



REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES
ENVIRONMENTAL MANAGEMENT BUREAU

Regional Office No. 1

DENR Bldg., Government Center, Sevilla, City of San Fernando,
La Union

24 JUN 2014

HON. MANUEL C. ORTEGA
Governor
Provincial Capitol, City of San Fernando
La Union

Dear Governor Ortega:

Enclosed is the Environmental Compliance Certificate (ECC) for your Infrastructure/Road and Bridge Project located within the Municipalities of Naguilian and Aringay, La Union.

Please be informed that the ECC is not a permit and the proponent is not precluded from securing such from other government agencies that have jurisdiction over the project. Further, all damages or adverse impacts to the environment resulting from non-adoption of appropriate or adequate mitigating measures during the implementation of the project shall be your sole responsibility and liability. In case of transfer of ownership of said project, a notification shall be submitted to this office within 15 days from such transfer to effect necessary amendment of your ECC.

You are also reminded to submit to this Office a Compliance Monitoring Report (CMR) semi-annually to comply with the reportorial requirement of this ECC (Condition # 9). Attached herewith is the CMR Format for your reference.

Likewise, an ECC Billboard (3'X 5') shall be installed at entry point containing the title of the project, name of the proponent, ECC number and date of issuance and shall submit evidence of compliance to Environmental Management Bureau (EMB), Region I within ninety (90) days upon receipt of ECC (Memo Circular No. 02, Series of 1996).

Finally, you are encouraged to submit to this Office any comment on the conditions stipulated in your ECC and non-adherence on your part within thirty (30) days indicates that you CONFORME on the different conditions.

For your guidance and compliance.

Very truly yours,


JOEL G. SALVADOR, CESO IV
Regional Director

encl a/s

ECC-2014

Protect the environment... Protect Life...

Tel. Nos. (072)-242-3057 / 700-2448; Fax No. (072)-700-2449; e-mail: embdenr1@yahoo.com

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DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES
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La Union

ENVIRONMENTAL COMPLIANCE CERTIFICATE

(Issued under Presidential Decree 1586)
(ECC-R01-1406-0134)

THIS IS TO CERTIFY THAT *PROVINCIAL GOVERNMENT OF LA UNION* is granted this Environmental Compliance Certificate (ECC) for the *Infrastructure Project – Rehabilitation of Balebec-Basca Farm to Market Road* located within the *Municipalities of Naguilian and Aringay, La Union*, by the Department of Environment and Natural Resources through the Environmental Management Bureau, Region 1.

SUBJECT ONLY to the conditions and restrictions set-out in this certificate.

This certificate is issued for the *Infrastructure Project* with the following details:

PROJECT DESCRIPTION


This Certificate covers the Rehabilitation and Operation of Balebec-Basca Farm to Market Road (Sta. 0+000 to Sta. 7+892.86) consisting of the following activities:

- a. Road widening (6-meter wide including road shoulders)*
- b. Road Concreting with a total length of 7,892.86 linear meters and 4- meter wide.*
- c. Provision of an open-type drainage canal along road shoulders.*
- d. Construction of a Concrete Bridge with a length of thirty (30) meters.*
- e. Other related works*

I. CONDITIONS

ENVIRONMENTAL MANAGEMENT

The proponent shall strictly implement the following mitigating, enhancement, and rehabilitating measures:

1. Prior to project implementation, all permits and/or clearances from concerned office that have administrative jurisdiction over the project shall be secured, i.e. LGU, HLURB, DAR, DENR etc.
2. Adequate and appropriate drainage system and soil erosion control measures including other structural measures which will conform with natural topography shall be constructed / provided to avoid erosion and flooding of the adjoining properties;
3. Regular Sanitary Housekeeping practices, proper collection of solid and hazardous waste resulting from the implementation/operation of the project shall be strictly observed. The waste management plan shall include adequate facilities for disposal of wastes which shall be done from the start of the construction;
4. Cutting of trees shall be covered by a valid permit from the DENR pursuant to the provisions of PD 705 and PD 953; 

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GENERAL CONDITIONS

Further administrative conditions for the grant of this certificate shall be strictly complied:

5. The proponent's operations shall conform with the provisions of RA 6969 (Toxic Substances and Hazardous and Nuclear Waste Control Act of 1990), RA 9003 (Act Providing for an Ecological Solid Waste Management Program), RA 9275 (Philippine Clean Water Act of 2004), and RA 8749 (Philippine Clean Air Act of 1999);
6. The proponent shall undertake an effective and sustained Information, Education and Communication (IEC) Campaign to explain publicly its mitigative measures as well as the conditions of this ECC. It shall open opportunities to educate the public especially the affected community, interested academic institutions and other parties on the environment and human health safety features of the project including mitigating measures for global warming as effect of climate change;
7. The proponent shall set-up an Environmental Unit who shall handle the environmental aspects of the project, which shall have the following responsibilities:
 - a. Monitoring of mitigating and enhancement measures as cited in the EIS / IEE Report / Checklist / EPRMP, as appropriate;
 - b. Monitor actual project impact vis-à-vis predicted impacts and management measures;
 - c. Ensure that post-assessment permits are in place;
 - d. Ensure that monitoring and reporting are undertaken;
 - e. Ensure compliance to all the conditions and restrictions of the approved ECC.
8. That the proponent shall implement safety Standard Operating Procedures within the project area pursuant to the existing regulation of concerned National Government Agencies and Local Government Units;
9. That a Compliance Monitoring Report (Annex 3-1 of RPM) shall be prepared and submitted by the Proponent/PCO to this Office semi-annually during the project implementation; the submission of which shall be done not later than every fifteenth day after each semester (January 15 and/or July 15) starting from the issuance of this certificate;

II. RESTRICTIONS

The proponent is strictly subject to the following restrictions:

10. No other activities shall be undertaken other than what was stipulated in the EIA document. Should there be an expansion of the project beyond the project description, construction of other structures beyond those stated in the EIA document, or any change in the activity, same shall be made subject to a new Environmental Impact Assessment; *B*

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This certification is issued in compliance with the requirements of Presidential Decree No. 1586 and Department Administrative Order No. 2003-30. The Bureau, however, is not precluded from reevaluating, adding, removing and correcting any deficiencies or errors that may be found in this Certificate after issuance.

Issued at San Fernando City, La Union this 24 JUN 2014

Recommending Approval:

ME
ENGR. NICANOR C. ESTEBAN
OIC, Environmental Impact Assessment and Monitoring Div.

Benedicto O. Molano
ENGR. BENEDICTO O. MOLANO
Chief Environmental Management Specialist

Approved by:

Joel G. Salvador
JOEL G. SALVADOR, CESO IV
Regional Director

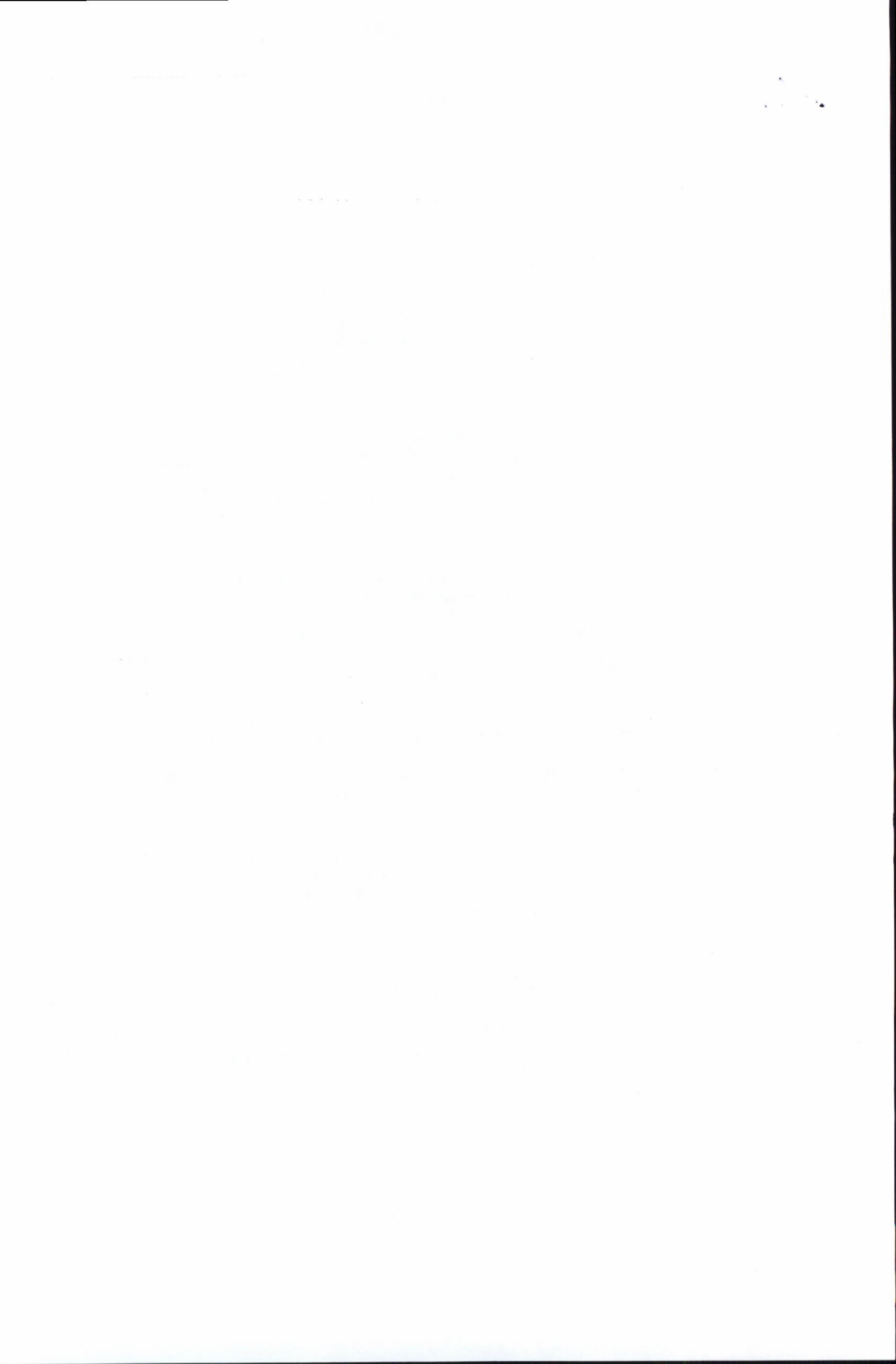
Non-compliance with any of the provisions of this Certificate shall be a sufficient cause for the cancellation or suspension of this certificate and/or imposition of a fine in an amount not to exceed Fifty Thousand Pesos (P50,000.00) for every violation thereof.

OR No.:	4325117	Date :	06/16/2014	Processing Fee :	₱ 4,000.00
OR No.:	4325117	Date :	06/16/2014	D.S.T.:	₱ 15.00
VALID ONLY IF MARKED WITH DRY SEAL					

ecc

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"2014"

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ROAD AND BRIDGE PROJECTS

INITIAL ENVIRONMENTAL EXAMINATION (IEE) CHECKLIST
for

REHABILITATION OF FARM TO MARKET ROAD

Project Name or Title

RECEIVED
DATE 6-16-14
TIME _____
BY M. Almonte
DENR - EMBI

Below is the IEE Checklist Report for Road and Bridge Projects.
Please check applicable project category:

	Projects	Project Size Parameter	Corresponding Project Size/Threshold
✓	Bridges and viaducts, new construction	length	≥ 80 m but < 10.0 km
✓	Roads, new construction, widening (including RO-RO facilities)	length with no critical slope, OR length with critical slope	≥ 2 km but < 20.0 km, OR ≥ 2 km but < 10.0 km
	Elevated roads, flyover/cloverleaf/ interchanges		Regardless of length and width
	Tunnels and sub-grade roads and railways	length	< 1.0 km
	Pedestrian passages		All underpass projects

For ECC applications, this IEE Checklist Report shall be submitted with:

- Proof of Compatibility with the existing Land Use Plan
 - Proof of Authority over the Project Site
 - Accountability Statements of Proponent (see attached form) and the Preparer (if any, following Annexes 2-22 of Revised Procedural Manual for DAO 2003-30)
 - Photographs or plates/vicinity map of the project site showing impact areas and affected areas and communities
 - Duly Accomplished Project Environmental Monitoring & Audit Prioritization Scheme (PEMAPS) Questionnaire (see Annex 2-7d of Revised Procedural Manual for DAO 2003-30)
- (No other documents shall be required as pre-requisite to ECC applications per DENR MC 2010-14)*

Read the questions carefully and write the required information on the blank spaces provided or otherwise check (✓) the appropriate boxes □ or parenthesis (). Boxes with check marks(☑) are automatically required. Use additional sheets if necessary and indicate this in the appropriate space.

Project proponents are strongly **discouraged** to engage the services of consultants/facilitators/preparers to accomplish/fill-up the IEE Checklist Report Form. The Report Forms have been designed to be user-friendly.

Furthermore, EMB Regional Office is required to complete the processing of an ECC application using the IEE Checklist Report within twenty (20) working days upon receipt for duly-accomplished forms with complete attachments

Misleading or erroneous answers are basis for legal actions and/or denial of ECC issuance.

PROJECT FACT SHEET

Project Name: BALECBEC-BASCA FARM TO MARKET ROAD
Project Location: MUNICIPALITIES OF NAGUILIAN & ARINGAY, LAUNION
Road/Bridge Width : 7,892.86 LINEAR METERS (road length) X 4 METERS WIDE

Road/Bridge Length : 30 LINEAR METERS (bridge length) X 6 METERS WIDE (incl. sidewalk)

Project Proponent: PROVINCIAL GOVERNMENT OF LA UNION

Office Address: PROVINCIAL CAPITOL, CITY OF SAN FERNANDO, LA UNION

Contact Person: ENGR. ELIZABETH P. SIAS

Designation: PROVINCIAL ENGINEER

Contact Information

Telephone Number: (072) 2425550 local 268

Fax Number: (072) 7000396

Mobile Number: _____

E-mail Address: _____

I. PROJECT DESCRIPTION

1.1 PROJECT LOCATION AND AREA: Street Name, Barangay, and Municipality/City, Province

The proposed 7892.86-linear meter Road Rehabilitation Project and the construction of a 30-m long bridge will be undertaken along Brgy. Balebec to Brgy. Basca within the territorial jurisdiction of the municipalities of Naguilian and Aringay, La Union. Said project is an existing dirt road that needs improvement/concreting to enhance means of transportation in these concerned areas. Said projects starts at Sta. 0+000 and terminates at Sta. 8+790.

See attached vicinity map/s and photographs of the project site including alignment and design.

Geographic coordinates of the project area (Preferably use WGS 84 datum, otherwise specify datum used).

Perimeter/Boundary points (based on OCT/TCT/etc)	Longitude	Latitude
	120° 25' 33.95"	16° 28' 42.28"

1.2 PROJECT COMPONENTS

Facilities	Length / Area (meters)	Specification/Description/Remarks
1. Road	7,892.86 LINEAR METERS	4 METERS WIDE
2. Intersections	-	
3. Bridge/s	30 METERS	6 METERS WIDE INCLUDING SIDEWALK
4. Access roads/Ramp	-	
5. Drainage facilities (i.e. Reinforced Concrete Box Culverts (RCBC); Reinforced Concrete Pipe Culverts (RCPC), others)	7,892.86 LINEAR METERS	OPEN-TYPE DRAINAGE SYSTEM
6. Associated facilities (i.e. Guardrails, Traffic signs, etc.)	-	
7. Solid waste management facility	-	
8. Others, specify _____	-	

(Use additional sheets if needed)

1.3 UTILITIES/REQUIREMENTS (Construction Phase): NOT APPLICABLE

Utilities	Source	Estimated Demand/Consumption
Power/Electricity (Total)	-	KWh
Power/Electricity (From Renewable Energy Sources)	-	KWh
Water (Total) (Fill-up table below if water is not obtained from the local water utility)	-	m ³ /day
Water (Rainwater Collection System)	-	m ³ /day

Water Source : **NOT APPLICABLE**

ground water well spring others: _____

Surface water river lake others: _____

Location of water source : **NOT APPLICABLE**

(Sitio/Zone, Barangay, Municipality/City, Province, Region)

Energy/Water Efficiency : NOT APPLICABLE

Utilities	Estimated Savings	Proposed Efficiency/Conservation Measures
Power/Electricity	KWh	
Water	m ³ /day	

1.4 MANPOWER

a. Construction Phase

Manpower Requirement	Expertise/Skills	Total
Civil Engineer	Experience in road development/concreting	2
Foreman	-do-	2
Surveyor	Survey/lay-out of roads and bridges	4 (including aide/helper)
Checker	Knowledge in road construction	2
Project Contractor	Experience in road/bridge construction	1

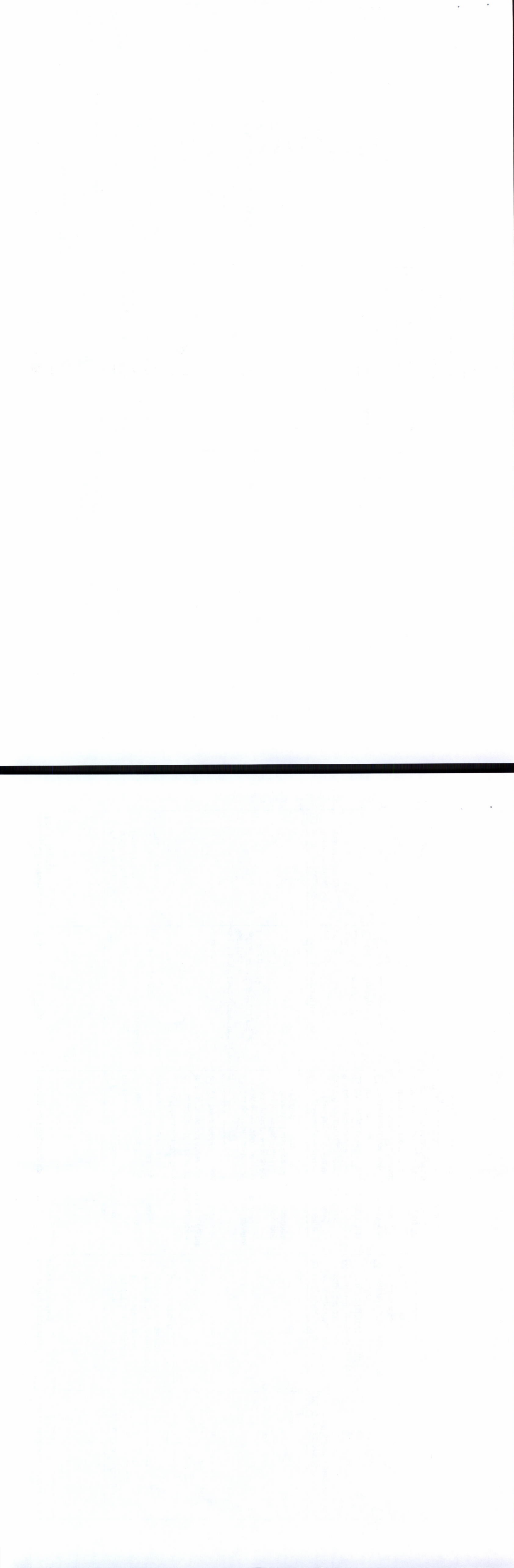
1.5 INDICATIVE PROJECT COST

Project Cost : P 74,250,000.00

II. ENVIRONMENTAL IMPACTS AND MANAGEMENT PLAN

Possible Environmental/ Social Impacts	Baseline Environment	Preventive/ Mitigating Measures	Monitoring Parameters/ Implementation	Cost of Mitigation/ Monitoring
LAND				
<input checked="" type="checkbox"/> Consistency with land use	Current land use w/in 1km radius (as per zoning ordinance): <input checked="" type="checkbox"/> Residential <input type="checkbox"/> Commercial/ Institutional <input type="checkbox"/> Industrial <input checked="" type="checkbox"/> Agricultural <input type="checkbox"/> Protected Areas <input type="checkbox"/> Others, specify _____	<input checked="" type="checkbox"/> See attached proof of compatibility with land use		
	Actual land uses w/in 1km radius: <input checked="" type="checkbox"/> Residential <input type="checkbox"/> Commercial/ Institutional <input type="checkbox"/> Industrial <input checked="" type="checkbox"/> Agricultural <input type="checkbox"/> Protected Areas <input type="checkbox"/> Others, specify _____			
<input checked="" type="checkbox"/> Disturbance to wildlife due to vegetation clearing	Existing vegetation in the area: <input type="checkbox"/> Forestland <input type="checkbox"/> Marshland <input checked="" type="checkbox"/> Grassland <input type="checkbox"/> Mangrove <input type="checkbox"/> Wetland <input checked="" type="checkbox"/> Others, specify : Refer to attached Plants Inventory	<input checked="" type="checkbox"/> Compliance with conditions of DENR/LGU SLUP, Tree Cutting Permit, ROW, PCA Permit <input checked="" type="checkbox"/> Limit land clearing as much as possible <input checked="" type="checkbox"/> Provide temporary fencing to vegetation that will be retained <input checked="" type="checkbox"/> Promote restoration of damaged or destroyed vegetation where possible (e.g., road side tree planting);	<input checked="" type="checkbox"/> Annual inspection of area replanted/ revegetated	<input checked="" type="checkbox"/> Cost integrated in the construction /operation cost

Possible Environmental/ Social Impacts	Baseline Environment	Preventive/ Mitigating Measures	Monitoring Parameters/ Implementation	Cost of Mitigation/ Monitoring
<input type="checkbox"/> Change in surface landform/ topography/ terrain/slope <input checked="" type="checkbox"/> Soil Erosion	Slope: <input type="checkbox"/> flat (0-3%) <input checked="" type="checkbox"/> gently sloping to rolling (3-18%) <input type="checkbox"/> steep (>18%) Is the project site located in an area identified by MGB/PAGASA/PHIVOLCS as hazard prone? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Provide erosion control and slope protection measures <input checked="" type="checkbox"/> Designate a Spoils Storage Area, with topsoil set aside for later use and allow maximum re-use of spoils <input checked="" type="checkbox"/> Construction during dry season <input checked="" type="checkbox"/> Stabilization of embankment with grasses, trees or other soil cover /construction of rip-rap <input type="checkbox"/> Others, specify _____ <input type="checkbox"/> Compliance with the DENR Administrative Order No. 2003-30 and DENR Administrative Order No. 2000-28, Implementing Guidelines on Engineering Geological and Geo-hazard Assessment (EGGA).	<input type="checkbox"/> Regular inspection of slope protection measures in erosion-prone areas <input type="checkbox"/> Regular inspection for new eroded areas near the site <input type="checkbox"/> Others, specify _____	<input type="checkbox"/> Slope/ Erosion Control Cost: _____ <input type="checkbox"/> Others, specify _____
<input checked="" type="checkbox"/> Soil/Land contamination due to improper solid waste disposal	Existing soil type in the area: <input type="checkbox"/> sandy <input checked="" type="checkbox"/> clay <input type="checkbox"/> sandy-loam <input type="checkbox"/> Others, specify _____	<input checked="" type="checkbox"/> Implementation of the Ecological Solid Waste Management Plan (ESWMP); <input type="checkbox"/> Set-up temporary fence around the construction area <input checked="" type="checkbox"/> Implement re-use and recycling of waste materials <input checked="" type="checkbox"/> Implement proper segregation, collection and disposal of domestic wastes in designated areas <input type="checkbox"/> Implement proper collection, labeling and storage of hazardous waste <input checked="" type="checkbox"/> Provide receptacles / bins for solid wastes <input checked="" type="checkbox"/> Coordinate with the municipal or barangay /waste collectors	<input checked="" type="checkbox"/> Daily inspection of waste/recycling bins for segregation <input checked="" type="checkbox"/> Daily inspection for presence of mixed garbage in the facility <input checked="" type="checkbox"/> Weekly inspection of waste accumulated <input type="checkbox"/> Others, specify _____	<input checked="" type="checkbox"/> Cost integrated in the construction /operation cost



Possible Environmental/Social Impacts	Baseline Environment	Preventive/ Mitigating Measures	Monitoring Parameters/ Implementation	Cost of Mitigation/ Monitoring
<input type="checkbox"/> Encroachment into protected areas or ecologically-sensitive areas N/A	Is the project area near protected areas or ecologically-sensitive areas? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Obtain appropriate permits/clearances from concerned agencies <input type="checkbox"/> Provide adequate buffer <input type="checkbox"/> Others, specify _____	<input checked="" type="checkbox"/> Regular coordination with concerned agencies	<input checked="" type="checkbox"/> Cost integrated in the construction/ operation cost
<input type="checkbox"/> Impairment of visual aesthetics <input type="checkbox"/> Devaluation of land values	Presence of visually significant landforms/landscape/structures? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Implement landscaping and other beautification measures <input checked="" type="checkbox"/> Provide adequate buffer <input type="checkbox"/> Compensate adjacent property owners <input type="checkbox"/> Others, specify _____	<input type="checkbox"/> Regular inspection of landscaping and other beautification activities <input type="checkbox"/> Regular monitoring of buffer zones <input checked="" type="checkbox"/> Regularly monitor presence/absence of complaints from adjacent property owners	<input checked="" type="checkbox"/> Cost integrated in the construction/ operation cost
WATER				
<input checked="" type="checkbox"/> Increased siltation due to project activities <input type="checkbox"/> Water quality degradation <input type="checkbox"/> Others, specify _____	Specify nearest/receiving water body: CREEKS Distance to nearest/receiving water body: <input checked="" type="checkbox"/> 0 to less than 0.5 km <input type="checkbox"/> 0.5 to 1 km <input type="checkbox"/> More than 1 km	<input checked="" type="checkbox"/> Set-up proper and adequate sanitary facilities <input checked="" type="checkbox"/> Strictly require the contractor and its workers to observe proper waste disposal and proper sanitation <input checked="" type="checkbox"/> Strictly observe proper waste handling and disposal <input type="checkbox"/> Set up silt trap(Gabions, Fascines)/settling ponds to minimize downstream siltation <input type="checkbox"/> Others, specify _____	Regular (ocular) inspection of: <input type="checkbox"/> Drainage / canal systems <input type="checkbox"/> Sanitation facilities Regular (ocular) inspection of water body for: <input type="checkbox"/> Turbidity and/or silted condition <input type="checkbox"/> Floating wastes or debris	<input checked="" type="checkbox"/> Cost integrated in the construction/ operation cost

Possible Environmental/Social Impacts	Baseline Environment	Preventive/ Mitigating Measures	Monitoring Parameters/ Implementation	Cost of Mitigation/ Monitoring
	If nearest/receiving water body is fresh water, specify classification: N/A <input type="checkbox"/> AA <input type="checkbox"/> A <input type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D If nearest/receiving water body is coastal or marine water, specify classification: N/A <input type="checkbox"/> SA <input type="checkbox"/> SB <input type="checkbox"/> SC <input type="checkbox"/> SD Current Water Use: N/A <input type="checkbox"/> Fishery <input type="checkbox"/> Tourist Zone / Park <input type="checkbox"/> Recreational <input type="checkbox"/> Industrial <input type="checkbox"/> Agricultural			
	Distance of project area to the nearest well used: <input checked="" type="checkbox"/> 0 to less than 0.5 km <input type="checkbox"/> 0.5 to 1 km <input type="checkbox"/> More than 1 km			



Possible Environmental/ Social Impacts	Baseline Environment	Preventive/ Mitigating Measures	Monitoring Parameters/ Implementation	Cost of Mitigation/ Monitoring
<input type="checkbox"/> Competition in water use <input type="checkbox"/> Depletion of water resources N/A	Use of the nearest well: <input checked="" type="checkbox"/> Drinking/Domestic <input type="checkbox"/> Industrial <input type="checkbox"/> Agricultural Size of population using receiving surface water: N/A <input type="checkbox"/> ≤ 1,000 persons <input type="checkbox"/> >1,000 and ≤ 5,000persons <input type="checkbox"/> >5,000person Available/nearest water source. <input checked="" type="checkbox"/> Deepwell <input type="checkbox"/> Water district/LGU <input type="checkbox"/> Surface water <input type="checkbox"/> Others, specify _____	<input type="checkbox"/> Implement rainwater harvesting and similar measures as an alternative source of water <input checked="" type="checkbox"/> Observe water conservation measures <input type="checkbox"/> Others, specify _____	<input checked="" type="checkbox"/> Regularly monitor for presence/absence of complaints <input checked="" type="checkbox"/> Regular coordination with concerned agencies <input checked="" type="checkbox"/> Regularly monitor for occurrences of water shortages <input type="checkbox"/> Others, specify _____	<input checked="" type="checkbox"/> Cost integrated in the construction/ operation cost
<input type="checkbox"/> Increased occurrence of flooding N/A	Is the project site located in an area identified by MGB/PAGASA as flood prone? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Use appropriate design for project facilities <input checked="" type="checkbox"/> Implement appropriate drainage system <input type="checkbox"/> Regularly remove debris and other materials that may obstruct water flow <input type="checkbox"/> Others, specify _____	<input checked="" type="checkbox"/> Regularly monitor for presence/absence of complaints <input checked="" type="checkbox"/> Regular coordination with concerned agencies <input checked="" type="checkbox"/> Regularly monitor for increased frequency of flooding <input type="checkbox"/> Others, specify _____	<input checked="" type="checkbox"/> Cost integrated in the construction/ operation cost

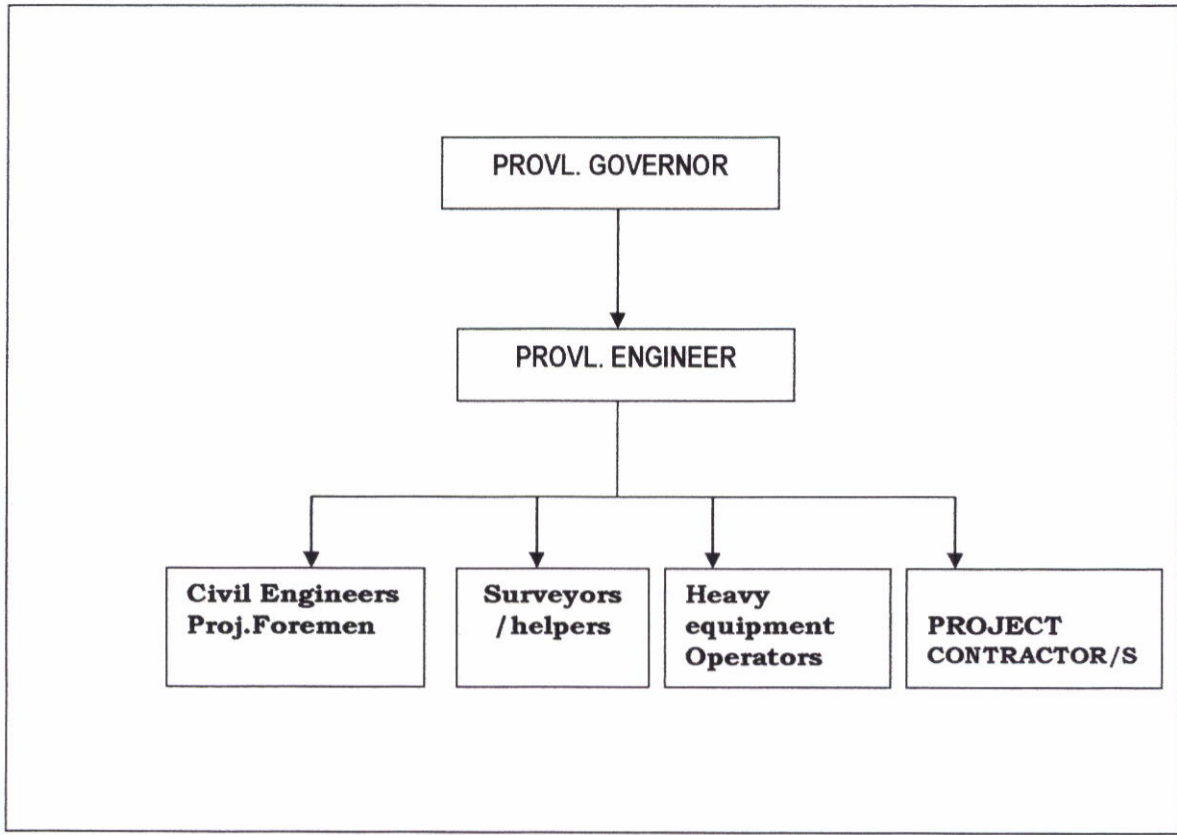
Possible Environmental/ Social Impacts	Baseline Environment	Preventive/ Mitigating Measures	Monitoring Parameters/ Implementation	Cost of Mitigation/ Monitoring
<p>AIR / NOISE</p>				
<p>✓ Air quality degradation</p>	<p>Distance to nearest community:</p> <p>✓ 0 to less than 0.5 km</p> <p><input type="checkbox"/> 0.5 to 1 km</p> <p><input type="checkbox"/> More than 1 km</p>	<p>✓ Properly operate and maintain all emission sources (e.g. vehicles, heavy equipment, generator, etc)</p> <p>✓ Install when applicable, the appropriate air pollution control device/s</p> <p>✓ Strictly enforce good housekeeping practices</p> <p><input type="checkbox"/> Control vehicle speed to lessen suspension of road dust</p> <p>✓ Conduct water spraying to suppress dust sources and minimize discomfort to nearby residents</p> <p>✓ Use covered vehicles to deliver materials that may generate dust</p> <p><input type="checkbox"/> Other, specify _____</p>	<p>✓ Regularly monitor for presence/absence of complaints</p> <p>Regular (ocular) inspection of:</p> <p><input type="checkbox"/> Absence of white or black smoke from vehicles, heavy equipment, generator, etc.</p> <p><input type="checkbox"/> Presence of truck cover during deliveries</p>	<p>✓ Cost integrated in the construction/ operation cost</p>
<p>✓ Nuisance due to noise generation</p>	<p>Distance to nearest community:</p> <p>✓ 0 to less than 0.5 km</p> <p><input type="checkbox"/> 0.5 to 1 km</p> <p><input type="checkbox"/> More than 1 km</p>	<p>✓ Properly operate and maintain all noise sources (e.g. vehicles, heavy equipment, generator, etc)</p> <p>✓ Install when applicable, the appropriate noise control device/s (e.g., mufflers, silencer, sound barriers, etc.)</p> <p>✓ Implement appropriate operating hours</p> <p><input type="checkbox"/> Provide adequate buffer and/or planting of trees</p> <p><input type="checkbox"/> Others, specify _____</p>	<p>✓ Regularly monitor for presence/absence of complaints</p> <p><input type="checkbox"/> Regular monitoring of buffer zones</p>	<p>✓ Cost integrated in the construction/ operation cost</p>

Possible Environmental/ Social Impacts	Baseline Environment	Preventive/ Mitigating Measures	Monitoring Parameters/ Implementation	Cost of Mitigation/ Monitoring
<p>PEOPLE</p> <ul style="list-style-type: none"> <input type="checkbox"/> Displacement of residents in the project site and within its vicinity <input type="checkbox"/> Displacement of Indigenous People <input checked="" type="checkbox"/> Enhanced employment and/or livelihood opportunities <input type="checkbox"/> Reduced employment and/or livelihood opportunities <input checked="" type="checkbox"/> Increased revenues for LGU <input checked="" type="checkbox"/> Disruption/Competition in delivery of public services (e.g., education, peace and order, etc.) <input type="checkbox"/> Enhanced delivery of public services (e.g., education, peace and order, etc.) <input type="checkbox"/> Increase in traffic volume and worsening of traffic flow 	<p>Size of population of host barangay:</p> <ul style="list-style-type: none"> <input type="checkbox"/> ≤ 1,000 persons <input checked="" type="checkbox"/> >1,000 and ≤ 5,000persons <input type="checkbox"/> >5,000person <p>Classification of host barangay:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Urban <input checked="" type="checkbox"/> Rural <p>Available services within/near the host barangay:</p> <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Schools (e.g. elementary, high school) <input checked="" type="checkbox"/> Health facilities (e.g., clinics, etc.) <input checked="" type="checkbox"/> Peace and order (e.g., brgy. Tanod, etc.) <input type="checkbox"/> Recreation and sports facilities <input type="checkbox"/> Others, specify _____ 	<ul style="list-style-type: none"> <input type="checkbox"/> Provide relocation/disturbance compensation packages <input checked="" type="checkbox"/> Prioritize local residents for employment <input checked="" type="checkbox"/> Promptly pay local taxes and other financial obligations <input checked="" type="checkbox"/> Regular coordination with LGU <input type="checkbox"/> Prior consultation & coordination to minimize disruption on daily domestic activities & respect for IP rights and cultural practices <input type="checkbox"/> Ensure participation of IPs in consultations and dialogues <input type="checkbox"/> Provide appropriate traffic/warning signs, lighting, etc <input type="checkbox"/> Others, specify _____ 	<ul style="list-style-type: none"> <input checked="" type="checkbox"/> Regularly monitor for presence/absence of complaints <input checked="" type="checkbox"/> Regular coordination with LGU <input type="checkbox"/> Others, specify _____ 	<ul style="list-style-type: none"> <input checked="" type="checkbox"/> Cost integrated in the construction/ operation cost

Possible Environmental/ Social Impacts	Baseline Environment	Preventive/ Mitigating Measures	Monitoring Parameters/ Implementation	Cost of Mitigation/ Monitoring
<input checked="" type="checkbox"/> Impacts on community health and safety <input type="checkbox"/> Others, specify _____		<input checked="" type="checkbox"/> Regular coordination with LGU <input checked="" type="checkbox"/> Provide appropriate warning signs, lighting and barricades, whenever practicable <input checked="" type="checkbox"/> Observe proper housekeeping <input checked="" type="checkbox"/> Provide on-site medical services for any emergency. <input checked="" type="checkbox"/> Participate in public awareness programs on health and safety <input checked="" type="checkbox"/> Implement appropriate safety programs for both community and workers <input type="checkbox"/> Others, specify _____	<input checked="" type="checkbox"/> Regularly monitor for presence/absence of complaints <input checked="" type="checkbox"/> Regular coordination with LGU <input checked="" type="checkbox"/> Regularly monitor submission of reports to concerned agency <input type="checkbox"/> Others, specify _____	<input checked="" type="checkbox"/> Cost integrated in the construction/ operation cost

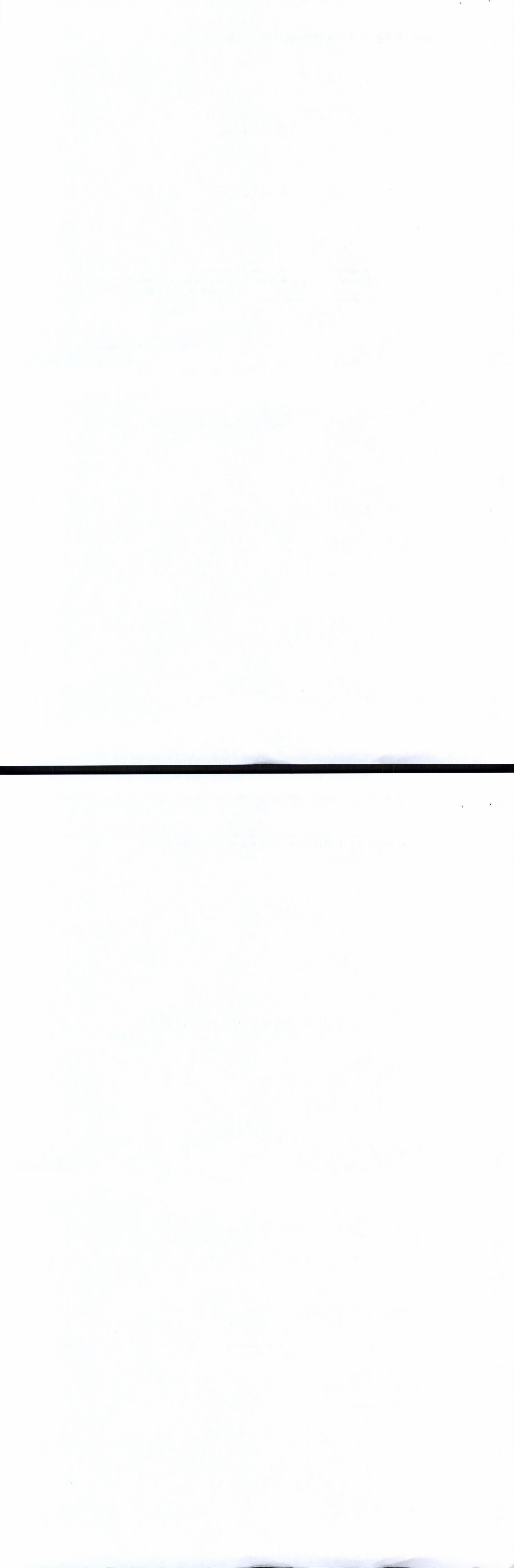
III. INSTITUTIONAL PLAN FOR EMP IMPLEMENTATION

Organization Chart:



Attach design/plan/alignment of project (with dimensions and descriptions)

REFER TO ATTACHED ROAD PLANS



SWORN STATEMENT OF ACCOUNTABILITY OF THE PROPONENT

This is to certify that all the information and commitments in this Initial Environmental Examination (IEE) Checklist Report are accurate and complete to the best of my knowledge.

By the authority vested in me by the _____ (*Provincial Government of La Union*) as _____ (*Governor*). I hereby commit to ensure implementation of all commitments, mitigating measures and monitoring requirements indicated in this IEE Checklist Report as well as the following:

- Conform to pertinent provisions of applicable environmental laws e.g., R.A. No. 6969 (*Toxic Substances and Hazardous and Nuclear Wastes Control Act of 1990*), R.A. No. 9003 (*Ecological Solid Waste Management Act of 2000*), R.A. No. 9275 (*Philippine Clean Water Act of 2004*), and R.A. No. 8749 (*Philippine Clean Air Act of 1999*).
- Abide and conform to LGU development plans and guidelines.
- Promptly pay local taxes and other financial obligations.
- Regularly submit reports to concerned agencies.

I hereby bind myself to answer any penalty that may be imposed arising from any misrepresentation or failure to state material information in this IEE Checklist.

MANUEL C. ORTEGA

NAME OF PROPONENT HEAD

(Position): Provl. Governor

(Company Name) : Provincial Government of La Union

ESIS 000-0010-9023-3

SUBSCRIBED AND SWORN TO before me this _____ day 16 JUN 2014 2014, affiant exhibiting his/her Community Tax Certificate No. _____ issued at _____ on _____.

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Series of 2014

ATTY. DOMINIQUE JOSÉ S. PUZON

Notary Public

San Fernando City, La Union

Until 31 December 2014

Roll No. 58613/05-05-10

IBP No. 933268/01-02-14/SFLU

PTR No. 8925261/01-02-14/SFLU

MCLE Compliance No. IV-0021044