertise in Kape, Kasoy, Rambutan, Lansones, Kalamansi, Cacao, Rattan, Kawayan, Bayog	
(/) Tree Plantation Development (Indicate Species)		Experienced level of expertise in Falcata, Gmelina, Mangium, Mahogany, Agarwood	
(/) Nursery Management		Experienced level of expertise in Agarwood, Cacao	
(/) Financial Management/ Bookkeeping		Skillful level of expertise in Bookkeeping	
(/) Livelihood Development (Specify)		Experienced level or expertise in Farming(Upland, Lowland) Carpentry/ Skilled construction, livestock, Furniture making	
(/) Asexual Plant Propagation		Experienced level of expertise in Marcotting	
(/) Others pls Specify		Expert level of expertise in Nursery establishment, Gardening, Boho and Rattan harvesting	
B. CBFM AREA PROFILE			
Area of CBFM		<u>4,470</u> Hectares	Location (Brgy./Mun./Prov.) Caruray, San Vicente, Palawan
a. Existing Resources			
Type/ Specify Dominant Species		Estimate Area (has)	Major Crops/ Species
Agroforestry (Rattan)		25 has	Rattan/ Kalape, Bugtong, Palasan, Labsikan, Pimpin
Forest Trees		5 has	Gmelina
Others Specify:			
Construction of Bunkhouse		7m x 8m total 56Sq. m.	
Major Existing Livelihood/IGPs			
Almaciga gathering, Agroforestry			
Livelihood		Product line	
Almaciga/ Honey gathering		transport/marketing	
Bamboo		Bamboo poles/ split/ bamboo shoot	BBQ stick/Bananacue stick
Pawid making		Roofing	
Sawali making		Room partition, wall, partition	
II. DESCRIPTION OF THE PROPOSED PROJECT			

Total Project Cost:		Number of Direct Beneficiaries	
Php <u>1,036, 000.00</u>		<u>105</u> Individual Member	<u>45</u> Equivalent Household

Objectives

1. Establish a 70m x 70m nursery and produce 15,000 good quality products of rattan which will be used in other rattan products.			
2. To make the residents/ PO members appreciate more the importance of minor forest products.			
3. To provide employment for community residents (PO members & IPs) during the project period.			

PROJECT COMPONENTS	SPECIES	AREA/ QUANTITY
Rattan plantation	Kalape, Bugtong, Palasan, Labsikan, Pimpin	25 has /15,000 Seedlings
Gmelina Plantation	Gmelina aborea	5 has/ 3000 Seedlings
Intercropped	Pineapple	2000 suckers
	Papaya	2000 seedlings
	Banana	2000 suckers
	Cassava	2000 cuttings

III. DETAILS OF THE PROPOSED PROJECT

a. Agroforestry/ Plantation

Type/ Design		Species Mix	Suggested Spacing by Species
Rattan Plantation	1 ha=1 0,000sqm	Kalape, Bugtong, Palasan, Labsikan, Pimpin	4m x 5m
Gmelina Plantation		Gmelina aborea	4m x 5m
Intercropped		Pineapple	.5m x .5m
		Papaya	4m x 5m
		Banana	4m x 5m
		Cassava	.5m x .5m

b. Possible Sources of Material Inputs and Planting Stocks

Materials/ Inputs		Possible Sources	
Construction of Nursery	Uprooted and felled trees damaged by Typhoon Odette w/ approved permit	Bamboo split from their planted Kawayan, Bayog, or felled/ uprooted Coconut damaged by Typhoon Odette	
String	naturally grown Rattan	Siksik/Panlis	
Roofing materials	coconut leaves	nipa leaves	

Fertilize soil	humus from compost pile/ bin/pit	manure of their livestock
Planting stake (tulos)	Boho stake (tulos)	Bamboo stake (tulos)
Planting stocks	Rattan wildlings w/in mother tree	Planting stocks from those that were swept away by the flood at the lower part of the mountain
Others (pls specify)		
Fence	Naturally grown boho/ Bamboo	
Post	Planted Bayog at river banks	

IV. IMPLEMENTATION ARRANGEMENT

Component Activity		Implementation Arrangement/ System Between the PO and the Member	
NURSERY PREPARATION AND ESTABLISHMENT	Site preparation	Preparation of the nursery will be conducted during the 1 st quarter of the project duration. The area will be cleaned; weeds and grasses will be removed. The soil must be tilled so that the roots of the unnecessary grasses will not grow again.	PO Counterpart
	Fencing	The fence of the nursery will be made of barbed/hog wire and bamboo as a post. It will be metered high. It is for the protection of the nursery to avoid stray animals that may inhibit destruction.	PO Counterpart
	Water system	The water supply of the nursery will be connected to the River near the project site /or water harvesting. There will be a water pump to be established at the river edge to maintain enough supply of water in the nursery and plantation. There will be a hose which will be the connection from the river plantation.	PO Counterpart
	Potbeds and	There will be 18 plots to	PO Counterpart

	Seedbeds	be established. The seedbeds and pot beds will have a dimension of 1 meter by 1 meter and 1 meter by 20 meters respectively. These pot beds will be made up of slashed bamboos to avoid misalignment of the seeds pots. This will make the seed pots firm and compact as well.	
NURSERY ESTABLISHMENT	POTTING	The potting media that will be used will be garden soil and rice hull. Rice hull will use as organic fertilizer for less expense. The potting media will be mixed proportionally for the good germination of the seed of Rattan. The size of the polyethylene will be using 4" x 6"	PO Counterpart
	SHADING	After the establishment of the seedbeds, the shade will immediately be established. The shade will be made up of a mess/nylon net. The shade will serve as protection of the germinating seed from the direct heat of the plantation and fence the nursery to protect plants from intruders and stray animals.	PO Counterpart
POTTING AREA	The preparation and mixing of the media will be done in this area. And here the potting will be done		
	NURSERY CARE AND MAINTENANCE		

	FERTILIZER APPLICATION	Apply foliar fertilizers as recommended one (1) to two (2) months after potting to ensure healthy seedlings and to boost their growth.	Designate members
	PEST CONTROL	Applying pesticides on the seedling will be from 3 rd month until the seedling will be hardened because in that season the seedlings are highly susceptible to diseases. We cannot avoid that there are pests or diseases that can attack the seedlings.	Designate skilled members
	WATERING	The watering of the germinants will be every morning afternoon every day. The water pump will be open when it is needed.	Scheduling scheme
	WEEDING	The weeding will be three times a week because there are still unnecessary weeds and grasses that are growing around the germinants. This will avoid the competition of nutrients between the germinants and weeds. It will be done throughout the project duration.	PO Counterpart
	HARDENING OFF	During the hardening process, nets will be removed in the nursery to expose the seedlings to a greater amount of sunlight to be acclimatized and hardened to prepare seedlings for the planting season.	PO Counterpart
	SOWING	Rattan should be sown from 3-5 cm	PO Counterpart

		and 5-10 cm apart in the seedbeds for the small and big seeds, respectively, pushing each seed slightly below the soil surface. The sown seedbeds should be watered thoroughly and covered with 1-2 cm seasoned sawdust or coconut husk to help retain moisture and prevent seeds from becoming exposed to splashing during watering or heavy rains.	
PLANTATION MANAGEMENT	PLANTING PLAN	The project period is 2 years starting from the 1 st quarter of the opening year. These include the 3 to 4 months of seedling production during the 1 st and 2 nd quarter followed by transplanting activity, care and maintenance, and hardening in the 3 rd and 4 th quarters.	PO Counterpart
	SITE PREPARATION	Clear the strip about 1 meter wide and plant at a distance of 4m x 4m use available materials as stakes. Dig the holes in every stake. These should be wide enough to fit the planting stock with about one foot to 30 cm depth. Separated the topsoil from the sub soil.	PO Counterpart
	TRANSPLANTING	Place the seedlings in a box and transport them to the planting area Place the seedlings temporarily in the middle of the planting areas for easy access. Remove the plastic bag of the seedling without breaking the ball of the soil around the soil and then put the seedling in	PO Counterpart

		<p>the hole with its root collar at level with the ground surface. Pulverize the top and subsoil separately. Put the topsoil first to provide the basic nutrients needed for its growth. Following it with the subsoil Fertilization application is necessary for the first three years. The seedling appears not to respond to fertilizer after this period. During the first year, rattan seedlings respond to nitrogen. Generally, all plants require potassium for the development of the stem press gently.</p>	
	FERTILIZATION	<p>Fertilization application is necessary for the first three years. The seedling appears not to respond to fertilizer after this period. During the first year, rattan seedlings respond to nitrogen. Generally, all plants require potassium for the development of the stem.</p>	Assigned skilled
	MULCHING	<p>Mulching is beneficial to the early growth of rattan seedlings. Mulching may be necessary for areas with a pronounced dry season and should be done prior to the dry season to conserve soil moisture around the rattan seedling.</p>	PO Counterpart
	WEEDING	<p>Pathway, borders, and planting lines need to be cleaned frequently during the first three years. When the rattan plants have established themselves and started to climb it is not necessary to clean the planting line.</p>	PO Counterpart

		However, the pathway and the baseline need to be cleaned once a year.	
	THINNING THE TREE CROWN	Thinning of tree crowns should be done at the latest before the second year. The operation involves selective tree felling or poisoning and the pruning of some big tree branches until about 50% overhead light is received by the rattan seedlings. During felling and pruning, care must be exercised to avoid damage to the young seedlings.	PO Counterpart
	PEST AND DISEASES CONTROL	Very little control of rattan pests has been necessary for the existing plantation experience. However, this does not mean that no serious pest problems will ever occur and so knowledge of potential pest problems is essential in the event that pest outbreaks occur. Application of insecticides may be necessary when the rattan plants are young if crickets, grasshoppers, mites, or termites are suspected to be a problem. The base of the plants can be sprayed with malathion (0.7 grams of active ingredients per liter of water).	Assigned skilled
Others (pls specify)			
BUNKHOUSE	Bunkhouse is a great help for the process of planning		

	and executing the efficient transportation and storage of Rattan seedlings, Forest trees and other Agri crops from CBFM CARP Project from the point of origin to the point of plantation. The goal of Bunkhouse is to meet project requirements in a timely, cost-effective manner.		
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PROPOSED SHARING SCHEME ON THE BENEFITS BETWEEN THE PO AND THE MEMBER BENEFICIARIES

Item		Sharing/ Payback Scheme	
Seedlings	Primary beneficiary POs members, Secondary beneficiaries IPs	Payment for seedling/ PO	P35/ seedling
Planting	Members/ IPs	Wages/ Seedlings	P300/ day
Maintenance	Members	PO Counterpart	Schedule per members
Calamity Donation	Primary Members Secondary beneficiaries IPs	Groceries/ food packs	Contingencies
Other livelihoods (pls specify)	Rattan Almaciga gathering & Honey	Sawali making, pawid (Coconut/ nipa leaves)	Banancue stick/ Barbeque stick

V. FUND MANAGEMENT

Who will handle the procurement of project materials/ inputs needed?, etc.

: Treasurer, Project Manager, and PO Chairman

Overall Fund Management:

: All Officers

VI. ATTACHMENTS

Project Proposal, Cost estimate, layout, Planting Design and Work and Financial Plan

Prepared by

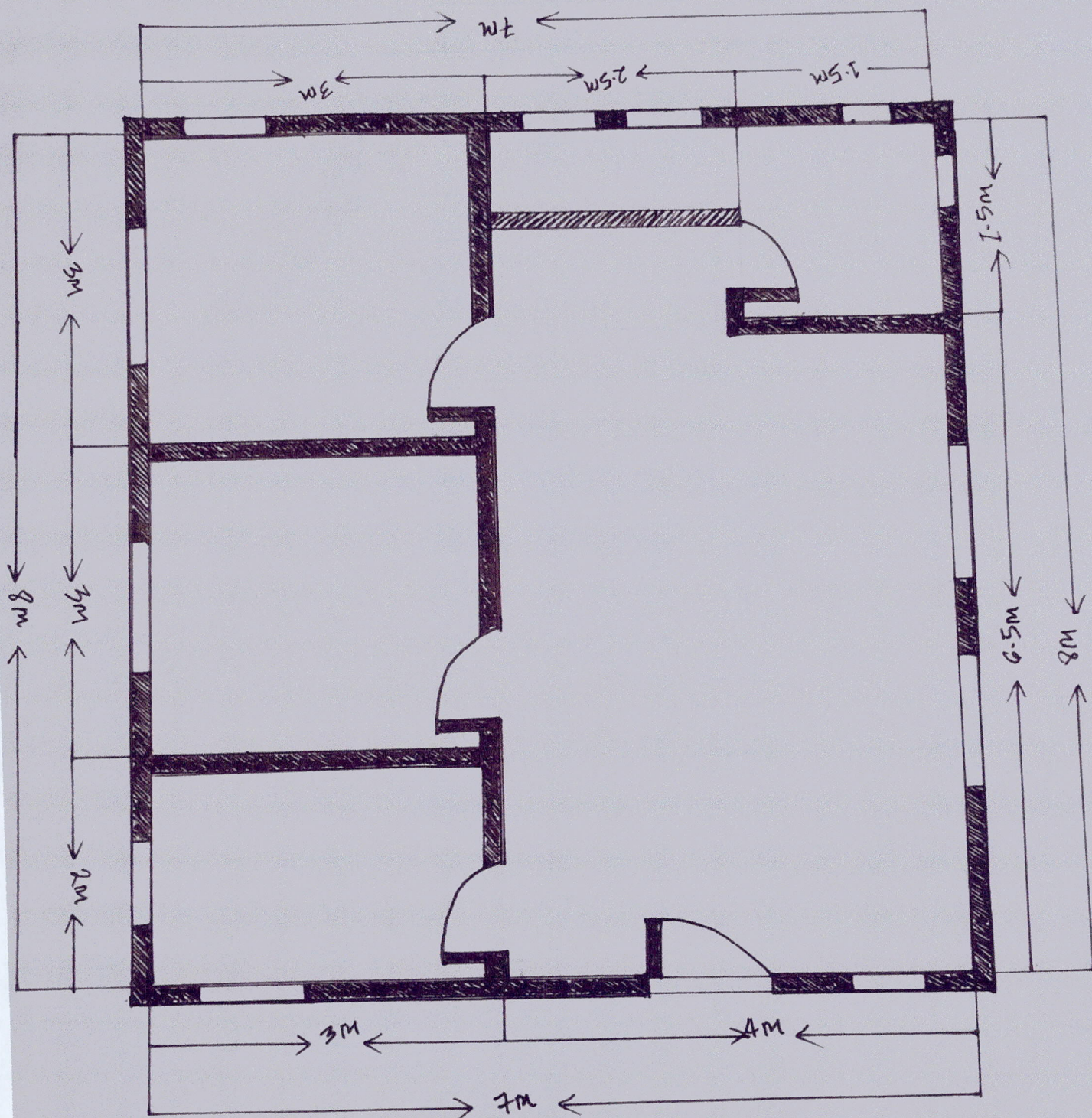

GIOVANNI B. BALLARAN

CENRO-ROXAS, Assistant CBFM

Conforme:


ELSIE L. TORRES

PO Chairman/ Representative



A CAPSULE PROPOSAL			
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Proponent PO		Caruray Agricultural Marketing Association (CAMA)	
I. BASIC INFORMATION			
A. PEOPLE'S ORGANIZATION			
Name of PO President: Elsie T. Torres			
Contact Address: Purok Bagong Sigla, New Site, Bgy. Caruray, San Vicente, Palawan, 5309			
Registered to (What Agency)? DOLE		Year Registered May 17, 2017	
Current Total Membership Male: <u>75</u> Female: <u>30</u> Total: <u>105</u>		No. of Active Members: 105	
Expertise Capacity (Pls. tick)		Information Details and Level of Expertise	
(/) Agroforestry Development		Experienced level of expertise in Kape, Kasoy, Rambutan, Lansones, Kalamansi, Cacao, Rattan, Kawayan, Bayog	
(/) Tree Plantation Development (Indicate Species)		Experienced level of expertise in Falcata, Gmelina, Mangium, Mahogany, Agarwood	
(/) Nursery Management		Experienced level of expertise in Agarwood, Cacao	
(/) Financial Management/ Bookkeeping		Skillful level of expertise in Bookkeeping	
(/) Livelihood Development (Specify)		Experienced level or expertise in Farming(Upland, Lowland) Carpentry/ Skilled construction, livestock, Furniture making	
(/) Asexual Plant Propagation		Experienced level of expertise in Marcotting	
(/) Others pls Specify		Expert level of expertise in Nursery establishment, Gardening, Boho and Rattan harvesting	
B. CBFM AREA PROFILE			
Area of CBFM		<u>4,470</u> Hectares	Location (Brgy./Mun./Prov.) Caruray, San Vicente, Palawan
a. Existing Resources			
Type/ Specify Dominant Species		Estimate Area (has)	Major Crops/ Species
Agroforestry (Rattan)		25 has	Rattan/ Kalape, Bugtong, Palasan, Labsikan, Pimpin
Forest Trees		5 has	Gmelina
Others Specify:			
Construction of Bunkhouse		7m x 8m total 56Sq. m.	
Major Existing Livelihood/IGPs			
Almaciga gathering, Agroforestry			
Livelihood		Product line	
Almaciga/ Honey gathering		transport/marketing	
Bamboo		Bamboo poles/ split/ bamboo shoot	BBQ stick/Bananacue stick
Pawid making		Roofing	
Sawali making		Room partition, wall, partition	
II. DESCRIPTION OF THE PROPOSED PROJECT			

Total Project Cost:		Number of Direct Beneficiaries	
Php <u>1,036, 000.00</u>		<u>105</u> Individual Member	<u>45</u> Equivalent Household
Objectives			
1. Establish a 70m x 70m nursery and produce 15,000 good quality products of rattan which will be used in other rattan products.			
2. To make the residents/ PO members appreciate more the importance of minor forest products.			
3. To provide employment for community residents (PO members & IPs) during the project period.			
PROJECT COMPONENTS		SPECIES	AREA/ 5QUANTITY
Rattan plantation		Kalape, Bugtong, Palasan, Labsikan, Pimpin	25 has /15,000 Seedlings
Gmelina Plantation		Gmelina aborea	5 has/ 3000 Seedlings
Intercropped		Pineapple	2000 suckers
		Papaya	2000 seedlings
		Banana	2000 suckers
		Cassava	2000 cuttings
III. DETAILS OF THE PROPOSED PROJECT			
a. Agroforestry/ Plantation			
Type/ Design		Species Mix	Suggested Spacing by Species
Rattan Plantation	1 ha=1 0,000sqm	Kalape, Bugtong, Palasan, Labsikan, Pimpin	4m x 5m
Gmelina Plantation		Gmelina aborea	4m x 5m
Intercropped		Pineapple	.5m x .5m
		Papaya	4m x 5m
		Banana	4m x 5m
		Cassava	.5m x .5m
b. Possible Sources of Material Inputs and Planting Stocks			
Materials/ Inputs		Possible Sources	
Construction of Nursery		Uprooted and felled trees damaged by Typhoon Odette w/ approved permit	Bamboo split from their planted Kawayan, Bayog, or felled/ uprooted Coconut damaged by Typhoon Odette
String		naturally grown Rattan	Siksik/Panlis
Roofing materials		coconut leaves	nipa leaves

Fertilize soil	humus from compost pile/ bin/pit	manure of their livestock
Planting stake (tulos)	Boho stake (tulos)	Bamboo stake (tulos)
Planting stocks	Rattan wildlings w/in mother tree	Planting stocks from those that were swept away by the flood at the lower part of the mountain
Others (pls specify)		
Fence	Naturally grown boho/ Bamboo	
Post	Planted Bayog at river banks	

IV. IMPLEMENTATION ARRANGEMENT

Component Activity		Implementation Arrangement/ System Between the PO and the Member	
NURSERY PREPARATION AND ESTABLISHMENT	Site preparation	Preparation of the nursery will be conducted during the 1 st quarter of the project duration. The area will be cleaned; weeds and grasses will be removed. The soil must be tilled so that the roots of the unnecessary grasses will not grow again.	PO Counterpart
	Fencing	The fence of the nursery will be made of barbed/hog wire and bamboo as a post. It will be metered high. It is for the protection of the nursery to avoid stray animals that may inhibit destruction.	PO Counterpart
	Water system	The water supply of the nursery will be connected to the River near the project site /or water harvesting. There will be a water pump to be established at the river edge to maintain enough supply of water in the nursery and plantation. There will be a hose which will be the connection from the river plantation.	PO Counterpart
	Potbeds and	There will be 18 plots to	PO Counterpart

	Seedbeds	be established. The seedbeds and pot beds will have a dimension of 1 meter by 1 meter and 1 meter by 20 meters respectively. These pot beds will be made up of slashed bamboos to avoid misalignment of the seeds pots. This will make the seed pots firm and compact as well.	
NURSERY ESTABLISHMENT	POTTING	The potting media that will be used will be garden soil and rice hull. Rice hull will use as organic fertilizer for less expense. The potting media will be mixed proportionally for the good germination of the seed of Rattan. The size of the polyethylene will be using 4" x 6"	PO Counterpart
	SHADING	After the establishment of the seedbeds, the shade will immediately be established. The shade will be made up of a mess/nylon net. The shade will serve as protection of the germinating seed from the direct heat of the plantation and fence the nursery to protect plants from intruders and stray animals.	PO Counterpart
POTTING AREA	The preparation and mixing of the media will be done in this area. And here the potting will be done		
	NURSERY CARE AND MAINTENANCE		

	FERTILIZER APPLICATION	Apply foliar fertilizers as recommended one (1) to two (2) months after potting to ensure healthy seedlings and to boost their growth.	Designate members
	PEST CONTROL	Applying pesticides on the seedling will be from 3 rd month until the seedling will be hardened because in that season the seedlings are highly susceptible to diseases. We cannot avoid that there are pests or diseases that can attack the seedlings.	Designate skilled members
	WATERING	The watering of the germinants will be every morning afternoon every day. The water pump will be open when it is needed.	Scheduling scheme
	WEEDING	The weeding will be three times a week because there are still unnecessary weeds and grasses that are growing around the germinants. This will avoid the competition of nutrients between the germinants and weeds. It will be done throughout the project duration.	PO Counterpart
	HARDENING OFF	During the hardening process, nets will be removed in the nursery to expose the seedlings to a greater amount of sunlight to be acclimatized and hardened to prepare seedlings for the planting season.	PO Counterpart
	SOWING	Rattan should be sown from 3-5 cm	PO Counterpart

		and 5-10 cm apart in the seedbeds for the small and big seeds, respectively, pushing each seed slightly below the soil surface. The sown seedbeds should be watered thoroughly and covered with 1-2 cm seasoned sawdust or coconut husk to help retain moisture and prevent seeds from becoming exposed to splashing during watering or heavy rains.	
PLANTATION MANAGEMENT	PLANTING PLAN	The project period is 2 years starting from the 1 st quarter of the opening year. These include the 3 to 4 months of seedling production during the 1 st and 2 nd quarter followed by transplanting activity, care and maintenance, and hardening in the 3 rd and 4 th quarters.	PO Counterpart
	SITE PREPARATION	Clear the strip about 1 meter wide and plant at a distance of 4m x 4m use available materials as stakes. Dig the holes in every stake. These should be wide enough to fit the planting stock with about one foot to 30 cm depth. Separated the topsoil from the sub soil.	PO Counterpart
	TRANSPLANTING	Place the seedlings in a box and transport them to the planting area Place the seedlings temporarily in the middle of the planting areas for easy access. Remove the plastic bag of the seedling without breaking the ball of the soil around the soil and then put the seedling in	PO Counterpart

		<p>the hole with its root collar at level with the ground surface. Pulverize the top and subsoil separately. Put the topsoil first to provide the basic nutrients needed for its growth. Following it with the subsoil Fertilization application is necessary for the first three years. The seedling appears not to respond to fertilizer after this period. During the first year, rattan seedlings respond to nitrogen. Generally, all plants require potassium for the development of the stem press gently.</p>	
	FERTILIZATION	<p>Fertilization application is necessary for the first three years. The seedling appears not to respond to fertilizer after this period. During the first year, rattan seedlings respond to nitrogen. Generally, all plants require potassium for the development of the stem.</p>	Assigned skilled
	MULCHING	<p>Mulching is beneficial to the early growth of rattan seedlings. Mulching may be necessary for areas with a pronounced dry season and should be done prior to the dry season to conserve soil moisture around the rattan seedling.</p>	PO Counterpart
	WEEDING	<p>Pathway, borders, and planting lines need to be cleaned frequently during the first three years. When the rattan plants have established themselves and started to climb it is not necessary to clean the planting line.</p>	PO Counterpart

		However, the pathway and the baseline need to be cleaned once a year.	
	THINNING THE TREE CROWN	Thinning of tree crowns should be done at the latest before the second year. The operation involves selective tree felling or poisoning and the pruning of some big tree branches until about 50% overhead light is received by the rattan seedlings. During felling and pruning, care must be exercised to avoid damage to the young seedlings.	PO Counterpart
	PEST AND DISEASES CONTROL	Very little control of rattan pests has been necessary for the existing plantation experience. However, this does not mean that no serious pest problems will ever occur and so knowledge of potential pest problems is essential in the event that pest outbreaks occur. Application of insecticides may be necessary when the rattan plants are young if crickets, grasshoppers, mites, or termites are suspected to be a problem. The base of the plants can be sprayed with malathion (0.7 grams of active ingredients per liter of water).	Assigned skilled
Others (pls specify)			
BUNKHOUSE	Bunkhouse is a great help for the process of planning		

	and executing the efficient transportation and storage of Rattan seedlings, Forest trees and other Agri crops from CBFM CARP Project from the point of origin to the point of plantation. The goal of Bunkhouse is to meet project requirements in a timely, cost-effective manner.		
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PROPOSED SHARING SCHEME ON THE BENEFITS BETWEEN THE PO AND THE MEMBER BENEFICIARIES

Item		Sharing/ Payback Scheme	
Seedlings	Primary beneficiary POs members, Secondary beneficiaries IPs	Payment for seedling/ PO	P35/ seedling
Planting	Members/ IPs	Wages/ Seedlings	P300/ day
Maintenance	Members	PO Counterpart	Schedule per members
Calamity Donation	Primary Members Secondary beneficiaries IPs	Groceries/ food packs	Contingencies
Other livelihoods (pls specify)	Rattan Almaciga gathering & Honey	Sawali making, pawid (Coconut/ nipa leaves)	Banancue stick/ Barbeque stick

V. FUND MANAGEMENT

Who will handle the procurement of project materials/ inputs needed?, etc.

: Treasurer, Project Manager, and PO Chairman

Overall Fund Management:

: All Officers

VI. ATTACHMENTS

Project Proposal, Cost estimate, layout, Planting Design and Work and Financial Plan

Prepared by


GIOVANNI B. BALLARAN
CENRO-ROXAS, Assistant CBFM

Conforme:


ELSIE L. TORRES
PO Chairman/ Representative



Figure 1. The geotagged photo shows the proposed Bunkhouse construction (7x8) meters for CBFM-CARP 2023 Rattan Plantation and Development.



Figure 2. The geotagged photo shows the proposed Nursery site for Rattan and Gmelina for CBFM-CARP 2023 Rattan Plantation and Development.



Figure 3. The geotagged photo shows the proposed site for 5 hectares Gmelina plantation enter crop with Agri crops for CBFM-CARP 2023 Rattan Plantation and Development.

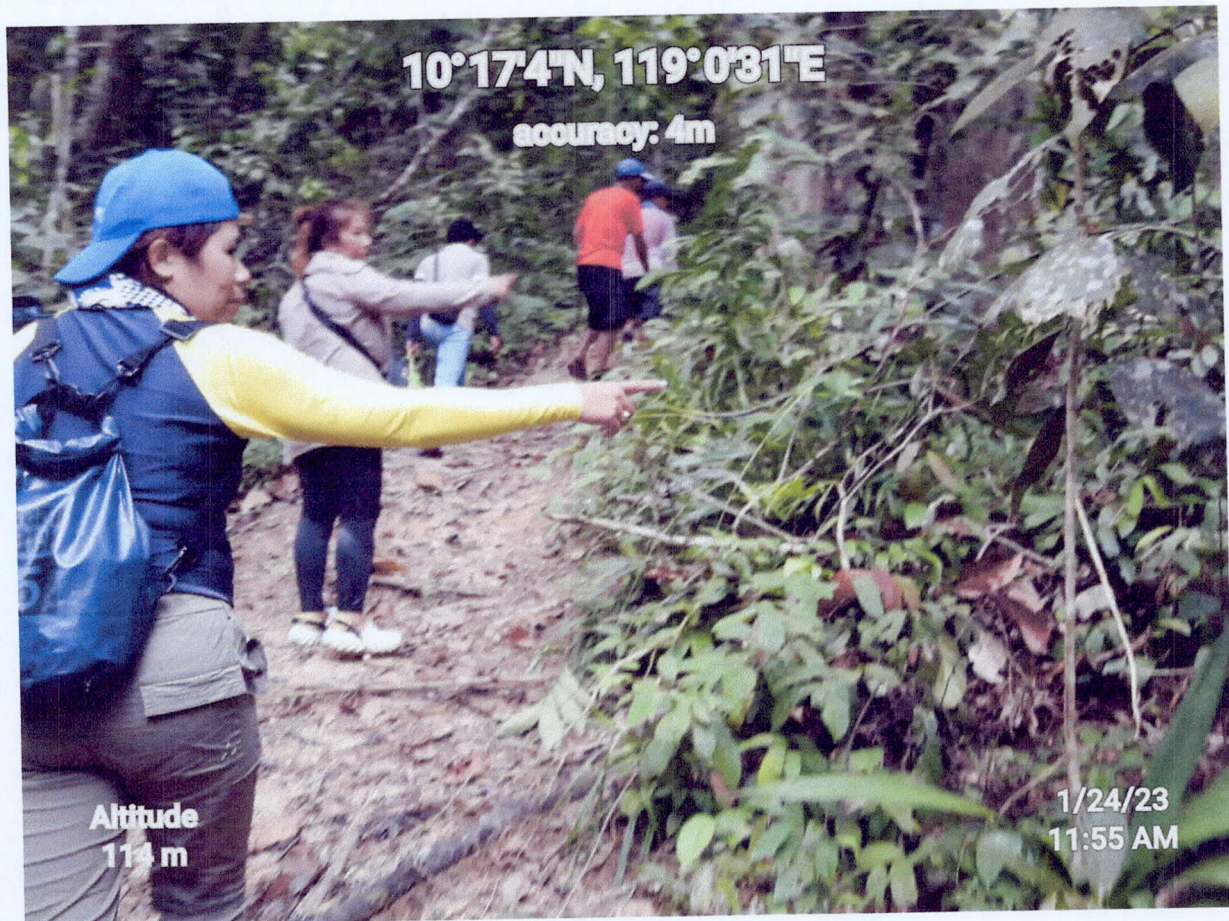
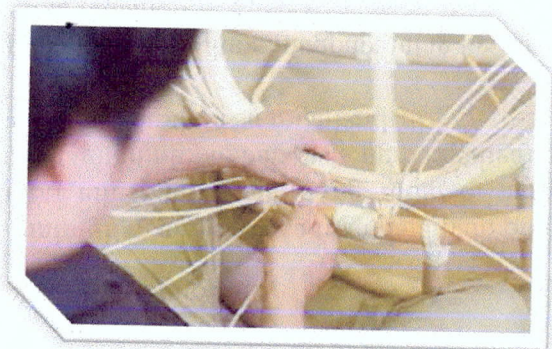
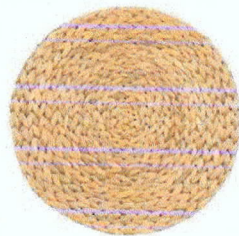


Figure 4. The geotagged photo shows the proposed site for 25 hectares Rattan plantation for CBFM-CARP 2023 Rattan Plantation and Development.



**RATTAN PLANTATION AND LOGISTICS
BARANGAY CARURAY, ROXAS, PALAWAN**



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CARURAY AGRICULTURAL MARKETING ASSOCIATION (CAMA)

Bgy. Caruray, San Vicente, Palawan

DOLE Reg. No. PAL 017-0045

TIN No. 718-605-494-000

PROJECT PROPOSAL

I. IDENTIFYING INFORMATION

Project Title		RATTAN PLANTATION AND LOGISTICS PROJECT CARURAY AGRICULTURAL MARKETING ASSOCIATION (CAMA)			
Project Proponent		CARURAY AGRICULTURAL MARKETING ASSOCIATION (CAMA)			
Project Location		So. New Site, Upper Lubaon, Lower Lubaon, Liko-tiko, Panamin Brgy. Caruray, San Vicente, Palawan			
Project Target Bens		Direct: 51 Association members Indirect: Neighboring communities			
Total Project Cost		COUNTERPART			
		DENR	I	PO	I TOTAL
		700,000	I	300,000	I P1,000,000
Project Contact		Elsie L. Torres			

COMMUNITY-BASED FORESTRY MANAGEMENT PLAN

1. RATIONALE

Rattan is a climbing palm of the genera Calamus, Daemonorops, and Korthalsia of tropical Asia, belonging to the family Palmae. It is a very important non-timber forest product, owing to its versatility. Rattans are extensively used for making furniture and baskets. When cut into sections, rattan can be used as wood to make furniture. Rattan accepts paints and stains like many other kinds of wood, so it is available in many colors, and it can be worked into many styles. From a strand of rattan, the skin is usually peeled off, to be used as rattan weaving material. The remaining "core" of the rattan can be used for various purposes in furniture making. Rattan is a very good material mainly because it is lightweight, durable, and to a certain extent flexible.

Raising rattan, despite the lengthy time for plantation development, is necessary because natural stands have been significantly reduced. Rattans have been known to grow up to hundreds of meters long. Most of the world's rattan population exists in Indonesia, Philippines, Sri Lanka, Malaysia, and Bangladesh.

Rattan plantation development is one of the priority technologies being promoted here in the Philippines by the Department of Environment and Natural Resources (DENR). The process combines environmental protection and rehabilitation, with the generation of employment opportunities for upland dwellers. Rattan plantations can ensure the continuous supply of raw materials.

Rattan is a very important non-timber forest product, owing to its versatility. It is an export winner. Raising rattan, despite the lengthy time for plantation development, is necessary because natural stands have been significantly reduced.

2. BENEFICIARIES

CAMA and residents of the community who are willing to work are the primary beneficiaries.

3. OBJECTIVES

The general objective of the proposed project plan is to instruct in the resident's minds that they have to be aware of the environment and specifically aims to:

- Establish a 70m x 70m nursery and produced 15, 625 good quality products of rattan which will be used in a significant market for cane and cane products.
- To make the resident internalize that they have to be aware of the importance of minor forest products.
- To provide employment for community residents during the project period

NATURE AND SCOPE

This plan is subjected to be used as a good quality production area of rattan to support the scarcity production of the said species; Establishing a 70m x 70m nursery as the source of seedlings needed for the project. The area of the project is situated at Barangay Caruray, San Vicente, Palawan. Proponent consolidated efforts starting with 20 hectares as the output of the project.

4. SCHEDULE OF ACTIVITIES

Nursery establishment will be done in the 1st quarter of the opening year. This includes 1 to 2 months of seedling needed production, followed by transplanting activity, care, and maintenance, and hardening off on the 3rd quarter of the implementation period. The project plan will be contracted for 3 years.

5. REQUIRED INPUTS AND PROJECT BUDGET

Seeds, nursery materials and equipment, technical assistance and manpower, potting media which is composed of topsoil with the manure of livestock, polyethylene plastic bags are included as inputs. The establishment of the nursery serves as a sub-component of the production.

6. SOURCE OF FUND

The project will be funded by the Department of Environmental and Natural Resources (DENR) in partnership with Caruray Agricultural Marketing Association (CAMA).

NURSERY MANAGEMENT

7. NURSERY PREPARATION AND ESTABLISHMENT

7.1. SITE PREPARATION

Preparation of the nursery will be conducted during the 1st quarter of the project duration. The area will be cleaned; weeds and grasses will be removed. The soil must be tilled so that the roots of the unnecessary grasses will not grow again.

7.2. FENCING

The fence of the nursery will be made of barbed/hog wire and bamboo as a post. It will be metered high. It is for the protection of the nursery to avoid stray animals that may inhibit destruction.

7.3. WATER SYSTEM

The water supply of the nursery will be made connected to the River near the project site/or water harvesting. There will be a water pump to be established at the river edge to maintain enough supply of water in the nursery and plantation. There will be a hose which will be the connection from the river plantation.

7.4. POTBEDS AND SEEDBEDS

There will be 18 plots to be established. The seedbeds and pot beds will have a dimension of 1 meter by 10 meters and 1 meter by 20 meters respectively. These pot beds will be made up of slashed bamboos to avoid misalignment of the seeds pots. This will make the seed pots firm and compact as well.

7.5. NURSERY ESTABLISHMENT

8.5. 1. POTTING

The potting media that will be used will be garden soil and rice hull. Rice hull will use as organic fertilizer for less expense. The potting

media will be mixed proportionally for the good germination of the seed of Rattan. The size of the polyethylene will be using 4" x 6".

8.5.2. SHADING

After the establishment of the seedbeds, the shade will immediately be established. The shade will be made up of a mess/nylon net. The shade will serve as protection of the germinating seed from the direct heat of the plantation and fence the nursery to protect plants from intruders and stray animals.

8.6. POTTING AREA

The preparation and mixing of the media will be done in this area. And in here the potting will be done.

8.7 NURSERY CARE AND MAINTENANCE

8.7.1. FERTILIZER APPLICATION

Apply foliar fertilizers as recommended one (1) to two (2) months after potting to ensure healthy seedlings and to boost their growth.

8.7.2. PEST CONTROL

Applying pesticides on the seedling will be from 3rd month until the seedling will be hardened because in that season the seedlings are highly susceptible to diseases. We cannot avoid that there are pests or diseases that can attack the seedlings.

8.7.3. WATERING

The watering of the germinants will be every morning afternoon everyday. The water pump will be open when it is needed.

8.7.4. WEEDING

The weeding will be three times a week because there are still unnecessary weeds and grasses that are growing around the germinants. This will avoid the competition of nutrients between the germinants and weeds. It will be done throughout the project duration.

8.7.5. HARDENING OFF

During the hardening process, nets will be removed in the nursery to expose the seedlings to a greater amount of sunlight to be acclimatized and hardened to prepare seedlings for the planting season.

8.7.6.SOWING

Rattan should be sown from 3-5 cm and 5-10 cm apart in the seedbeds for the small and big seeds, respectively, pushing each seed slightly below the soil surface. The sown seedbeds should be watered thoroughly and covered with 1-2 cm seasoned sawdust or coconut husk to help retain moisture and prevent seeds from becoming exposed by splashing during watering or heavy rains

PLANTATION MANAGEMENT

9. PURPOSE OF PROJECT PLAN

The purpose of the project plan is to improve the vegetation on the said site to serve as a supply of good quality production of rattan and protection against natural calamities and to bring the natural view of the forest while providing employment opportunities for the community residents and PO members as immediate beneficiaries.

10. CRITERIA FOR SPECIES SELECTION

- The selected species can adapt to the climatic condition of the site.
- The soil must be fewer in erosion characteristics.
- The production must sustain throughout the given period.
- The project must adopt the weather season: summer and rainy season.

11. PLANTING PLAN

The project period is 3 years starting from the 1st quarter of the opening year. These include the 3 to 4 months of seedling production during the 1st and 2nd quarter followed by transplanting activity, care and maintenance, and hardening in the 3rd and 4th quarters.

In the week of the 1st quarter, the establishment of plots will be the first. The construction of a perimeter fence, pot bed, and seedbed follow. In the second month of the 1st quarter, the potting process will be started with a duration of 1 week accompanied by the arranging of pots. While potting is being done, potting 13,750 seeds of rattan with a .50% is the mortality rate.

Transplanting, care, and maintenance will be done after. After two quarters of producing theseedlings, hardening and preparation will follow in the 3rd quarter, and out-planting will bescheduled in the 4th quarter.

a. LOCATION

Sitio's Caisang, Upper Lubaon, Lower Lubaon, Liko-tiko, Panamin Barangay
Caruray, San Vicente, Palawan.

b. SITE PREPARATION

Clear the strip about 1 meter wide and plant at a distance of 4m x 4m use available materials as stakes. Dig the holes in every stake. These should be wide enough to fit the planting stock with about one foot to 30 cm depth. Separated the topsoil from the sub oil.

c. SPACING

The spacing of the plantation will be 4 meters by 4 meters. In 1 hectare, there will be 625seedlings to be planted with a mortality rate of 25%. In order to cover the 20 hectares, 1, 5625 seedlings will be produced. Additional 3,125 seedlings will be raised to replace mortality. The 25% mortality rate will constitute 10% from the nursery and 15% m the plantation. Therefore 15,625 seedlings will be produced for the 20 hectares scope of the project. The operation of the nursery will be continuous until such time the plantation is established.

Computation
1ha=10,000sqm 4m x 4m= 16sqm (spacing)
10,000 = 625 seedlings/ha 16sqm
1 hectare = 625 seedlings Mortality rate= 25% 20 hectares x 625 seedlings/ha + 25% mortality= 15,625 seedlings are going to be produced

d. TRANSPLANTING

Place the seedlings in a box and transport them to the planting area Place the seedlings temporarily in the middle of the planting areas for easy access. Remove the plastic bag of theseedling without breaking the ball of the soil around the soil and then put the seedling in the hole with its root collar at level with the ground surface. Pulverize the top and subsoil separately. Put the topsoil first to provide the basic nutrients needed for its growth. Follow it with the subsoil press gently.

e. FERTILIZATION

Fertilization application is necessary for the first three years. The seedling appears not to respond to fertilizer after this period. During the first year, rattan seedlings respond to nitrogen. Generally, all plants require potassium for the development of the stem.

f. MULCHING

Mulching is beneficial to the early growth of rattan seedlings. Mulching may be necessary for areas with a pronounced dry season and should be done prior to the dry season to conserve soil moisture around the rattan seedling.

g. WEEDING

Pathway, borders, and planting lines need to be cleaned frequently during the first three years. When the rattan plants have established themselves and started to climb it is not necessary to clean the planting line. However, the pathway and the baseline need to be cleaned once a year.

Weeding of planting lines can be done in two years: by a circle or line weeding. In circle-weeding, the area with a radius of 1 m surrounding the seedlings is cleaned. This is suitable for the group planted seedlings. In the line planting, a strip of the area encompassing 1 m distance on both sides of the planting line is cleared.

h. THINNING THE TREE CROWN

Thinning of tree crowns should be done at the latest before the second year. The operation involves selective tree felling or poisoning and the pruning of some big tree branches until about 50% overhead light is received by the rattan seedlings. During felling and pruning, care must be exercised to avoid damage to the young seedlings.

i. PEST AND DISEASES CONTROL

Very little control of rattan pests has been necessary for the existing plantation experience. However, this does not mean that no serious pest problems will ever occur and so knowledge of potential pest problems is essential in the event that pest outbreaks occur. Application of insecticides may be necessary when the rattan plants are young if crickets, grasshoppers, mites, or termites are suspected to be a problem. The base of the plants can be sprayed with malathion (0.7 grams of active ingredients per liter of water).

12. LAYOUT

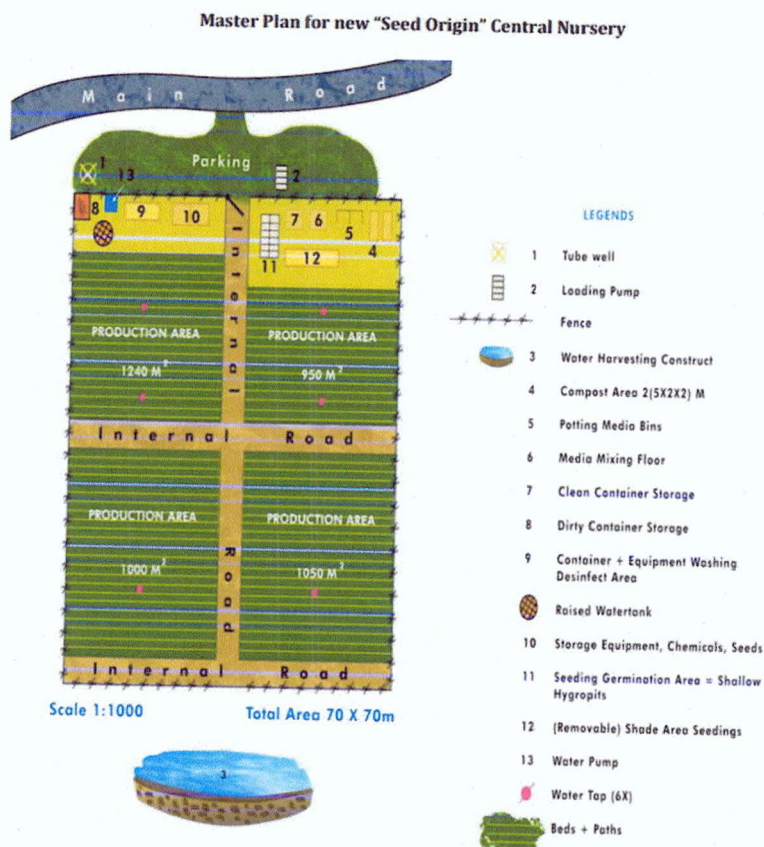


Figure 02

The layout of the nursery (figure 02) above for seedling production with a size of 70 meters by 70 meters. The source of the water system will be the water harvesting/ River. A machined water pump will be installed and hoses will be connected around the site to maintain enough water supplies in the nursery and plantation. A pathway to enter the nursery site and to the plantation, the site will be established at the same time.

13. LOGISTICS

Logistics is of great help for the process of planning and executing the efficient transportation and storage of Rattan and other non-timber forest products from CBFM Agri-Forestry produced from the point of origin to the point of consumption. The goal of logistics is to meet client requirements in a timely, cost-effective manner.

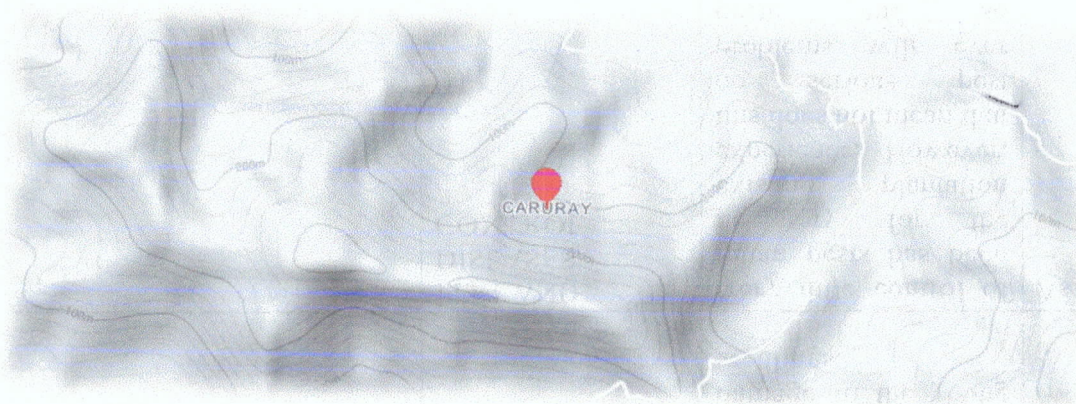
SOIL MAP

The dominating soil type of Brgy. Caruray, San Vicente is Loamy Sand to Clay. Hence, there is a need for the application of fertilizers in the plantation for the plants to survive.



SLOPE MAP

More part of Brgy. Caruray, San Vicente 30%-50% because it is a mountainous area. Rattan can thrive in these slopes as well.



AVAILABLE REFERENCE MAPS

TOPOGRAPHIC MAP

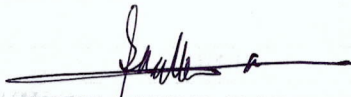
The map shows the access roads of San Vicente including its National Roads, Municipal Roads, and down to its Barangay Roads.



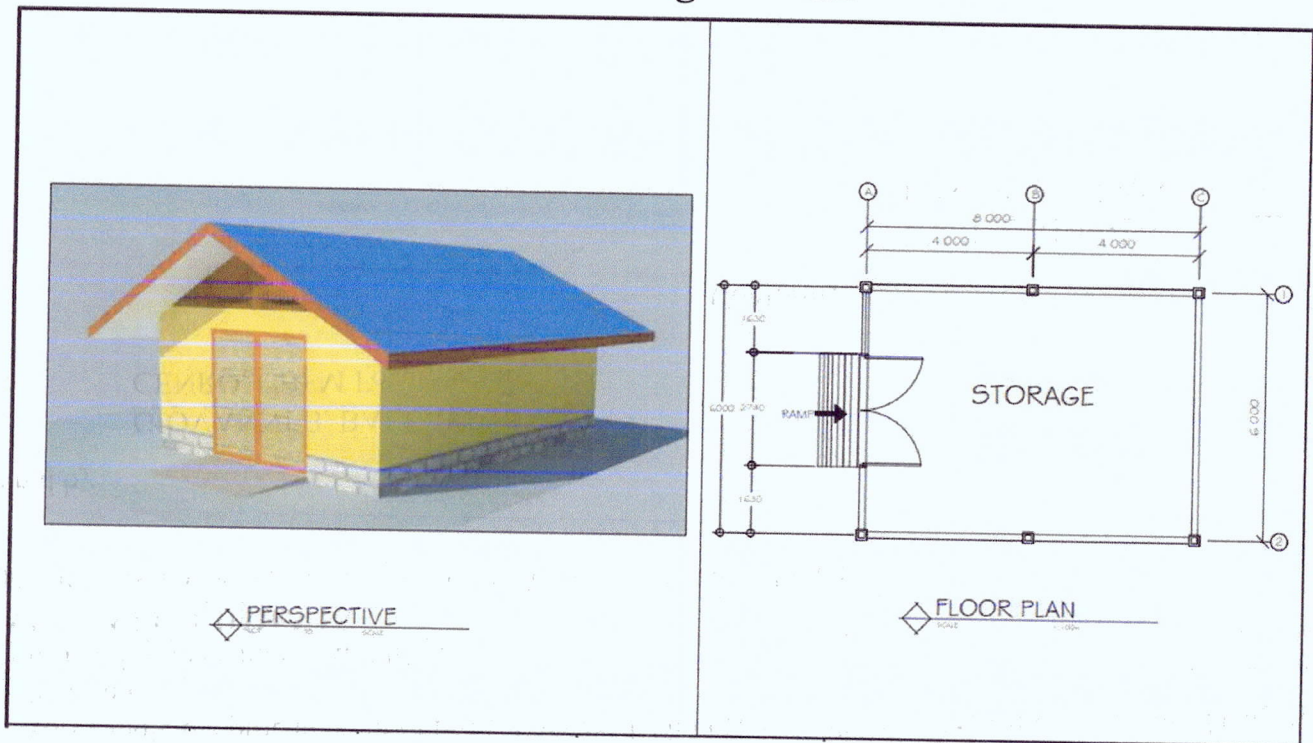
VEGETATIVE COVER MAP

The Main Land of San Vicente is dominantly covered with grass and forest trees as represented in this vegetative cover map.

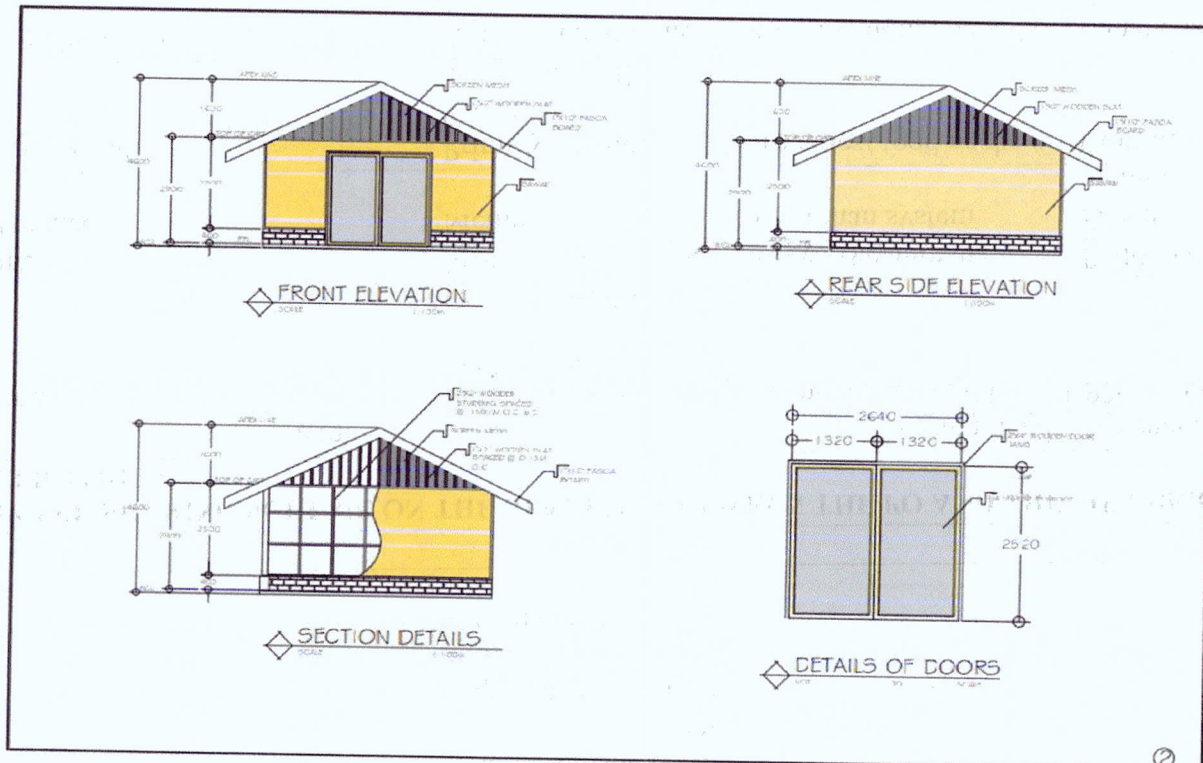
PREPARED BY:


GIOVANNI B. BALLARAN
CBFM-FOCAL PERSON

Rattan Logistic Plan

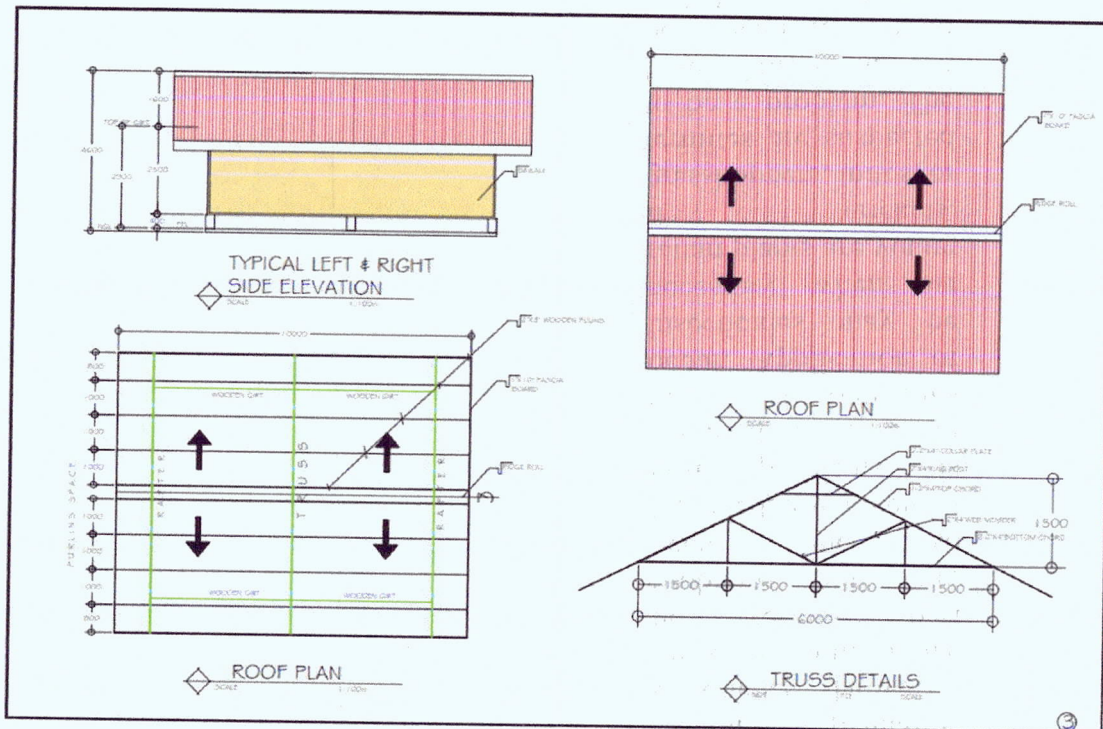


Rattan Logistics-Model 1

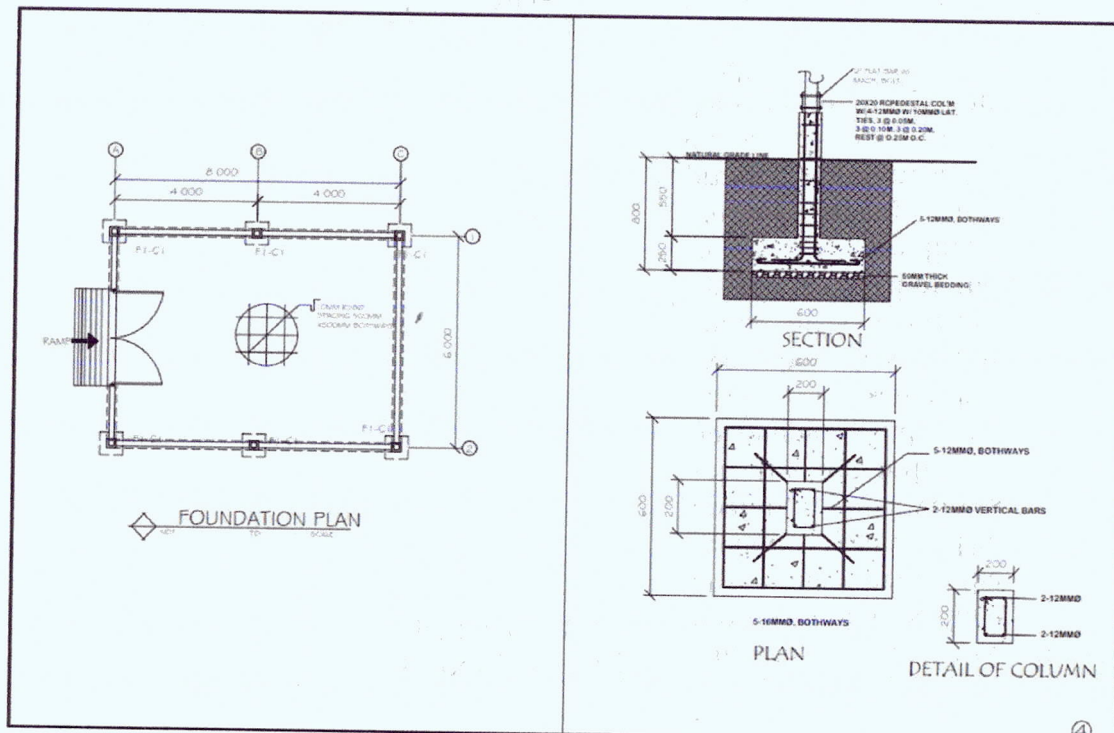


Rattan Logistics-Model 2

Rattan logistics-Model 3



Rattan logistics-Model 4



CARURAY AGRICULTURAL MARKETING ASSOCIATION (CAMA)

Brgy. Caruray, San Vicente, Palawan

DOLE Reg. No. PAL-017-0045

TIN No. 718-605-494-000

Name of Project: Construction of Logistics Building

Location: So. Calsang, Upper Lubzon, Lower Lubzon, Liko-Isa, Panamin Brgy. Caruray, San Vicente, Palawan

Appropriation Amt.: Php. 300,000.00

Source of Fund:

Description: 6m x 8m

Duration: 90 Calendar Days

Description of Work to be Done	Equipment Requirements
Site works, Concrete works, Steel Reinforcement, Masonry Works, Formworks, Carpentry Works, Masonry Works	N/A

SUMMARY OF ESTIMATED COST

Item No	Description	Qty	Unit	Amount
I	Site Works	60	sq.m	11,245.45
II	Concrete Works	5.72	cum	38,700.00
III	Steel Reinforcement	209.88	kgs	16,230.00
IV	Masonry works	104.38	Sq.m	22,300.00
V	FormWorks	20	Bd.ft	3,155.00
VI	Carpentry Works			146,545.30
	a. Truss System	641.63	Bd.ft	
	b. Wooden Columns	180	Bd.ft	
	c. Wall Siding	294.33	Bd.ft	
	d. S&WALL Wall	625	sq.m	
	e. Doors	7.2	sq.m	
	f. Surong/ Wooden Slat	9	sq.m	
V	Masonry Works	80	sq.m	39,620.00
IV	Minor Hand Tools	1	lot	10,140.00
	TOTAL			288,135.75

BREAKDOWN OF ESTIMATED COST		Amount	%
A	DIRECT COST		
1	Materials Cost	164,081.10	54.69%
2	Labor Cost	124,054.65	41.35%
3	Contingency	11,854.25	3.95%
	TOTAL ESTIMATED PROJECT COST	300,000.00	100.00%

IN WORDS: THREE HUNDRED THOUSAND PESOS ONLY

Prepared by:

Recommending Approval:

CBFM FO/ Draftsman

CBFM DO

Approved:

PABLO L. CRUZ
CENFO

**WORK AND FINANCIAL PLAN
CAMA**

PENRO, PALAWAN
CENRO, ROXAS

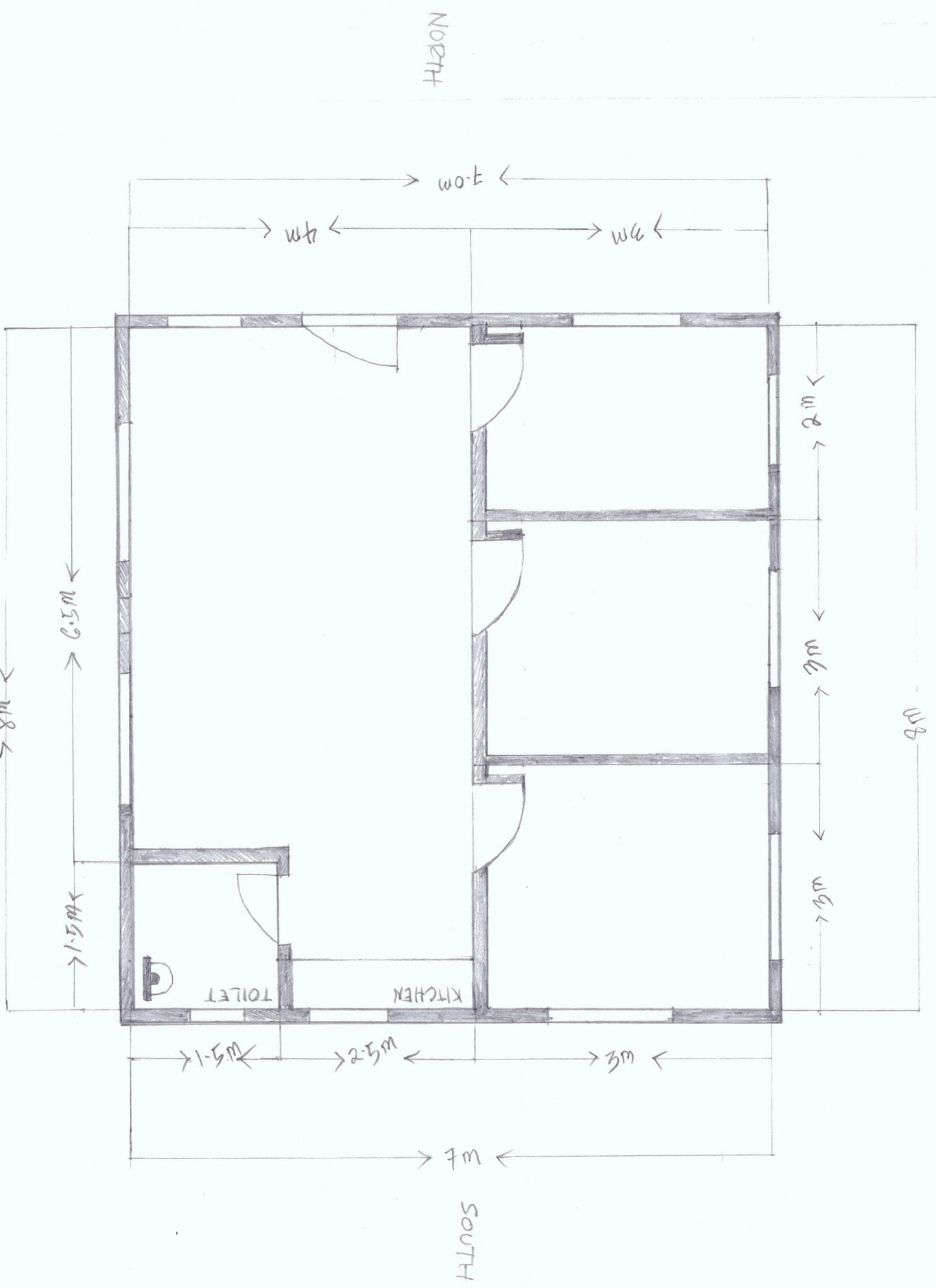
20 HECTARES RATTAN PLANTATION ESTABLISHMENT

Location of Site : **CBEWA**

Activities	Performance Measure		Target/ Quantity	Mortality	TOTAL TARGET (Target + Mortality)	Unit Cost	Total Budget	Breakdown of Physical Target			
	Indicator	UWM						1st Qtr.	2nd Qtr.	3rd Qtr.	4th Qtr.
A Nursery Establishment and Operation											
Bunkhouse	Bunkhouse established	no. of unit	1					1			
Nursery shed	nursery shed established	no. of unit	1					1			
Seedbeds	Seedbeds established	no. of unit	18					18			
											8
B Seedling Production											
	Quality Planting Materials produced	No.	12,500	3,125	15,625	20.00	550,000.00		15,625		
											15,625
Rattan (4x5)	Seedlings Produced		12,500	3,125	15,625	20.00	550,000.00		15,625		
											15,625
C Site Preparation and Out planting											
Brushing	Sites prepared	Has.	20			6,500.00	130,000.00				
Staking/labelling										20	
Hole drilling										20	
Hauling										20	
Planting										20	
Job Generated										20	
1 male											10
2 female											10
D First-Year Maintenance and Protection											
	Area maintained and Protected	has	20								
Knna weeding & fertilizer application	Hills weeded and fertilized	No.				1,000.00	20,000.00				20
Re-planting	Seedling replanted	No.									20
Fire prevention and patrol works	Area controlled	Has.									20
											20
E Total Development Cost							700,000.00				

CAMA BUNK HOUSE LAYOUT SO. TILO-TIKO, CARUBAY SAN VICENTE, PATAUTAD

ROAD TO CAMP
 WEST →



EAST



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Contact No. 09171606578 / 09175028647
Email address: cenroroxaspalawan@denr.gov.ph

CERTIFICATE OF ACCEPTANCE

TO WHOM IT MAY CONCERN:

THIS IS TO CERTIFY that the planned activities provided for under the attached Memorandum of Agreement and Work and Financial Plan entered into by this Office represented by CENRO ROXAS and Caruray Agricultural Marketing Association (CAMA), represented by PO Chairman Elsie L. Torres have been conducted by the PO and the work output as therein stated were likewise as of this date accepted by this Office.

It is therefore recommend that the corresponding payment of the services be immediately effected.

LORMELYN E. CLAUDIO, *CESO IV*
Regional Executive Director (RED)



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NOTICE OF AWARD

CARURAY AGRICULTURAL MARKETING ASSOCIATION (CAMA)
BARANGAY CARURAY, SAN VICENTE, PALAWAN

**SUBJECT: PROVISIONS OF FUNDS FROM THE COMPREHENSIVE
AGRARIAN REFORM PROGRAM- PROGRAM
BENEFICIARY DEVELOPMENT (CARP-PBD) COMPONENT
THROUGH THE DEPARTMENT OF ENVIRONMENT AND
NATURAL RESOURCES TO CARURAY AGRICULTURAL
MARKETING ASSOCIATION (CAMA)**

Madam:

We are pleased to notify that you are hereby awarded as the contractor for the **Rattan Plantation Development**, funded under CBFM- CARP with direct cost amounting to **Php 828, 550.00**.

You are therefore required, within ten (10) days from receipt of this Notice of Award, to formally enter into contract with us.

Failure to enter into the said contract within the prescribed period shall constitute a sufficient ground for cancellation of this award.

Very truly yours,

LORMELYN E. CLAUDIO, CESO IV
Regional Executive Director (RED)



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NOTICE TO PROCEED

Date

ELSIE L. TORRES

President

CARURAY AGRICULTURAL MARKETING ASSOCIATION (CAMA)

Barangay Caruray, San Vicente, Palawan

Madam:

With reference to the CARP Project **Rattan Plantation Development** entered into by and between the **Department of Environment and Natural Resources** and **your Cooperative**. You are hereby advised that you may now proceed with the works assigned upon in the said contract.

Thank you.

Very truly yours,

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