

Environmental and Social Management/Mitigation Plan (ESMP)

Name of Road: Improvement of Maytigbao-Balogo Farm-to-Market Road

Location: Municipality of Maydolong and Balangkayan, Eastern Samar

Implementing LGU: Provincial Government of Eastern Samar

Estimated number of beneficiaries: 997

Estimated Total Cost: P 35,401,000.00

Environmental Issues and Mitigation Measures

Issue (Potential Impact)	Assessment	Mitigation Measure	Schedule/Duration of the Mitigation Measures	Instru- ment of Implementat ion
1. Potential soil erosion along waterways	Materials will consist mainly of hard rocks and soils are unlikely to generate significant sediments.	-Proper planning on earth fill surface. -Reuse of cut soil for backfilling and other land levelling activities. -Proper disposal and compaction of spoils.	89 C.D. / Duration of items 104(2),105 & 505	Contract
2. Inadequate drainage resulting in flooding.	Improper water flow to the drainage system.	-Installation of cross drain system at STA. 3+958.20, STA. 4+212.40, STA. 4+417.00, STA. 4+495.00, STA. 4+621.50, STA. 4+712.00, STA. 4+858.80, STA. 5+013.00	6 C.D. / Duration of items 103(6) & 500	DED/ POW Contract
3. Potential to local employment	The construction will provide local hire employment opportunities.	-Hiring priority shall be given to local residents.	330 C.D. / Duration of the sub- project.	Contract
4. Potential generation of dust/mud during construction	Roads could become powdery during dry days and muddy during rainy days of the construction period.	-Sprinkling of roads during dry days and filling of potholes during rainy days, especially in residential areas. -Set-up speed limits for vehicles.	330 C.D. / Duration of the sub- project.	Contract
5. Potential disturbance of noise	Noise generation maybe at its peak during certain phases.	-Avoid use of heavy equipment during night time.	330 C.D. / Duration of the sub- project.	Contract
6. Potential landscape damages	Scarred from road cuts and induce landslides.	-Maintenance and restoration of roadside vegetation. -Construction spoils and other waste materials are properly disposed.	39 C.D. / Duration of items 100,103(6), 500 & 505	Contract