

## ROAD AND BRIDGE PROJECTS

## I.2. PROJECT COMPONENTS

Facilities	No. of Units	Area (sq./M)/ Length (km)/ Capacity	Specification/Description
1. Road			
2. Intersections			
3. Bridge/s			
4. Access roads/Ramp			
5. Drainage facilities (i.e. Reinforced Concrete Box Culverts (RCBC); Reinforced Concrete Pipe Culverts (RCPC), others)			
6. Associated facilities (i.e. Guardrails, Traffic signs, etc.)			
7. Solid waste management facility			
8. Others, specify			
9. Others, specify			
10. Others, specify			
11. Others, specify			
12. Others, specify			

Use additional sheets, if necessary

## I.3. UTILITIES/REQUIREMENTS (Construction and Operation Phases):

## Power/Energy, Water and other Requirements

Project Name: \_\_\_\_\_

Utilities	Estimated Demand/ Consumption (Total)	Source Breakdown	Projected breakdown from Source specified	
			Construction	Operation
Power/Electricity	Construction:	Grid		KWh
	KWh	Generator Set		KWh
	Operation:	Others, please specify:		KWh
	KWh			
	Construction:	Local Water Utility Provider		m <sup>3</sup> /day
		Well in: (specify location):		m <sup>3</sup> /day
		Spring in: (specify location):		m <sup>3</sup> /day
	m <sup>3</sup> /day	River, Lake or other surface water : (specify name & location)		m <sup>3</sup> /day
	Operation:	Others, please specify:		m <sup>3</sup> /day
	m <sup>3</sup> /day			
Sand and Gravel	Construction:	Source:		MT
	MT			
Other materials and requirements ...		Source:		m <sup>3</sup> /day

Power/Energy and Water Efficiency Measures (if any)

Project Name: \_\_\_\_\_

Utilities	Proposed Efficiency/Conservation Measures		Estimated Savings for each Project Phase	Estimated Total Savings
Power/ Electricity	Construction		KWh	KWh
	Operation		KWh	KWh
Water	Construction		m <sup>3</sup> /day	m <sup>3</sup> /day
	Operation	Rainwater collection system Others, please specify:	m <sup>3</sup> /day	m <sup>3</sup> /day

#### I.4. MANPOWER AND TIMELINES OF PROJECT PHASES

Target start of Construction

Target Date of Ground-breaking

Target Start of Operation

Phase	Expertise/Skills	Requirement per Expertise/Skill	Total Requirement per project phase
a. Construction			
b. Operation			

Project Name: \_\_\_\_\_


**I.5. INDICATIVE PROJECT COST** (Initial Investment):

**PhP**

**US \$**

**(specify if with foreign investment)**