

## **D. SOCIAL ASSESSMENT**

### **6.1 Project Beneficiaries**

The community of Barangay Bagong Silang, Villagraia and Magsaysay (3 Brgys.) which comprise the municipality of Siay, Zamboanga Sibugay are the target beneficiaries. All mentioned Barangays are classified as agricultural area of which volume of agricultural products derived from the area. Mostly agricultural farmers are most benefited when the projects will be realize. The total land area of the barangays 4176 hectares (3 Barangays) *please see page 3* of which are Upland areas with the total of 1,351 population that covers of 227 households (2007 NSO census) with average household size of 6 (*please see page 8*). Mostly of the households means of income are a ricultural product and livelihood. Volume of agricultural products are produce this area.

The Upgrading/Rehabilitation of 6.96 kms. Farm to Market Road was purely identified by the community during the conduct of barangay consultation. During the meeting Engr. Emedio R. Suan- MPDC and the Municipal Assessor Mr. Celso O. Bigaforo Explain the status and the output if the project be implemented, the Brgy. Chairman of Bg. Silang, Magsaysay and Villagrancia also explain how important of the said proposed project. The main concerned are when the proposed project started. (*please see attached Minutes and Attendance during consultations Annex B*). The 3 covered barangays signify their support in the implementation of the projects thru barangay resolution which attached to the fs.

The project also benefits better access going to school children and even teachers who will doing daily trips. The project also provide better access and shortest route among the people living in barangays of Bagong Silang, Brgy. Mahayahay and Labasan in going to Poblacion-Siay.

### **6.2 Indigenous Cultural Community/ Indigenous peoples (ICC/IP)**

The presence of the Indigenous people in Barangay Bagong Silang, Magsaysay and Villagrancia are not traditional IPs but migrant IPs in the area which belongs to Subanen Tribes. All of their farms and houses are away from the FMR alignment but they are all beneficiaries of the subproject. The road length of the proposed FMR do not traverse any know ancestral land, therefore, no IPs will be affected by the projects. (This is not within the ancestral domain) attached to the FS certification of Adriano Guib IF Municipal Tribal Chieftain and Application for CNO Annex C.

### **6.3 Site and Right-of-Way Acquisition**

The road was already existing for long years and it links at Barangay Labasan going to Brgy. Camanga. Due to many years undeveloped road, some farmers utilized the adjacent road width of which some farmers plant their crops (rubber, coconut, banana, etc.). Due to proposed road width design of FMR, it could be affected during the implementation of the project and which some lot owners could also be affected. Part of the consultation, of which affected lot owners or farmers are invited in the consultations. During the consultation the farmers are inform that their crops and private lots will be affected. Farmers are very supportive and they are very willing to donate their portion of land and crops without compensation in support of implementing of the

awaited to them of which they can easily transport their farm products with the minimal cost of transportations. It also serves as a major road where they access the services on social, market, medical and other facilities that they needs. Please see attached Annex D.

#### 6.4 Damage to standing crops, house and/or properties

Table 1 below are the list of individual project affected person with their corresponding details of affected crops and properties thru the survey of BLGU and LGU. Farmers/owners have already executed their deed of donation with Entitlement Survey form.

Survey No.	Name of Head of Household	No. of Persons in HH	Land and Crop Losses					Structures Losses	
			Total Landholding of Hhold in sq. m.	Land to be Acquired by Type in sq. m.	Land Type	Loss as % of Total	Paddy area in sq. m.	Fruit trees Lost Type and Number	No. & Type of lost plant
1	Barangay Site		90,000	2,500	Res.	2.78%		10	rubber-5,buy-o-5
2	Efren Luspo		60,000	1,800	Agri.	3.00%		10	rubber-10,coconut-3,banana-2
3	Arsenio B. Suson		20,000	2,000	Agri.	10.00%		15	rubber-10,coconut-3-banana-2
4	Dante Santillan		15,000	1,000	Agri.	6.67%		10	rubber - 10
5	Edwin Tejada		10,000	1,000	Agri.	10.00%		7	rubber-4,banana-3
6	Efren Luspo		60,000	2,800	Agri.	4.67%		15	rubber-5, banana-5
7	Mayor Restituto Calonge		90,000	2,400	Agri.	2.67%		28	rubber-25, banana-2, coconut-1
8	SIFMA Company		20,000	1,000	Agri.	5.00%		4	rubber-4,banana-3
9	Dimas Camins		200,000	3,000	Agri.	1.50%		8	rubber-8
10	Pedro Manggaron		30,000	200	Agri.	0.67%		8	rubber-5,banana-3
11	Alejo Regidor		60,000	200	Agri.	0.33%		3	rubber-3
12	Premitiva Regidor		60,000	170	Agri.	0.28%		3	rubber-3
13	Regina Perez		60,000	250	Agri.	0.42%		9	rubber-4,coconut-5
14	Alejandro Olan-Olan		30,000	200	Agri.	0.67%		5	rubber-5
15	Regina Perez		20,000	200	Agri.	1.00%		10	rubber-10,
16	Alejo Regidor		60,000	400	Agri.	0.67%		3	rubber-3
17	Lito Tionco		100,000	1,500	Agri.	1.50%		6	rubber-6
18	Mayor Restituto Colonge		50,000	500	Agri.	1.00%		5	rubber-5
19	Nestor Tan		600,000	250	Agri.	0.04%		10	rubber-5,banana-3,gemilina-2
20	Dimas Camins		100,000	1,500	Agri.	1.50%		10	rubber-10
21	HERCULES Company		80,000	2,000	Agri.	2.50%		10	rubber-10
22	Arthur Luspo		45,000	200	Agri.	0.44%		5	rubber-5
23	Lito Tionco		50,000	1,500	Agri.	3.00%		10	rubber-10
24	Tito Pedroza		30,000	300	Agri.	1.00%		5	gemelina-5
25	Danny Chavez		30,000	600	Agri.	2.00%		17	rubber-2,coconut-3,gemelina-12
26	Valentin Semella		80,000	1,000	Agri.	1.25%		10	rubber-10
27	Teresita Alcantara		100,000	1,000	Agri.	1.00%		2	mango-1,rambutan-1

the Municipal also apply for a cutting permit to the DENR for the rubber trees, Gemelina, ect to be cut. Attached application letter to the DENR annex E.



## **6.5 Physical Displacement of Persons**

There are no permanent structures that need to relocate during the implementation of the sub-project. The project site is free from anyone who could cause delay because of displacement. The Barangay Official has already inform/consent to the individual neighboring lot owners that would be affected during the implementation of the projects. Thru Deed of Donation, the individual lot owners affected assured their support in the implementation of the projects thru their consent of signing of DOD.

## **6.6 Economic Displacement of persons**

Since the proposed sub-project is only to upgrading/Concreting, it will not adversely affect the existing farmland nor structure of the farmers and only the existing right of way allocation. The affected crops/lots could not affect their livelihood or socio economic lost due to minimal amount acquired, in table 1 shows the minimal 0.04% percent of their loss of which the higher percentage is only 10% acquired and signify there are no negative effect in acquiring their properties. The individual affected farmer lot owners signify their support thru signing of DOD, because they are most benefited when the project realize.

## **E. ENVIRONMENTAL ASSESSMENT/CONSIDERATIONS**

A long term Social and environment impact will be experienced by the local communities in the subproject areas. Cost of saving time for travel and good access of road marks the impact of development in the area. The delivery of goods and services and other amenities could paved the feeling of the constituents of being isolated. The trends of peace and order condition could also contribute business and employment opportunities in the area.

The existence of FMR could eradicate the notion of the people in the continuous destruction of our ecosystem due to survival. The enforcement of environmental laws and continuous advocacy and other information within the Municipality.

### **7.1 Natural habitat**

The road was constructed for more than a decade and at present, the deteriorated condition of the road and will traverse on highly productive agricultural area over a rolling and mountainous terrain. The area/land are planted by Rubber, Coconut, rice, corn, banana, Fruits and Root-crops.

### **7.2 Physical Cultural Resources**

There is no cultural structure, monument nor have any physical cultural resources been found within the surrounding influence area of the project, hence, no negative environmental impact is expected for this subject or area.

### **7.3 Terrain Soil Types and Rainfall**

#### **7.3.1 Terrain Soil Types**

The Municipality of Siay terrain is rolling trills, flat and swampy. The type of soil is 1. San Miguel series, which are classified into lowland, silts and loam found in the upland portion, 2. Bolaoen Series and 3. Antipolo Series are found in the areas near the mangroves /swampy and going to bay.

#### **7.3.2 Rainfall**

The Area falls under type IV or intermediate B type of the Corona System of classification wherein rainfall is more or less fairly distributed throughout the year, rainy season starts from the month of June to December and dry season is from the month of January to May.

Mean annual rainfall of the Municipality is about 118.27 inches. The temperature range pegged at 26.32.°C. Although, Siay is outside from the Typhoon belt of Mindanao it is still experience strong winds and scattered rain shower due to weather depression. During summer is the "Amihan" blowing towards the south and during rainy season is the "Habagat" towards the North.

As per record obtained from the Bureau of soils, it show that the Municipality type of soil is largely clay due to the extent of the fine grained Volcanic rocks, various Sedimentary derivatives and pyro-clastic materials. Upland areas are low in fertility due to high rates of leaching and low organic materials content.

### **7.4 Drainage Situations and Flooding Potential**

Temporary sedimentation of natural drainage ways, concentrated outflows from drains, Careful planning of cut & fill of earth surface, Re use of cut soil for backfilling and other land leveling Activities and Seeding and planting of erodible surfaces

### **7.5 Impacts during Construction**

One of the major activities is the roadway excavation/excavation works, these includes the widening of narrow sections and downgrading of steep slopes. Application of aggregates and spreading of base materials and soil stabilization along road fill sections is the primary works to be done during the construction phase.

## **F. FINANCIAL ASPECT**

### **8.1 Total Project Cost by Financing Source and Cost Sharing**

The total project cost amounting to **PhP61,183,154.63** of which 80% shall be funded by the Loan Proceeds **PhP48,946,523.70**, 10% funded by the Government of the Philippines (GOP) **PhP6,118,315.46** and also 10% will be funded by the Local Government Unit of Siay in the amount of **PhP6,118,315.46**.