

- See to it that disbursements are in accordance with the approval sub-project work and financial plan.
- Ensures the timely flow of funds for the sub-project.

g. The Project Accounts In-Charge (The Municipal Accountant)

- Ensures that the disbursement for the sub-project is in accordance with the World Bank guidelines and the government auditing rules and regulations
- Review the supporting documents before the preparation of checks to ascertain its veracity, authenticity and completeness.
- Certifies the availability of funds as to which expenditures may be properly charged
- Ensures that expenditures are in accordance with the sub-project and the approved work and financial plan
- Prepare journals, maintain and keeps all records, reports of the sub-project for submission to management and other institution
- Certifies the correctness of the certificate of status of funds report and the statement of receipts and disbursement submitted monthly to Project Office
- Apprise the MRDP sub-project Management Organization, the members of the Monitoring Board and the LCE on the financial condition and operation of the sub-project
- Ensures the submission of all financial report to the project office
- Ensures compliance to the audit requirements and timely submission of the annual
- Maintains records and control of the disbursement for the MRDP sub-project per type of infrastructure and per funding source

h. The Technical Support Staff Members

- In-Charge of writing and packaging the Feasibility Study
- Take charge of the gathering of primary and secondary data needed in technical writing of the sub-project being proposed
- Undertake engineering technical services for the project
- Assist the Project Engineer in the performance of his duty
- Undertakes admin and support services for the project including but not limited to personnel, records, supply management and other auxiliary services
- Serve as project data processor and packaging reports for submission to the MRDP Project Office
- Provide admin services all throughout the duration of the sub-project

i. The Bids and Awards Committee

- It shall undertake the procurement activities of the project in accordance with the World Bank policies and guidelines and ensures transparency and good governance in the conduct of its functions

j. The Sub-Project Monitoring Board

- Ensures transparency and accountability of all matters relative to the project implementation of the sub-project level with the participation of the non-government organization or civil society
- Monitors project implementation activities and updates based on the approved plans and designs
- Monitors the implementation of the operation and maintenance of the completed infrastructure facilities

D. Social Assessment

1. Local Community Participation During Planning and Preparatory Activities

This project was conceptualized out of the pressing demand of the local communities within the area during the conduct of various consultation with the affected constituents. Consultative meetings were also conducted, opinions and recommendations were

considered, surveys made and commitments solicited among local leaders as well as the community.

2. *Right of Way Allocation for Existing Roadway and Canal Routes and their brief History*

The proposed project in the sub-project area will be implemented along the cadastral road. No private lands shall be encroached; hence securing right of way is no longer necessary.

3. *Project Affected Persons (PAP) and their characteristics*

No persons or residents shall be directly affected.

4. *Defining the Geographical Limits of Lands or Properties*

Sinawingan-Gumaga road is along cadastral road. No private lands were affected. In the course of project implementation, no agricultural cultivated fields shall be affected.

5. *Existing Land Use of Proposed Site*

The existing agricultural land use of the sub-project aggregate to more or less 1,172.6 hectares and another area indirectly benefits the project. The major crops in the influence area are rice, coconut, corn, mango and banana.

6. *Status of Right of Way Acquisition for Lands to be used by Road Project (DoD, quit claims, Permit to Enter/Construct/Operate, compensation if any)*

Right of Way acquisition is no longer necessary on account of the fact that the existing Sinawingan-gumaga Farm-to-Market road is along the cadastral road.

7. *Social Impact to Project Beneficiaries and Others*

The proposed project shall directly benefit three (3) sitios of barangays Sinawingan and Gumaga. In particular, there will be 1,418 households or a population of 6,083 who shall benefit from this facility. First, this facility shall reduce the traveling time of transporting their farm products to nearby market center of Poblacion. Second, by reducing the traveling time, it could also reduce the cost of doing business such as expenses to be incurred for fuel and fare. Moreover, the people would become more productive for they are able to perform several other transactions and economic activities. Third, with the presence of accessible road that links the nearest central market area – in Poblacion, more investors, traders, and entrepreneurs will be encouraged to engage in commerce and trading with the people in the sub-project area.

With the presence of economic enterprise undertakings in the area, it would imply employment generation and livelihood opportunities for the people. With an improved economic life, there will be less crimes, reduced poverty, improved health, increased literacy and elevated human dignity on the community. Therefore, in general, this project could spur socio-economic development in the sub-project area and the adjacent sitios for this road serves as routes going to upland area. Eventually, it could also of great benefits to other barangays and subsequently for the entire Municipality of Libungan.

9. *Presence of Indigenous Persons/Communities*

No inhabitants in the influence area are of indigenous tribe.

10. *Establishment of IP's/IC's are within Ancestral Domain*

The sub-project area is not within the ancestral domain.

E. ENVIRONMENTAL CONSIDERATIONS

1. Impacts

The following are the most possible adverse effects of the sub-project in the whole duration of the construction and operation phase.

- Noise – the impact of noise is mainly due to heavy equipment in operation. However, only a few residents will experience this noise since the sub-project is relatively far from the project site.
- Siltation – earthwork will generate volume of disturbed soil and rocks that could be eroded during the rains.
- Water inferior quality – the organic pollutants derived from the use of fuel, oil and grease from heavy equipment to be used in the operation may percolate and find their way to streams and rivers.
- Dust – while in operation and maintenance, dust will certainly be produced.
- Risk of Life – accidents could happen at anytime, as workers will be exposed to, namely: slipping, tripping, falling and unlikely contact with heavy equipment which may lead to death. Health condition may be aggravated by the actual operational activities.
- Interference with the movement of livestock and local residences
- Flooding
- Stream and Lake sedimentation
- Trash and garbage
- Presence of non-residents labor force

2. Mitigating/Enhancement Measures

To avoid any company damage to the environment, here are some mitigating measures that can be undertaken using the basic design considerations:

- Provide noise barriers
- Do earth-moving activities during day time
- Conduct proper silting, avoid sensitive environments
- Install sediment basin
- Recycle lubricants
- Set-up dust control by application of water
- Rerouting of vehicular traffic and putting up of proper signage

3. *Cost of Mitigation*

The cost of mitigation is actually integrated in the program of work.

4. *Responsible Units*

All stakeholders of the projects have their respective responsibility in making sure that the mitigating measures are installed and implemented.

5. *Analysis of More Critical Environment Impacts and How These were Addressed in the Technical Design.*

All of the critical implications brought about by these sub-projects are carefully considered in the technical design.

1.0 Pre-construction Phase (Site Selection, Planning/Design, Procurement, Hiring)

1.1	Site Selection and Planning/ Design	<input type="checkbox"/> Encroachment in Protected Areas/ natural/critical habitats (e.g. mangrove/forest ecosystems, coral reefs, & other aquatic ecosystems) <input type="checkbox"/> Inconsistent with protected area zoning	<input type="checkbox"/> Consider alternative site or design to be compatible with the PA zoning <input type="checkbox"/> Secure PAMB Resolution for PA	<input type="checkbox"/> LGU _____ <input type="checkbox"/> PO/NGO _____	Integrated in Pre-construction Cost: P50/person * # pax * # meetings PhP _____
		<input type="checkbox"/> Damage to flora and disturbance to fauna in forest areas/other critical habitats	<input type="checkbox"/> Consider alternative site or design to reduce effects on flora and fauna <input type="checkbox"/> Secure Special Land Use Permit, Tree Cutting Permit and/or Right-of-Way Permit from DENR-FMB and permits from PAWB for affected wildlife	<input type="checkbox"/> LGU _____ <input type="checkbox"/> PO/NGO _____	Integrated in Pre-construction Cost: Permit fees for SLUP, TCP, ROW PhP _____
		<input type="checkbox"/> Land acquisition, ROW conflict, resettlement, structure and crops damage, business loss	<input type="checkbox"/> Consider alternative site with less or no involuntary resettlement issues <input type="checkbox"/> Secure Deed of Donation or Quit Claim on land <input type="checkbox"/> Prepare compensation package, e.g. Land Acquisition, Resettlement & Rehabilitation Plan (LARRP) or Resettlement Action Plan (RAP) thru prior consultation with Project Affected Persons (PAPs) <input type="checkbox"/> Identify resettlement site (if selected as option) and subject the RAP to consultation with host community <input type="checkbox"/> Implement the LARR/RAP, including payments of compensation, at least a month prior to start of Construction Works	<input type="checkbox"/> LGU _____ <input type="checkbox"/> PO/NGO _____	Integrated in Pre-construction Cost: Compensation Package (Refer to LARR): PhP _____ Purchase of Resettlement site (integrate in Project Cost & make available before Construction Phase)
		<input type="checkbox"/> Encroachment in areas with IPs/lands with Ancestral Domain Claim	<input type="checkbox"/> Reroute FMR if possible to lessen impacts, unless the IPs are among the beneficiaries of the FMR <input type="checkbox"/> Apply for FBI and secure FPIC from the IPs thru the NCIP	<input type="checkbox"/> LGU _____ <input type="checkbox"/> PO/NGO _____	Integrated in Pre-construction Cost: P5,000/ Survey; P50/person * # pax * # meetings PhP _____
		<input type="checkbox"/> Damage or cause disturbance to adjacent or nearby sites of Cultural Heritage	<input type="checkbox"/> Change the FMR location or design to avoid or lessen probability of damage <input type="checkbox"/> Secure NHI clearance & coordinate on design/ construction works	<input type="checkbox"/> LGU _____ <input type="checkbox"/> PO/NGO _____	Integrated in Pre-construction Cost: Clearance Fees PhP _____
		<input checked="" type="checkbox"/> Unstable or disturbed slopes/ banks may cause damage to FMR	<input checked="" type="checkbox"/> Include in the design appropriate erosion control, slope stabilization and protection measures	<input type="checkbox"/> LGU _____ <input type="checkbox"/> PO/NGO _____	Included in the Design & Construction Cost : PhP _____
		<input type="checkbox"/> Negative reactions from the public due to lack of information and coordination	<input type="checkbox"/> Hold consultative meetings with project beneficiaries and affected persons on the project components and mgt plan	<input type="checkbox"/> LGU _____ <input type="checkbox"/> PO/NGO _____	Integrated in Pre-construction Cost: P50/person * # pax * # meetings PhP _____
1.2	Procurement	<input checked="" type="checkbox"/> Possible illegal or unauthorized sourcing of raw/construction materials	<input checked="" type="checkbox"/> Procure construction materials from licensed sources, i.e. for sand and gravel, from those with valid MGB/EMB permits; for timber resources, from those with valid FMB/EMB permits	<input type="checkbox"/> LGU _____ <input type="checkbox"/> PO/NGO _____	Cost of Purchases from licensed sources - - Integrated in Pre- & Construction Costs: PhP _____
1.3	Hiring of labor and other manpower services	<input checked="" type="checkbox"/> Increased employment opportunity and community income <input checked="" type="checkbox"/> Entry of external workforce	<input checked="" type="checkbox"/> Give hiring preference to qualified local community residents, particularly those who will be displaced	<input checked="" type="checkbox"/> LGU _____ <input checked="" type="checkbox"/> PO/NGO _____	Local Hiring cost integrated in Pre- & Construction Costs: PhP _____

2.0 Construction Phase

2.1		<input checked="" type="checkbox"/> Soil erosion and	<input type="checkbox"/> Provide slope protection through bank	<input checked="" type="checkbox"/> Presence of	Contractor:	Slope/Erosion Control
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<input type="checkbox"/>	Removal of vegetation and disturbance to wildlife	<input type="checkbox"/> Secure prior DENR Tree Cutting Permit (TCP) <input type="checkbox"/> Do replacement planting with double purpose of serving as vegetation buffers for disturbed wildlife <input type="checkbox"/> In forest roads, put up wildlife conservation signs, and set guidelines with corresponding IEC for workers to prohibit wildlife collection, hunting, poaching, with meaningful consequences for violation such as employment termination	<input type="checkbox"/> Presence of FMB TCP <input type="checkbox"/> Area replanted <input type="checkbox"/> Presence of signages <input type="checkbox"/> # of violations to set guidelines	Contractor: _____	Integrate in Construction Cost: -Replacement planting cost depends on area opened up; PhP_____ - P5,000 for signages/posters -IEC meetings at P50/pax: PhP_____
<input checked="" type="checkbox"/>	Dust suspension from spoils stockpiles, vehicle movement in unpaved roads & construction works	<input checked="" type="checkbox"/> Compact spoils storage areas <input checked="" type="checkbox"/> Wet areas of dust sources to minimize discomfort to nearby residents <input checked="" type="checkbox"/> Control of vehicle speed to lessen suspension of road dust	<input type="checkbox"/> # public complaints received by Proponent/ Contractor	Contractor: _____	Water spraying cost integrated in Construction Cost: PhP_____
<input checked="" type="checkbox"/>	Obnoxious gas & particulate emissions from vehicles, heavy equipment & genset	<input checked="" type="checkbox"/> Regular equipment M&R <input checked="" type="checkbox"/> Contractor to present proof of compliance with emission standards as part of the annual vehicle registration process	<input type="checkbox"/> Presence of black smoke from construction sources	Contractor: _____	Equipment M&R integrated in Construction Cost : PhP_____
	Noise generation from heavy equipment & genset operations	Schedule equipment movement during non-peak hours of daytime vehicular traffic Minimize night-time construction activities Provide housing for gensets, if near residences Provide silencers/mufflers for heavy equipment	# public complaints received by Proponent/ Contractor	Contractor: _____	Genset housing integrated in Construction Cost: PhP_____
<input checked="" type="checkbox"/>	Increased river turbidity & siltation, causing inconvenience in community use of the affected river water	<input checked="" type="checkbox"/> Set up sediment traps along rivers and/or gabions along banks to filter out eroded sediments <input checked="" type="checkbox"/> Same measures above for erosion control and slope stabilization	<input checked="" type="checkbox"/> # public complaints received by Proponent/ Contractor	Contractor: _____	Silt trap/stilling ponds integrated in Construction Cost: PhP_____
<input checked="" type="checkbox"/>	Oil & grease contamination of water bodies due to poor equipment M&R & refuelling	<input checked="" type="checkbox"/> Provide oil & grease traps in stilling ponds <input checked="" type="checkbox"/> Provide ring canals around fuelling tanks/ motorpool/ maintenance areas <input checked="" type="checkbox"/> Collect used oils in containers	<input checked="" type="checkbox"/> Presence of oil film on water surface; <input checked="" type="checkbox"/> # public complaints received by Proponent/ Contractor	Contractor: _____	O&G traps & ring canals integrated in Construction Cost: PhP_____
<input checked="" type="checkbox"/>	Decreased public access through the construction area	<input checked="" type="checkbox"/> Designate an alternate route for pedestrian and vehicles in coordination with the LGU or provide safe passageway thru the construction site	<input checked="" type="checkbox"/> # public complaints received by Proponent/ Contractor	Contractor: _____	Alternative access & its M&R integrated in Construction Cost: PhP_____
<input checked="" type="checkbox"/>	Increased traffic due to frequent heavy equipment/ vehicle movement	<input checked="" type="checkbox"/> Schedule vehicle movement during lean daytime traffic hours or at night. <input checked="" type="checkbox"/> Provide traffic aides/flagmen (e.g. thru barangay) , traffic signs to help ensure the free and safe flow of traffic <input checked="" type="checkbox"/> Maintain & Repair temporary alternative route of vehicles & pedestrians	<input checked="" type="checkbox"/> Presence of traffic signs <input checked="" type="checkbox"/> # of public complaints received by Proponent/ Contractor <input checked="" type="checkbox"/> Occurrence of traffic build-up	Contractor: _____	Integrated in Construction Cost: - P5,000 for signage, safety nets and lighting); - LGU Traffic Aides : PhP_____ - Allocate equipment for repair
<input checked="" type="checkbox"/>	Increased community hazards of vehicular accidents and construction works	<input checked="" type="checkbox"/> Provide appropriate warning signs, lighting and barricades, whenever practicable <input checked="" type="checkbox"/> Observe traffic rules, e.g. vehicle speed. <input checked="" type="checkbox"/> Observe proper housekeeping during construction and demobilization to clear site of construction debris <input checked="" type="checkbox"/> Provide on-site medical services and supplies for any emergency, thru institutional and administrative arrangements with the barangay health unit.	<input checked="" type="checkbox"/> Presence of signages <input checked="" type="checkbox"/> # of accidents <input checked="" type="checkbox"/> Presence of scattered construction debris	Contractor: _____	Signages & LGU traffic aides cost earlier integrated in Construction Cost; Housekeeping/Clean-up integrated in Construction Cost: PhP_____
<input checked="" type="checkbox"/>	Occupational health hazards to workers	<input checked="" type="checkbox"/> Require all workers to strictly observe safety standards <input checked="" type="checkbox"/> Put up safety signs along the road construction route <input checked="" type="checkbox"/> Provide potable water & sanitary facilities for construction workers	<input checked="" type="checkbox"/> Presence of signages <input checked="" type="checkbox"/> Quality of water source <input checked="" type="checkbox"/> Presence of adequate sanitary facilities <input checked="" type="checkbox"/> # of medical complaints or	Contractor: _____	Potable water supply & sanitary facilities integrated in Construction Cost: PhP_____

	<input checked="" type="checkbox"/> Increased micro-economic activity within the area	<input checked="" type="checkbox"/> Coordinate with the LGU on management of traffic & handling of solid waste <input checked="" type="checkbox"/> Comply with city/town ordinances	<input type="checkbox"/> # businesses <input type="checkbox"/> Presence of clean commercial area <input type="checkbox"/> Low traffic	Contractor: _____ _____	Coordination at minimal cost (Integrated in construction cost): PhP _____
	<input type="checkbox"/> Damage to cultural property which may be traversed or encountered during construction	<input type="checkbox"/> If not possible to reroute, observe reporting and conservation protocols based on prior coordination with the NHI/NM	<input type="checkbox"/> Presence of clearance <input type="checkbox"/> # of public complaints received by Proponent & Contractor	Contractor: _____ _____	Minimal cost (letter or meeting): PhP _____
	<input checked="" type="checkbox"/> Impact to IPs, women & other vulnerable groups who may be affected by the road construction, including those who may be inconvenienced in their use of the river downstream for domestic works.	<input checked="" type="checkbox"/> Addressed by measures to prevent water quality impacts <input checked="" type="checkbox"/> Prior consultation & coordination to minimize disruption on daily domestic activities & avoid violation of human rights	<input checked="" type="checkbox"/> # of public complaints received by Proponent & Contractor	Contractor: _____ _____	Coordination integrated in Construction Cost :P50/person * # pax * # meetings: PhP _____
	<input checked="" type="checkbox"/> Over-flooding of the roadway due to excessive accumulation of rainwater and un-diverted waterways	<input checked="" type="checkbox"/> Provision of adequate drainage system and proper road grading so that roadway will not be prone to flooding & erosion	<input checked="" type="checkbox"/> Pools of water on the road after rains	<input checked="" type="checkbox"/> Contractor: Project Engineer	Bridge drainage & grading integrated in Construction Cost: PhP _____
2.2 Monitoring of quality of construction works	<input checked="" type="checkbox"/> Poor M&E or lack of it can result to sub-standard construction or use of sub-standard materials , potentially resulting to structural damages which can unnecessarily expose FMR users to hazards and accidents <input checked="" type="checkbox"/> Good Maintenance result to Quality Assurance for sustainability of FMR	<input checked="" type="checkbox"/> Regular Project M&E integrates environmental M&E on conformance to original design/specs <input checked="" type="checkbox"/> Allocation of sufficient budget for project M&E <input checked="" type="checkbox"/> Designate, deputize or enter into an agreement with the barangay LGU or local community for transparent M&E of construction works <input checked="" type="checkbox"/> Provision for Contractor's performance bond or withholding final payment until repairs are done before turn-over by the Contractor to the LGU/PO/NGO	<input checked="" type="checkbox"/> Occurrence of damages during construction <input checked="" type="checkbox"/> Visual presence of sub-standard materials <input checked="" type="checkbox"/> % completion per schedule and budget	Contractor: QC/QA Engineer LGU: MPMIU/SPMU/ MEO, Brgy. Govt. Local Community Rep: Tribal/Purok Leaders	Cost of measures integrated in Project M&E: LGU operations PhP _____

3.0 Operation and Maintenance

	<input checked="" type="checkbox"/> Un-sustained FMR operations at optimum capacity due to structural damages	<input checked="" type="checkbox"/> Prepare and implement an acceptable O & M Plan <input checked="" type="checkbox"/> Sustained and regular monitoring and maintenance & repair of FMR structure <input checked="" type="checkbox"/> Allocate sufficient budget for M&E and maintenance and repair <input checked="" type="checkbox"/> Designate, deputize or enter into an agreement with the barangay LGU or local community for M&E of the FMR status <input checked="" type="checkbox"/> Provide appropriate load limit sign at FMR approach to lessen/prevent passing of overloaded vehicles	<input checked="" type="checkbox"/> No. of accurate reports on O&M status <input checked="" type="checkbox"/> No. of back-jobs <input checked="" type="checkbox"/> % repaired cracks	<input checked="" type="checkbox"/> LGU: MPMIU/SPMU, MEO, Brgy. Govt. <input checked="" type="checkbox"/> Local Community Rep: Tribal/Purok Leaders	Cost of measures integrated in Project M&E: LGU operations PhP _____ (Note: Signages earlier integrated in Construction Cost)
	<input checked="" type="checkbox"/> Obstruction of water flow and aggregation of garbage	<input checked="" type="checkbox"/> Regular removal of debris and other materials clogging the road culverts upstream of the FMR that may obstruct water flow	<input checked="" type="checkbox"/> Occurrence of accumulated garbage upstream of the FMR <input checked="" type="checkbox"/> Occurrence of damming	<input checked="" type="checkbox"/> LGU: Municipal & Brgt. Gov't. <input checked="" type="checkbox"/> Local Community/ Road users	Debris Collection is LGU cost
	<input checked="" type="checkbox"/> Exposure of FMR users to vehicular hazards	<input checked="" type="checkbox"/> Provide appropriate vehicular safety warning signs at FMR approach	<input checked="" type="checkbox"/> # of accidents	<input checked="" type="checkbox"/> LGU: MPMIU/SPMU/ MEO	Cost of signages was earlier integrated in Construction Cost



**ENVIRONMENTAL
MANAGEMENT BUREAU**

Republic of the Philippines
Department of Environment and Natural Resources
ENVIRONMENTAL MANAGEMENT BUREAU XII
Purok St. Gabriel, Zone III, Koronadal City
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IN ACCORDANCE WITH THE REVISED PROCEDURAL MANUAL FOR
DENR ADMINISTRATIVE ORDER NO. 30, SERIES OF 2003 OF PRESIDENTIAL
DECREE NO. 1586, THIS

CERTIFICATE OF NON-COVERAGE

No. **CNC-R12-1211-0018**

IS ISSUED TO

MUNICIPAL GOVERNMENT UNIT OF LIBUNGAN

Brgy. Poblacion, Libungan, Cotabato

ON

11/12/2012

(Date of Issuance)

FOR ITS PROJECT

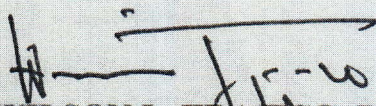
**CONCRETING PORTION OF SINAWINGAN-GUMAGA
ROAD**

*Located at Brgy. Sinawingan Libungan, North Cotabato, R12 (Infrastructure Projects;
Minor Roads and Bridges; Roads, new construction, widening (including RO-RO
facilities); (Not Applicable); < 2 km length)*

THE ISSUANCE OF THIS CERTIFICATE SHALL NOT EXEMPT THE GRANTEE FROM COMPLIANCE WITH APPLICABLE ENVIRONMENTAL LAWS, RULES AND REGULATIONS INCLUDING THE PERMITTING REQUIREMENTS OF OTHER GOVERNMENT AGENCIES. MOREOVER, ANY EXPANSION AND/OR MODIFICATION OTHER THAN SPECIFIED ABOVE MAY BE CONSIDERED AS A VIOLATION OF P.D. 1586 (EIA SYSTEM) AND SHALL BE SUBJECT TO IMPOSITION OF FINES/PENALTIES AMOUNTING TO PHP50,000.00.

Recommending Approval:

Approved:


WILSON L. TRAJICO, PME, MEP
Chief, EIAMD


MA. SOCORRO C. LANTO
Regional Director