

SOCIAL ASSESSMENT

6.0 Social Safeguard Aspects

6.1 Project Beneficiaries

The project beneficiaries are the entire 2,317 population of Brgy. Capalayan which is comprised of 437 households. Of this total population, there are 1,135 females and 1,182 males.

Of the population of Brgy. Capalayan, there are at least 30% farmers/fishermen; 20% are laborers and unskilled workers; 15% are professionals and about 10% are engaged in trade/business.

During the formulation of the Barangay Development Plan of Barangay Capalayan for CY 2010, the proposed construction of Sitio GUIISO farm to market road was identified by the barangay residents as one of their priority infrastructure needs during a two (2) day Participatory Rural Appraisal (PRA) conducted by the City Planning Team at the Covered Court of Barangay Capalayan in December 2-4, 2009. During the conduct of the BDP-PRA, a workshop was facilitated wherein the sectoral participants were given the opportunity to identify their priority concerns and/or basic needs for the barangay leaders to be delivered immediately. Aside from the infrastructure concerns, the residents including women sector also wanted the following concerns:

- Delivery of medicines and health supplies
- Feeding program
- Sanitary toilet program
- Animal dispersal program
- Backyard gardening
- Establishment of level-3 water system
- Emergency assistance program
- Small and medium industry capacity building

6.2 Indigenous Cultural Community/Indigenous Peoples (ICC/IP)

Barangay Capalayan is not located within an ancestral domain particularly the location of the proposed construction/concreting of GUIISO farm to market road. Hence, there is no IP community present within the project site.

6.3 Site and Right-of-Way Acquisition

The Road Right of Way of this proposed farm to market road had been identified by the barangay officials with the approval of the affected landowners, particularly the construction/concreting of a 5-meters carriageway of 0.15 meter thick and 1.5 meter graveled shoulder of both sides of the road. This is manifested through the execution of Deed of Donation of the affected portions issued to the barangay local government unit in favor for the construction of this proposed farm to market road. Most of the affected areas will be portions of nipa lands, rice lands, few coco trees and some vacant agricultural lands and small creeks. There will be six (6) shanties or nipa houses that will be affected or traversed by the proposed road. This

involved about six (6) families that will be relocated during implementation. These households were already informed of the proposed project and negotiated by the Barangay Council to be transferred in some other area and they agreed and willing to be relocated with the assistance of the Barangay Council. Assistance either in cash or in kind will be extended to the affected families. There will be no other livelihood activities of farmers /barangay residents that will be displaced.

6.4 Damage to standing crops, houses and/or properties

The construction of this farm to market road will be affecting few coconut trees, ricelands, nipa palms, and some grasses. These will be cut during clearing and grubbing works. There will be six (6) shanties or nipa houses that will be affected or traversed by the proposed road. This involved about six (6) families that will be relocated during implementation. These households were already informed of the proposed project and negotiated by the Barangay Council to be transferred in some other area and they agreed and willing to be relocated with the assistance of the Barangay Council. Assistance either in cash or in kind will be extended to the affected families.

6.5 Physical and Economic Displacement of Persons

There will be six (6) shanties or nipa houses that will be affected or traversed by the proposed road. This involved about six (6) families that will be relocated during implementation. These households were already informed of the proposed project and negotiated by the Barangay Council to be transferred in some other area and they agreed and willing to be relocated with the assistance of the Barangay Council. Assistance either in cash or in kind will be extended to the affected families.

6.6 Economic Displacement of Persons

Based on the survey in the project area, there will be no other livelihood activities of farmers /barangay residents that will be displaced.

E. ENVIRONMENTAL ASSESSMENT

7.0 Environmental Safeguard Aspects

7.1 Natural Habitat

The project site covers the existing farm to market road of earth type being utilized by the barangay residents as their farm to market road in going to and from their farm lands. It is surrounded by coco land, and other crop plantations. It is anticipated that crops like coconut (18 trees) will be cut and cleared to road ROW. In addition, there will be some nipa plants that will be cleared those which are along the creek. However, waterway obstruction shall be mitigated through installation of cross drain facilities across the said creek during the implementation. The project site is not declared or proposed protected area.

The ECC application for this particular project has yet to be applied / filed with the Environmental Management Bureau (EMB), Caraga Regional Office in Butuan City. The construction of this proposed farm to market road project will affect portions of cocolands. Some coco trees will be cut down during construction. The number of coco trees that will be affected will be determined during the conduct of actual as take survey, after which tree cutting permit will be applied with the Office of the Philippine Coconut Authority.

7.6 Social and Environmental Impacts

The implementation of the herein project may have minimal effects on the environment but on the other hand may bring positive effects too. These constraints and disadvantages of the project would require mitigating measures that are to be implemented to address environmental concern, as described in the succeeding table/matrix, to wit:

Table 5: Environmental Issues and Mitigation Measures

Issues (Potential Impacts)	Assessments	Mitigation Measures	Schedule/Du ration of the Mitigation Measures	Instrument of Implementatio n (POW, Contract, IDP, or O&M Plan)*	Respon- sible Unit
1. Temporary increase in sedimentation during construction	<p>[x] Topography of the road alignment necessitate massive earthmoving and cutting of clayey or loose topsoils</p> <p>[] Cut materials will consist mainly of hard rocks and are unlikely to generate significant sediments</p>	<p>[] Earthmoving/ cutting of slopes to be done during dry months</p> <p>[x] Proper disposal and compaction of spoils</p> <p>[] No measures required</p>	During construction	DED/POW; Contract	Contractor
2. Potential contamination of surface and groundwater with oil/grease	<p>[x] Waste oil and grease from equipment could contaminate surface water</p> <p>[] There will be no or insignificant amount of waste oil/grease</p>	[x] Proper handling and disposal of waste oil and grease	During construction	Contract	Contractor
3. Potential contamination with human waste	[x] Construction workers would be temporarily housed in a base camp	[x] Set up adequate latrine/ toilet facility at the base camp	During construction	Contract	Contractor