

Social and Environmental Safeguards (SES)

Social Assessment

1. Project Beneficiaries

There are about 1,942 calamansi farmers (1,600 male & 342 female) out of 2,802 calamansi farmers as stipulated in VCA who will directly benefit from this project. An initial consultation was conducted on November 11, 2012 at Capitol Square, Camilmil, Calapan City. Participants were calamansi farmer-members of cooperatives and People's Organization engaged in the calamansi industry. Others were representatives of line national and local agencies and academes. Top-down information dissemination of the LGUs was also done to provide details about the program through conduct of regular meetings of Provincial Agriculturist with Municipal Agriculture Officers from 14 municipalities and one city.

After the series of consultations, the Naujan Farmers Association (NaFA) submitted a letter of intent to be the lead proponent. NaFA was evaluated in terms of management capability, financial capacity, and agricultural trading ability.

Among the major concerns of the lead proponent include source of capitalization sustainability of supply, and enterprise operation support such as distribution system and logistics. NaFA will provide the counterpart fund of 20% of the total project cost amounting to PhP1,945,880.09. (Cash counterpart of PhP643,915.00 and in kind amounting to PhP1,301,965.09).

NaFA is a gender conscious organization wherein women may freely engage in the calamansi production and enterprise operation. Participation of women were recognized during the consultation meeting and issues on trading activity and involvement in the operational management were clarified and taken into consideration.

2. Indigenous Cultural Community/Indigenous Peoples

The project location is not situated inside an ancestral domain. Moreover, there are no beneficiaries who are members of IP/ICC. However, involvement of IPs and women as labor force is given due consideration. Wages will depend on the nature of job and will be based on the prevailing farm labor rates in the locality. Engagement of child labor is strictly not allowed in the operation of OMCTC. With regard to the status of application of certificate of non-overlap to NCIP, the Provincial Office has been already forwarded the letter request to NCIP Regional Office. The issuance of certificate will be released after the meeting with Naujan Farmers Association and IP representatives has been conducted.

3. Site and Right-of-Way Acquisition

The sites of the proposed trading center located in Bayanan II, Calapan City and buying station at Poblacion III, Victoria will be leased to Mr. and Mrs. Victor Ulayan and Mr. and Mrs. Isagani Ortega, respectively. Both owners of the proposed sites are members of NaFA. It will be leased for ten (10) years with an agreement that the Naujan Farmers Association will be allowed to purchase the areas specified in the lease contracts after the term expires. The Trading Center with floor area of 184 square meters will be constructed in a 300 square meters lot and the Buying Station with a floor area of 30 square meters in a 150 square meters area. The trading Center site is a vacant area with devastated old storage house while the Buying Station site is located along the national highway and was utilized previously as a buying station but has been abandoned for a couple of years. The areas mentioned above include the right of way.

4. Damage to Standing Crops, Houses and/or Properties

As cited in the above discussion, Trading Center in Bayanan II will not affect any properties or crops during its construction. This is the same with the Buying Station which will be situated in Poblacion III, Victoria, Oriental Mindoro. The presence of the structures in the particular areas will be an advantage to rice farmers and HVCC farmers because the road improvements will result to easier transport of their commodities to market. In terms of waste management, garbage cans for biodegradable and non-biodegradable matters will be set up in various strategic places for proper disposal of spoilage, calamansi leaves and other parts. OMCTC management will request for technical assistance on decomposition process technology from the Provincial Agriculture Office to address the waste management concern. Proper drainage system will be constructed to properly dispose wastes generated from the enterprise operation.

5. Physical and Economic Displacement of Persons

The trading Center and Buying Station will not result to relocation of any houses because the areas are vacant as explained in the section on site and right of way acquisition of this document. No persons will be displaced.

6. Grievance Redress Mechanism

Complaints and grievances relating to any aspect of PRDP (including environmental and social safeguards policies and/or activities) will be managed following the PRDP Grievance Redress Mechanism (GRM) which also builds on the PRDP Oriental Mindoro subprojects GRM.

The PPMIU and the local government units (LGUs) will make the public aware of the GRM through public awareness campaigns, training and capacity building in Project

Implementation Support (I-SUPPORT). Any person who has feedback or complaints regarding the performance or activities of the project and its subprojects during pre-implementation, implementation and operation phases, shall have access to the GRM mechanism.

Contact details in support of the mechanism will be publicly disclosed and posted in the offices of concerned communities and in strategic places of the project's area of influence. These will also be incorporated in PRDP information materials, such as Project brochures, flyers and posters.

Grievance Redress Team

The GRM has been created at the PLGU by virtue of EO No. 37, Series of 2015 to serve as the guide of the PDRP subproject implementation to handle issues/complaints filed coming from the sub project implementation barangays.

The Governor has designated the Grievance Redress Team for project-related issues. The Grievance Redress Team will be responsible for the initial screening of feedbacks and complaints, as well as, the organization of preliminary meetings with concerned parties to establish the critical path to resolution. A registry of feedback or grievances received will be maintained by the Grievance Redress Team for reporting to the RPCO and the World Bank, specifically for associated follow-up, resolution or non-resolution of issues.

Environmental Assessment

1. Natural Habitat

The proposed project site is not within an officially declared or proposed protected area of natural habitat such as ecological reserves, military reserves, nature reserves, scenic spot, and others. Likewise the impact area within 1 kilometer radius is not known to have religious, historic or cultural significance. Endangered and threatened flora and fauna are also insignificant. The land area of trading center and buying station has no perennial crops grown. Construction of buying station is located in Poblacion III, Victoria, Oriental Mindoro with 30 sq. m. floor area will be established in 150 sq. meter portion of 890 sq. meter property of Mr. and Mrs. Isagani Ortega, resident of Poblacion 3, Victoria, Oriental Mindoro while the trading center of Oriental Mindoro will be constructed in Bayanan II, Calapan City with a floor area of 184 sq. meter and will be put up in the 300 sq meter portions of 1,074 sq. meter property of Mr. and Mrs. Victoria Ulayan of Bayanan II, Calapan City, Oriental Mindoro.

2. *Physical Cultural Resources*

In the proposed project areas, there are no cultural structures and monument or physical cultural resources on sites that will be affected by the subproject.

The site of the buying station and trading center is far from the natural habitat and protected area of the province of 15 km and 50 km away respectively. Devoid of forest covers, social or scenic value is not remarkable.

3. *Terrain, Soil Types, and Rainfall*

The topography of the proposed subproject site is relatively flat. The types of soil within the project area its capability and qualities are basically important in the planning of land use. There are three (3) types of soil classified as: Maranlig Clay, Luisiana Clay and Catanauan Silt Loam.

The annual rainfall for the municipality of Victoria has been recorded to be 1,930 mm with the months of October, November and December as the period where rain mostly occur while the months of March to April as the driest period. Relative humidity increases to 86.6% during the rainy months of October and November. Temperature records showed that highest temperature is 33⁰ Centigrade occurring during the month of May while the lowest temperature of 22⁰ Centigrade occurs in January. Prevailing wind comes from the northeast direction.

4. *Hazard/Risk Assessment (Drainage situation, Erosion, and flooding Potentials)*

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Storm water runoff will increase as a result of a wider span of cleared area for the ROW and the increase of runoff coefficient. Flooding on the road surface is mitigated by the construction of drainage canal leading the runoff immediately outside of the roadway to the intercepting outlets. To minimize the increase of the quantity of flows on the receiving

river, appropriate flooding measures such as planting of trees and vegetation on riverbanks will be installed.

5. Status of DA-IPM Program (KASAKALIKASAN) in the Road Influence Area

The Provincial Government of Oriental Mindoro through the office of the Provincial Agriculturist is continuously implementing the IPM of Integrated Pest Management program in coordination with the Department of Agriculture Regional Field Unit IVB (DATFOIVB). A Provincial IPM coordinator is designated from the PAgO. The lower LGUs also designated Municipal IPM coordinator for the effective and efficient coordination and support system. Likewise, “Bantay Peste Volunteer Brigade” was also organized in the Barangay and Municipal levels in support of the program.

Series of trainings on pests and diseases are conducted from “Bantay Peste Volunteer brigade” to the Agricultural Extension workers (AEWs) to ensure that identification, reporting and monitoring of the pests and diseases in their area of responsibility are properly managed. Regular meeting with the Municipal IPM coordinators, Bantay Peste, LFTs, Farmer’s Associations and the Municipal Agriculturists are conducted for technical and information updating.

With the institutionalization of the ‘Farmers’ Field School’ of FFS in the province, the rate of adoption of IPM is now estimated to 85% of the total number of farmers attended the FFS seminar in coordination with all concerned agencies like ATI,BPI,RCPC, NCPC, BSWW, PhilRice, IRRI, MAOs and Farmers’ Association.

The adoption of farmers of IPM will reduce the use of chemicals in eradication the pests and diseases in the production area, thus will reduce the risk of contaminating the soil and ground water. It will further contribute in sustaining the safe agricultural production for future generation.

6. Status of Environmental Clearances

NaFA has already secured the Mayor’s permit and likewise registered with the BIR. It is indicated by the issuance of Official Receipts used by the proponent group in their day to day transaction. Application for tax exemption to BIR is still being worked out by the proponent. Moreover, the building permit for the construction of trading center and buying station will be secured before the construction of the Trading Center and Buying Station. The application of NaFA for Buying Station and Trading Center for the Certificate of Non-Coverage has been submitted to DENR-Environmental Management Bureau last June 23, 2014 and already forwarded to DENR-EMB Regional Office.

Quarry materials will be procured to existing quarry sites at Brgy. Alcate and proven as a good source of gravel and boulders around 9.40 km away from the SP site (accredited qualified source by DPWH). Regular monitoring will be done by DPWH to ensure non-over

quarrying. Transportation of quarry materials from source to FMR might cause damage to existing FMR. Thus, regular maintenance and repair of existing road will be done by the contractor.

7. *Environmental Issues and Mitigation Measures*

ENVIRONMENTAL AND SOCIAL MANAGEMENT PLAN (ESMP)

1.0 Project ID		
1.1 Project Name/Title	:	Oriental Mindoro Calamansi Trading Center with Buying Station in Poblacion III, Victoria and Trading Center in Bayanan II, Calapan City
1.2 Project Cost	:	P12,042,000.44
1.3 Project Location	:	Calapan City and Victoria, Oriental Mindoro

2.0 Proponent ID		
2.1 Name of Proponent	:	NAUJAN FARMERS ASSOCIATION (NaFA)
2.2 Address of Proponent	:	Calapan City, Oriental Mindoro
2.3 Contact Person	:	MR. CONRADO BALMES President, Oriental Mindoro Federation of Farmers Association (OMFFA) Cell phone no.: 091946623668

3.0 Project Design & Specifications. (Attach supplemental information where deemed necessary for planning/costing purposes)	
3.1	Type of building: <input type="checkbox"/> commercial (mixed use) <input type="checkbox"/> non-hazardous storage facility <input type="checkbox"/> commercial (office only) <input type="checkbox"/> institutional and other related facilities
3.2	Total area: 300 m ² Floor area: 184 m ² ; 1 storey; Open grounds: 116 m ²
3.3	Building Material: <input type="checkbox"/> concrete <input type="checkbox"/> wood <input type="checkbox"/> others: _____
3.4	Utility Requirement: <input type="checkbox"/> water: 20 m ³ <input type="checkbox"/> electricity: 150 kWh
3.5	Utility Sourcing : a) water source: (state the name of the river source) b) electricity: ORMECO

B. Environmental Issues and Mitigation Measures

Issue (Potential Impact)	Assessment	Mitigation Measure	Schedule/ Duration of the Mitigation Measure	Instrument of Implementation (POW, Contract, or O&M Plan)	Responsible Unit
1. Land acquisition: 300 sq. meter	[/] The proposed site for the Buying Station is private property	[/] Project proponent to rent/lease the location of the trading post	Prior to start of construction	Contract of Lease	Project Proponent
2. Temporary increase of solid waste during construction	[/] There will be significant volume of waste generated during clearing and construction	[/] Proper handling and disposal of construction waste	During construction period	Contract	Contractor
3. Potential vehicular hazard during transport of construction materials	[] Access road to construction site is populated [/] Access road to construction site does not pass through any populated area	[/] Proper handling of construction materials during transport and unloading	During construction period	Contract	Contractor
4. Potential noise during construction	[] Project site is within a populated area [/] Project site is located away from the community	[/] No construction activities during night time	During construction period	Contract	Contractor
5. Local employment	[/] Construction will provide local employment opportunities	[/] Hiring priority shall be given to qualified local residents	During construction period	Contract	Contractor
6. Potential hazard and risk to the community during construction	[/] Construction site pose risk to the community due to exposed construction materials	[/] Provide/construct peripheral fence to deter unauthorized person from	During construction period	Contract	Contractor

Issue (Potential Impact)	Assessment	Mitigation Measure	Schedule/ Duration of the Mitigation Measure	Instrument of Implementation (POW, Contract, or O&M Plan)	Responsible Unit
		entering the construction site <input type="checkbox"/> Practice proper housekeeping			
7. Potential contamination with human waste	<input type="checkbox"/> Construction workers would be temporarily housed in a base camp <input type="checkbox"/> Workers would be mostly locals and are expected to go home to their respective houses after works	<input type="checkbox"/> Set up adequate latrine/toilet facility at the base camp	During construction period	Contract	Contractor
8. Unsustained building operations at optimum capacity due to structural damages		<input type="checkbox"/> Prepare and implement an acceptable O & M Plan <input type="checkbox"/> Sustained and regular monitoring and maintenance & repair of Building structure <input type="checkbox"/> Allocate sufficient budget for M &E, maintenance and repair	Project operation period	O&M	Project proponent
9. Waste water and solid waste to be generated in the processing	<input type="checkbox"/> Significant volume of wastewater to be produced and homogeneous	<input type="checkbox"/> Set-up a wastewater facility, water impoundment	During project implementation/operation.	O & M Plan;	Proponent Group

Issue (Potential Impact)	Assessment	Mitigation Measure	Schedule/ Duration of the Mitigation Measure	Instrument of Implementation (POW, Contract, or O&M Plan)	Responsible Unit
and operation, equipment and facility maintenance	<p>quality of solid waste to be generated</p> <p><input type="checkbox"/> Influx of seller/buyer will generate significant volume of garbage</p>	<p><input type="checkbox"/> Proper handling and disposal of garbage. Provision of garbage bins</p> <p><input type="checkbox"/> Establishment of Materials Recovery Facility (MRF) to allow the regular conduct of segregation, recycling and residuals collection/disposal</p> <p><input type="checkbox"/> Control the attractable insects, rodents and possible increase of diseases</p> <p><input type="checkbox"/> Employ composting for the solid waste to produce organic fertilizers</p> <p><input type="checkbox"/> Organize Bantay Peste Volunteer Brigade in barangays</p>			
10. Potential increased use of pesticides due to intensification of crop production in the area	<p><input type="checkbox"/> There is an ongoing IPM program of DA in the service area</p> <p><input type="checkbox"/> Farmers in the service area have not been</p>	<p><input type="checkbox"/> DA to continue to support IPM program which involves: <u>TA, Funding, Training</u></p> <p><input type="checkbox"/> LGU to Coordinate with DA on IPM</p>	Project operation period	O&M	Project Proponent, LGUs

Issue (Potential Impact)	Assessment	Mitigation Measure	Schedule/ Duration of the Mitigation Measure	Instrument of Implemen- tation (POW, Contract, or O&M Plan)	Respon- sible Unit
	trained on IPM	training			
11. Conflict between members of the organization/G rievance during operation	<input type="checkbox"/> Unclear policy on project beneficiary prioritization <input checked="" type="checkbox"/> The organization already established acceptable policy on project	<input type="checkbox"/> The organization to establish acceptable policy on project beneficiary prioritization <input checked="" type="checkbox"/> The organization to conduct periodic review and assessment of the policy <input checked="" type="checkbox"/> Creation of GRM	During project pre- implemen- tation	Operations Manual	Project Proponent