#### 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

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 two (2) sitios of barangays Gumaga and Cabpangi. In particular, there will be 861 households or a population of 3,993 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.

11. Status of NCIP Application

### 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

1.1 Site	Encroachment in	Consider alternative site or	LGU Integrate	ed in Pre-
Site Selectio n and Planning / Design	Protected Areas/ natural/critical habitats (e.g. mangrove/forest	design to be compatible with the PA zoning	construct P50/per * # mee PhP	stion Cost: son * # pax tings
	ecosystems, coral reefs, & other aquatic ecosystems) Inconsistent with protected area zoning	Secure PAMB Resolution for PA	D PO/NG O	
				ad in Pro
	Damage to flora and disturbance to fauna in forest areas/other critical habitats	<ul> <li>Consider alternative site or design to reduce effects on flora and fauna</li> <li>Secure Special Land Use Permit, Tree Cutting Permit and/or Right- of-Way Permit from DENR-FMB and permits from PAWB for affected wildlife</li> </ul>	LGU Integrat construct Permit f SLUP, T PhP	ed in Fre- ction Cost: ees for TCP, ROW
			O PO/NG O	
	Land acquisition, ROW conflict,	Consider alternative site with less or no involuntary resettlement issues	LGU Integrat constru Compet	ed in Pre- ction Cost: nsation
	structure and crops damage, business loss	Secure Deed of Donation or Quit Claim on land	Packag LARR): PhP	e (Refer to
	business loss	Dusiness loss       Prepare compensation package,         e.g. Land Acquisition,         Resettlement & Rehabilitation         Plan (LARRP) or Resettlement         Action Plan (RAP) thru prior         consultation with Project Affected         Persons (PAPs)         Identify resettlement site (if         selected as option) and subject         the RAP to consultation with host         community	O Purchas ————————————————————————————————————	Purchase of Resettlement site (integrate in Project Cost & make available before Construction Phase) Integrated in Pre- construction Cost: P5,000/ Survey; P50/person * # pax * # meetings PhP
			availab Constru Phase)	
		Implement the LARR/RAP, including payments of compensation, at least a month prior to start of Construction Works		
	Encroachment in areas with IPs/lands with Ancestral Domain Claim	<ul> <li>Reroute FMR if possible to lessen impacts, unless the IPs are among the beneficiaries of the FMR</li> <li>Apply for FBI and secure FPIC from the IPs thru the NCIP</li> </ul>	LGU Integr constr P5,00	
			□ PO/NG P50/p O pax * PhP_	
	<ul> <li>Damage or cause disturbance to adjacent or nearby sites of Cultural Heritage</li> <li>Unstable or disturbed slopes/ banks may cause damage to FMR</li> </ul>	e or cause       Change the FMR location or         ance to       design to avoid or lessen         probability of damage       probability of damage         Cultural       Secure NHI clearance &         e       coordinate on design/         construction works       construction works	LGU Integr constr Clear	Integrated in Pre- construction Cost: Clearance Fees
			□ PO/NG 0	
		<ul> <li>Include in the design appropriate erosion control, slope stabilization</li> </ul>	LGU Include Design	d in the
		• and protection measures	_ Constru □ PO/NG PhP_ O	uction Cost
	Negative reactions	Hold consultative meetings with	LGU Integra	ated in Pre-

Procurement	unauthorized sourcing of raw/construction materials	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		PO/NG O	from licensed sources Integrated in Pre- & Construction Costs: PhP
1.3 Hiring of labor and other manpow er services	<ul> <li>☑ Increased employment opportunity and community income</li> <li>☑ Entry of external workforce</li> </ul>	Give hiring preference to qualified local community residents, particularly those who will be displaced		₫ LGU  ₫ PO/NGO	Local Hiring cost integrated in Pre- & Construction Costs: PhP
2.0 Constr	uction Phase				
2.1 Mobilization/ Temfacil /Bridge Construction/ Demob	☑ Soil erosion and landslides due to clearing/ excavation operations	Provide slope protection through bank compaction, rip-rapping on critical sections, or vegetative stabilization Designate a Spoils Storage Area, with topsoil set aside for later use and allow maximum re-use of spoils	<ul> <li>Presence of eroded areas near the site</li> <li>Occurrence of landslide</li> </ul>	Contractor:	Slope/Erosion Control Measures integrated in Construction Cost: PhP
	Removal of vegetation and disturbance to wildlife	<ul> <li>Secure prior DENR Tree Cutting Permit (TCP)</li> <li>Do replacement planting with double purpose of serving as vegetation buffers for disturbed wildlife</li> <li>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</li> </ul>	<ul> <li>Presence of FMB TCP</li> <li>Area replanted</li> <li>Presence of signages</li> <li># of violations to set guidelines</li> </ul>	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
	Dust suspension from spoils stockpiles, vehicle movement in unpaved roads & construction works	<ul> <li>☑ Compact spoils storage areas</li> <li>☑ Wet areas of dust sources to minimize discomfort to nearby residents</li> <li>☑ Control of vehicle speed to lessen suspension of road dust</li> </ul>	# public complaints received by Proponent /	Contractor:	Water spraying cost integrated in Construction Cost: PhP
	Obnoxious gas & particulate emissions from vehicles, heavy equipment & genset	<ul> <li>Regular equipment M&amp;R</li> <li>Contractor to present proof of compliance with emission standards as part of the annual vehicle registration process</li> </ul>	<ul> <li>Presence</li> <li>of black</li> <li>smoke</li> <li>from</li> <li>constructi</li> <li>on</li> <li>sources</li> </ul>	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
	Increased river turbidity & siltation, causing inconvenience in community use of the affected river water	<ul> <li>Set up sediment traps along rivers and/or gabions along banks to filter out eroded sediments</li> <li>Same measures above for erosion control and slope stabilization</li> </ul>	<ul> <li># public complaints received by Proponent / Contractor</li> </ul>	Contractor:	Silt trap/stilling ponds integrated in Construction Cost: PhP
	✓ Oil & grease contamination of water bodies due to poor equipment M&R &	<ul> <li>Provide oil &amp; grease traps in stilling ponds</li> <li>Provide ring canals around fuelling tanks/ motorpool/ maintenance</li> </ul>	Presence of oil film on water surface:	Contractor:	O&G traps & ring canals integrated in Construction Cost:

Decreased public access through the construction area	☑ Designate an alternate route for pedestrian and vehicles in coordination with the LGU or provide safe passageway thru the construction site	# public complaints received by Proponent/ Contractor	Contractor:	Alternative access & its M&R integrated in Construction Cost: PhP
Increased traffic due to frequent heavy equipment/ vehicle movement	<ul> <li>Schedule vehicle movement during lean daytime traffic hours or at night.</li> <li>Provide traffic aides/flagmen (e.g. thru barangay), traffic signs to help ensure the free and safe flow of traffic</li> <li>Maintain &amp; Repair temporary alternative route of vehicles &amp; pedestrians</li> </ul>	<ol> <li>Presence of traffic signs</li> <li># of public complaints received by Proponent/ Contractor</li> <li>Occurrence of traffic build-up</li> </ol>	Contractor:	Integrated in Construction Cost: - P5,000 for signage, safety nets and lighting); - LGU Traffic Aides : PhP - Allocate equipment for repair
✓ Increased community hazards of vehicular accidents and construction works	<ul> <li>Provide appropriate warning signs, lighting and barricades, whenever practicable</li> <li>Observe traffic rules, e.g. vehicle speed.</li> <li>Observe proper housekeeping during construction and demobilization to clear site of construction debris</li> <li>Provide on-site medical services and supplies for any emergency, thru institutional and administrative arrangements with the barangay health unit.</li> </ul>	<ul> <li>Presence of signages</li> <li># of accidents</li> <li>Presence of scattered constructio n debris</li> </ul>	Contractor:	Signages & LGU traffic aides cost earlier integrated in Construction Cost; Housekeeping/Cle an-up integrated in Construction Cost; PhP
Occupational health hazards to workers	<ul> <li>Require all workers to strictly observe safety standards</li> <li>Put up safety signs along the road construction route</li> <li>Provide potable water &amp; sanitary facilities for construction workers</li> </ul>	<ul> <li>Presence         <ul> <li>of signages</li> <li>Quality of                 <ul> <li>water</li> <li>source</li></ul></li></ul></li></ul>	Contractor:	Potable water supply & sanitary facilities integrated in Construction Cost: PhP
Increased micro- economic activity within the area	<ul> <li>I Coordinate with the LGU on management of traffic &amp; handling of solid waste</li> <li>I Comply with city/town ordinances</li> </ul>	<ul> <li>#</li> <li>businesse</li> <li>S</li> <li>Presence</li> <li>of clean</li> <li>commerci</li> <li>al area</li> <li>Low traffic</li> </ul>	Contractor:	Coordination at minimal cost (Integrated in construction cost ): PhP
Damage to cultural property which may be traversed or encountered during construction	If not possible to reroute, observe reporting and conservation protocols based on prior coordination with the NHI/NM	<ul> <li>Presence of clearance</li> <li># of public complaints received by Proponent &amp; Contractor</li> </ul>	Contractor:	Minimal cost (letter or meeting): PhP
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	<ul> <li>Addressed by measures to prevent water quality impacts</li> <li>Prior consultation &amp; coordination to minimize disruption on daily domestic activities &amp; avoid violation of human rights</li> </ul>	# of public complaints received by Proponent & Contractor	Contractor:	Coordination integrated in Construction Cost :P50/person * # pax * # meetings: PhP

### Concreting of Katitisan-Cabpangi FMR

2.2 Monitoring of quality of construction works	<ul> <li>Poor M&amp;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</li> <li>Good Maintenance result to Quality Assurance for sustainability of FMR</li> </ul>	<ul> <li>Regular Project M&amp;E integrates environmental M&amp;E on conformance to original design/specs</li> <li>Allocation of sufficient budget for project M&amp;E</li> <li>Designate, deputize or enter into an agreement with the barangay LGU or local community for transparent M&amp;E of construction works</li> <li>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</li> </ul>	<ul> <li>Occurrence of damages during constructio n</li> <li>Visual presence of sub- standard materials</li> <li>% completion per schedule and budget</li> </ul>	Contractor: QC/QA Engineer LGU: MPMIU/SPM U/MEO, Brgy. Govt. Local Community Rep: Tribal/Purok Leaders	Cost of measures integrated in Project M&E: LGU operations PhP
3.0 Operation	on and Maintenance				
	Un-sustained FMR operations at optimum capacity due to structural damages	<ul> <li>Prepare and implement an acceptable O &amp; M Plan</li> <li>Sustained and regular monitoring and maintenance &amp; repair of FMR structure</li> <li>Allocate sufficient budget for M&amp;E and maintenance and repair</li> <li>Designate, deputize or enter into an agreement with the barangay LGU or local community for M&amp;E of the FMR status</li> <li>Provide appropriate load limit sign at FMR approach to lessen/prevent passing of overloaded vehicles</li> </ul>	<ul> <li>No. of accurate reports on O&amp;M status</li> <li>No. of back-jobs</li> <li>% repaired cracks</li> </ul>	<ul> <li>✓ LGU:</li> <li>MPMIU/SPM</li> <li>U, MEO,</li> <li>Brgy. Govt.</li> <li>✓ Local</li> <li>Community</li> <li>Rep:</li> <li>Tribal/Purok</li> <li>Leaders</li> </ul>	Cost of measures integrated in Project M&E: LGU operations PhP (Note: Signages earlier integrated in Construction Cost)
	☑ Obstruction of water flow and aggregation of garbage	☑ Regular removal of debris and other materials clogging the road culverts upstream of the FMR that may obstruct water flow	<ul> <li>Occurrence of accumulate d garbage upstream of the FMR</li> <li>Occurrence of damming</li> </ul>	<ul> <li>✓ LGU: Municipal &amp; Brgt. Gov't.</li> <li>✓ Local Community / Road users</li> </ul>	Debris Collection is LGU cost
	<ul> <li>Exposure of FMR users to vehicular hazards</li> </ul>	☑ Provide appropriate vehicular safety warning signs at FMR approach	₫ # of accidents	☑ LGU: MPMIU/SPM U/MEO	Cost of signages was earlier integrated in Construction Cost



MANAGEMENT BUREAU

Republic of the Philippines Department of Environment and Natural Resources **ENVIRONMENTAL MANAGEMENT BUREAU XII** Purok St. Gabriel, Zone III, Koronadal City Email address: embxii@yahoo.com/emb\_denrxii@yahoo.com Tel. Fax (083) 2284848 Tel. No. (083) 228-8812



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-R12-1211-0014

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 KABPANGI-KATITISAN** ROAD

Located at Brgy. Batiocan Libungan, North Cotabato, R12 (Infrastructure Projects; Minor Roads (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 SUBJECTED TO IMPOSITION OF FINES/PENALTIES AMOUNTING TO PHP50,000.00.

**Recommending Approval:** 

ar. WILSON L. TRANCO, PME, MEP Chief, EIAMD

Approved:

MA. SOCORI

**Regional Director**