



Republic of the Philippines  
**Tourism Infrastructure & Enterprise Zone Authority**

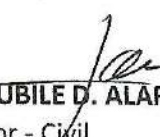
**MANPOWER & EQUIPMENT**

Project: **TOURISM FACILITIES AT LUBAO BAMBOO HUB AND ECO-PARK**  
Location: Sta Catalina, Lubao, Pampanga  
Duration: 150 CD

Minimum Required Manpower	Quantity
a. Project Manager	1
b. Project Engineer	1
c. Materials Engineer	1
d. Project Foreman	1
e. Skilled Worker	8
f. Helper/Laborer	15
g. Safety Officer	1
h. First Aider	1

Minimum Required Equipment	Quantity
a. Basic Construction Tools	1 lot
b. Concrete Vibrator	1
c. Bar Cutter	1
d. Bar Bender	1
e. Welding Machine	1

Prepared by:

  
**ENGR. JUBILE D. ALARCON**  
Estimator - Civil

Checked by:

  
**ENGR. NOEL F. YAMBAO**  
Officer-in-Charge, PMD

Noted:

  
**ENGR. JEOFFREY L. MACALALAD**  
Officer-in-Charge, PEPD



## SUMMARY OF COSTS

Project : **TOURISM FACILITIES AT LUBAO BAMBOO HUB AND ECO-PARK**  
 Location : **Sta Catalina, Lubao, Pampanga**

ITEM NO.	SCOPE OF WORK	UNIT	QTY	UNIT COST	AMOUNT
I.	<b>GENERAL REQUIREMENTS</b>				
	A. <b>HEALTH AND SAFETY PROGRAM</b>	lot	1.00		
	B. <b>TEMPORARY BARRACKS</b>	lot	1.00		
	C. <b>PROJECT SIGNAGE</b>	lot	1.00		
II.	<b>FLOATING RESTAURANT</b>	m <sup>2</sup>	102.40		
	A. <b>EARTHWORKS</b>				
	Excavation	m <sup>3</sup>	20.00		
	Excavation	m <sup>3</sup>	4.00		
	Gravel Bedding	m <sup>3</sup>	1.00		
	B. <b>CONCRETE WORKS</b>	m <sup>3</sup>	24.68		
	C. <b>FORMWORKS &amp; SCAFFOLDINGS</b>	lot	1.00		
	D. <b>MASONRY WORKS</b>	m <sup>2</sup>	35.64		
	E. <b>ROOFING WORKS</b>	m <sup>2</sup>	205.09		
	F. <b>BAMBOOS</b>	lot	1.00		
	G. <b>CARPENTRY WORKS</b>	lot	1.00		
	H. <b>CEILING WORKS</b>	m <sup>2</sup>	9.45		
	I. <b>TILE WORKS</b>	lot	1.00		
	J. <b>PAINTING WORKS</b>				
	Surface Preparation:	lot	1.00		
	Materials	m <sup>2</sup>	459.94		
	K. <b>DOORS AND WINDOWS</b>	lot	1.00		
	L. <b>OTHER WORKS</b>				
	Pre-fabricated cabinet	lot	1.00		
	M. <b>PLUMBING WORKS</b>				
	Sanitary Fixtures and Accessories	lot	1.00		
	Sanitary and Drainage Line	lot	1.00		
	Vent Line	lot	1.00		
	Waterline	lot	1.00		
	Miscellaneous & Consumables	lot	1.00		
III.	<b>BOARDWALK</b>	lm	25.00		
	A. <b>EARTHWORKS</b>				
	Excavation	m <sup>3</sup>	60.00		
	Backfill	m <sup>3</sup>	46.50		
	Gravel Bedding	m <sup>3</sup>	3.00		
	B. <b>CONCRETE WORKS</b>	m <sup>3</sup>	24.86		
	C. <b>RAILINGS</b>	lot	1.00		
	D. <b>PAINTING WORKS</b>	m <sup>2</sup>	87.14		
	Surface Preparation:	lot	1.00		
IV.	<b>HANGING BRIDGE</b>	lm	109.00		
	A. <b>EARTHWORKS</b>				
	Excavation	m <sup>3</sup>	631.80		
	Backfilling and Compaction	m <sup>3</sup>	584.82		





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ITEM NO.	SCOPE OF WORK	UNIT	QTY	UNIT COST	AMOUNT
<b>B.</b>	<b>STRUCTURAL WORKS</b>				
	Structural Concrete (Class A, 3000 psi @	m <sup>3</sup>	131.70		
	Reinforcing Steel, Grade 40 - L&M	kg	21,390.30		
	Permanent Casing, 1 M Ø	m	144.00		
	Concrete Piles Cast in Drilled Holes, 1 M Ø	m	144.00		
	Pile Integrity Testing (Low Strain)	each	4.00		
	High Strain Dynamic Testing(P.D.A.)	each	2.00		
	Structural Steel Sheet Pile, Furnished - L&M	m	1,464.00		
	Structural Steel Sheet Pile, Driven - L&M	m	1,464.00		
<b>C.</b>	<b>CABLES AND ACCESSORIES</b>				
<b>D.</b>	<b>PAINTING WORKS</b>	m <sup>2</sup>	127.64		
	Surface Preparation	lot	1.00		
<b>V.</b>	<b>ADDITIONAL PATHWALK</b>	lm	250.00		
<b>VI.</b>	<b>ELECTRICAL WORKS</b>				
<b>A.</b>	<b>WIRES &amp; CABLES</b>	lot	1.00		
<b>B.</b>	<b>PIPES &amp; FITTINGS</b>	lot	1.00		
<b>C.</b>	<b>LAMPS, WIRING DEVICES &amp;</b>	lot	1.00		
<b>D.</b>	<b>PANELBOARD</b>	lot	1.00		
<b>VII.</b>	<b>MOBILIZATION/DEMOBILIZATION</b>	trip	4.00		

In Words: Pesos

**GRAND TOTAL**

In Figures: Php

Submitted By

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 Name of the Representative of the Bidder

\_\_\_\_\_  
 Name of the Bidder

\_\_\_\_\_  
 Position

