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

Poblacion-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 Poblacion-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 Pobalcion and Gumaga. In particular, there will be 1,418 households (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.

11. Status of NCIP Application

NCIP Application is not applicable.

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.

1.1 Site Selectio n and Planning	Encroachment in Protected Areas/ natural/critical habitats (e.g.	e Selection, Planning/Design, Pro	LGU Integrated in Pre- construction Cost: P50/person * # pay * # meetings PhP
er re ar In p	 mangrove/forest ecosystems, coral reefs, & other aquatic ecosystems) Inconsistent with protected area zoning 	Secure PAMB Resolution for PA	□ PO/NG 0
	Damage to flora and disturbance to fauna in forest areas/other critical habitats	 Consider alternative site or design to reduce effects on flora and fauna Secure Special Land Use Permit, Tree Cutting Permit and/or Right- of-Way Permit from DENR-FMB and permits from PAWB for affected wildlife 	LGU Integrated in Pre- construction Cost: Permit fees for SLUP, TCP, ROW PhP O
	Land acquisition, ROW conflict, resettlement, structure and crops damage, business loss	 Consider alternative site with less or no involuntary resettlement issues Secure Deed of Donation or Quit Claim on land 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 Implement the LARR/RAP, including payments of compensation, at least a month prior to start of Construction Works 	LGU Integrated in Pre- construction Cost: Compensation Package (Refer to LARR): PhP O Purchase of Resettlement site (integrate in Project Cost & make available before Construction Phase)
	Encroachment in areas with IPs/lands with Ancestral Domain Claim	 Reroute FMR if possible to lessen impacts, unless the IPs are among the beneficiaries of the FMR Apply for FBI and secure FPIC from the IPs thru the NCIP 	LGU Integrated in Pre construction Cos P5,000/ Survey; PO/NG P50/person * # O pax * # meetings PhP
	Damage or cause disturbance to adjacent or nearby sites of Cultural Heritage	 Change the FMR location or design to avoid or lessen probability of damage Secure NHI clearance & coordinate on design/ construction works 	LGU Integrated in Pre construction Cos Clearance Fees PhP O PO/NG O
	Unstable or disturbed slopes/ banks may cause damage to FMR	Include in the design appropriate erosion control, slope stabilization and protection measures	LGU Included in the Design & Construction Cost
	Negative reactions from the public due to lack of information and coordination	Hold consultative meetings with project beneficiaries and affected persons on the project components and mgt plan	LGU Integrated in Pre- construction Cost P50/person * # pa * # meetings D P0/NG O

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		D PO/NG O	from licensed sources Integrated in Pre- & Construction Costs: PhP
1.3 Hiring of labor and other manpow er services	employment opportunity and community income	 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
20 Constru	uction Phase	1	1	1	
2.1 Mobilization/ Temfacil /Bridge	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	Presence of eroded areas near the site	Contractor:	Slope/Erosion Control Measures integrated in Construction Cost
Construction/ Demob		Storage Area, with topsoil set aside for later use and allow	Occurrence of landslide		
	Removal of	maximum re-use of spoils Secure prior DENR Tree Cutting Permit (TCP)	Presence of FMB	Contractor:	Integrate in Construction Cos -Replacement planting cost depends on area opened up; PhP - P5,000 for signages/ posters -IEC meetings at P50/pax: PhP
	disturbance to wildlife	 Do replacement planting with double purpose of serving as vegetation buffers for disturbed wildlife 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 	TCP Area replanted Presence of signages # of violations to set guidelines		
	Dust suspension from spoils stockpiles, vehicle movement in unpaved roads &	 Compact spoils storage areas Wet areas of dust sources to minimize discomfort to nearby residents 	# public complaints received by	Contractor:	Water spraying cost integrated in Construction Cost PhP
	construction works	☑ Control of vehicle speed to lessen suspension of road dust	Proponent /		
	Obnoxious gas & particulate emissions from vehicles, heavy equipment & genset	 Regular equipment M&R Contractor to present proof of compliance with emission standards as part of the annual vehicle registration process 	Contractor Presence of black smoke from constructi on sources	Contractor:	Equipment M&R _ integrated in _ Construction Cost PhP
N he ga					
	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	# 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	equipment ☑ Set up sediment traps along rivers and/or gabions along banks to filter out eroded sediments ☑ Same measures above for erosion control and slope	 ✓ # public complaints received by Proponent 	Contractor:	Silt trap/stilling _ ponds integrated in _ Construction Cost: PhP
	✓ Oil & grease contamination of water bodies due to poor equipment M&R & refuelling	 stabilization ✓ Provide oil & grease traps in stilling ponds ✓ Provide ring canals around fuelling tanks/ motorpool/ maintenance areas ✓ Collect used oils in containers 	Contractor Presence of oil film on water surface; # public complaints	Contractor:	O&G traps & ring _canals integrated _Construction Cost PhP
			received by Proponent/ Contractor		

	Decreased public access through the construction area	the pedestrian and vehicles in	# public complaints received by Proponent/ Contractor	Contractor:	Alternative access & its M&R integrated in
					Construction Cost: PhP
	due to frequent heavy equipment/ vehicle movement	 Schedule vehicle movement during lean daytime traffic hours or at night. Provide traffic aides/flagmen (e.g. thru barangay), traffic signs to help ensure the free and safe flow of traffic Maintain & Repair temporary alternative route of vehicles & pedestrians 	 Presence of traffic signs # of public complaints received by Proponent/ Contractor Occurrence of traffic build-up 	Contractor:	Integrated in Construction Cost: - P5.000 for
				-	 - P3,000 for signage, safety nets and lighting); - LGU Traffic Aides : PhP - Allocate equipment for repair
	☑ Increased community	lighting and barricades, whenever practicable ☑ Observe traffic rules, e.g. vehicle	 Presence of signages # of accidents Presence of scattered constructio n debris 	Contractor:	Signages & LGU traffic aides cost earlier integrated in Construction Cost; Housekeeping/Cle an-up integrated in Construction Cost: PhP
	hazards of				
	vehicular accidents and construction works				
	Occupational health hazards to workers	 Require all workers to strictly observe safety standards Put up safety signs along the road construction route Provide potable water & sanitary facilities for construction workers 	Presence of signages Outality of water source Presence of	Contractor:	Potable water sunnly & sanitary facilities integrated in Construction Cost: PhP
			 adocuate sanitaty focilities # of medical complaints or cases 		
	Increased micro- economic activity	 Coordinate with the LGU on management of traffic & handling of solid waste Comply with city/town ordinances 	 # businesse s Presence of clean commerci al area Low traffic 	Contractor:	Coordination at minimal cost (Integrated in construction cost): PhP
	within the area				
				_	
	Damage to cultural property which may be traversed or construction	☐ If not possible to reroute, observe reporting and conservation protocols based on prior coordination with the NHI/NM	Presence of clearance # of public complaints received by Proponent & Contractor	Contractor:	Minimal cost (letter or meeting): PhP
	 ✓ Impact to IPs, women & other vulnerable 	☑ Addressed by measures to prevent water quality impacts	∄ # of public complaints	Contractor:	Coordination integrated in
	affected by the road construction. including those who may be	affected by the road to minimize disruption on daily construction. includina domestic activities & avoid those who may be violation of human rights	Proponent & Contractor		:P50/person * # pax * # meetings: PhP
	use of the river downstream for domestic works.				
	the roadwav due to	system and proper road aradina so	water on	Proiect	arading integrated
1	evressive accumulation of	that roadway will not be prope to flooding & erosion	the road	Fnnineer	in Construction

2.2 Monitoring of quality of construction works	 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 Good Maintenance result to Quality Assurance for sustainability of FMR 	 Regular Project M&E integrates environmental M&E on conformance to original design/specs Allocation of sufficient budget for project M&E Designate, deputize or enter into an agreement with the barangay LGU or local community for transparent M&E of construction works 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 	 Occurrence of damages during constructio n Visual presence of sub- standard materials % completion per schedule and budget 	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 Operatio	on and Maintenance		bi ki c	T OU	Cost of measures
	Un-sustained FMR operations at optimum capacity due to structural damages	 Prepare and implement an acceptable O & M Plan Sustained and regular monitoring and maintenance & repair of FMR structure Allocate sufficient budget for M&E and maintenance and repair Designate, deputize or enter into an agreement with the barangay LGU or local community for M&E of the FMR status Provide appropriate load limit sign at FMR approach to lessen/prevent passing of overloaded vehicles 	 No. of accurate reports on O&M status No. of back-jobs % repaired cracks 	 ✓ LGU: MPMIU/SPM U, MEO, Brgy. Govt. ✓ Local Community Rep: Tribal/Purok Leaders 	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	 Occurrence of accumulate d garbage upstream of the FMR Occurrence of damming 	 LGU: Municipal & Brgt. Gov't. Local Community / Road users 	Debris Collection is LGU cost
	 Exposure of FMR users to vehicular hazards 	Provide appropriate vehicular safety warning signs at FMR approach	3 # of accidents	코 LGU: MPMIU/SPM U/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 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.<u>CNC-R12-1211-0016</u>

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 POBLACION-GUMAGA ROAD

Located at Brgys. Gumaga-POblacion 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:

arr WILSON L. TRAJCO, PME, MEP Chief, EIAMD

Approved:

MA. SOC

Regional Director