



Republic of the Philippines
Department of Environment and Natural Resources

Visayas Avenue, Diliman, Quezon City 1100

Tel Nos. +929.6626 +929.6628 +929.66.35 || VOIP Trunkline (632) 755.3330 +755.3300

Website: <http://www.denr.gov.ph> • E-mail: web@denr.gov.ph

DENR MIMAROPA
RECORDS SECTION
RECEIVED

MAY 22 2023

☐ INCOMING ☐ OUTGOING
BY: _____ DATE NO. _____

MEMORANDUM

FOR/TO : The Undersecretary for Field Operations
Luzon, Visayas and Environment

The OIC, Assistant Secretary for Field Operations Luzon and Visayas
and Concurrent Director, Environmental Management Bureau

The Regional Executive Director
DENR-Region IVB

The Executive Director
River Basin Control Office

The Director
Financial and Management Service

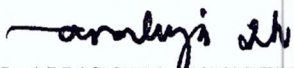
FROM : The Undersecretary
Finance, Information Systems and Climate Change

SUBJECT : **APPEAL OF MAYOR WALTER B. MARQUEZ OF SABLAYAN,
OCCIDENTAL MINDORO, TO INCLUDE IN THE PROPOSED
DENR BUDGET THE AMOUNT OF PHP1.3 BILLION FOR THE
REHABILITATION OF SABANG RIVER**

DATE : 05 May 2023

This refers to the attached letter dated 17 April 2023 of Municipal Mayor Walter B. Marquez of Sablayan, Occidental Mindoro. Mayor Marquez is requesting the DENR to include in the department's budget proposal the amount of Php1.3 billion for the rehabilitation of Sabang River.

Please evaluate the request and submit your comments and recommendations to the Director of the Financial and Management Service not later than 12 May 2023 for consolidation and preparation of action document. The RED, DENR Region IVB is requested to directly coordinate with the Office the Mayor Marquez for any action taken on the matter copy furnish this Office for monitoring purposes.


ATTY. ANALIZA REBUELTA-TEH

Cc: Mayor Walter B. Marquez
Municipality of Sablayan
Occidental Mindoro



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Department of Environment and Natural Resources
Visayas Avenue, Diliman, Quezon City 1100
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Website: <http://www.denr.gov.ph> • E-mail: web@denrgov.ph

05 May 2023

MAYOR WALTER B. MARQUEZ
Municipality of Sablayan
Occidental Mindoro

Dear **Mayor Marquez:**

This refers to your letter requesting the DENR to include in the DENR's FY 2024 budget proposal the amount of Php1.3 billion for the rehabilitation of Sabang River.

Please be informed that we requested the Office of the Undersecretary for Field Operations-Luzon and Visayas, Director of the Environmental Management Bureau, Regional Executive Director of DENR-Region IVB and the Executive Director of River Basin Control Office to evaluate the request and to submit their comments and recommendations to the Director of the Financial and Management Service for appropriate action. The Regional Executive Director of DENR Region IVB will directly coordinate with your Office regarding action taken on the matter.

Thank you.

Very truly yours,

ATTY. ANALIZA REBUELTA-TEH
Undersecretary

Finance, Information Systems and Climate Change

Cc: The Undersecretary for Field Operations
Luzon, Visayas and Environment

The OIC, Assistant Secretary for Field Operations Luzon and Visayas
and Concurrent Director, Environmental Management Bureau

The Regional Executive Director
DENR-Region IVB

The Executive Director
River Basin Control Office

The Director
Financial and Management Service



OFFICE OF THE MAYOR
SABLAYAN, OCCIDENTAL MINDORO



April 17, 2023

SECRETARY MARIA ANTONIA "TONI" YULO- LOYZAGA
Department of Environment and Natural Resources
5 Visayas Avenue, Diliman
Quezon City

Greetings:

This Local Government Unit believes that the restoration and development of the Sabang River in the Barangays of Poblacion, Buenavista, Sto. Niño, Ibud, and Claudio Salgado, this Municipality, is perceived as a package of interventions aimed at executing a multilayer of PPAs ultimately designed not only to protect our environment but be an economic driver itself and a showcase of safeguarding and promoting our natural resources.

Humbly, we appeal that this measure be part of the DENR priorities and vouch for its approval and incorporate the forthcoming budget of the Department.

The moment we already remove sedimentation and the water quality is improved while new landforms are seen, various improvements will follow as it would protect also the lives and property of the immediate dwellers in the area. Your inclusion of this in your future financial allocation is hereby earnestly sought.

The dredging and clearing of the waterway, earthworks, embankment, concrete files work, and grouted riprap, construction of bridge and improvement of suspension bridge, the establishment of parks and recreation areas, the establishment of water treatment facility, sub-grade stabilization and base coarse and concrete pavement, installation of Solar Streetlights and among others, are part and parcel of the whole river rehabilitation package that we aspire for.

Initially, the total project is pegged at around P1,300,000,000.00 and can be implemented phase by phase and/or per year funding the said package of a project. The total amount can be broken down into tranches as long as it will cover this grand river rehabilitation project.

Queries on the matter shall be directed to the undersigned at CP Nos. (0916) 873-9366; (0906) - 845-1130 and/or e-mail: mayorbongmarquez@gmail.com

Thank you.

Very truly yours,

WALTER B. MARQUEZ
Municipal Mayor





OFFICE OF THE MAYOR
SABLAYAN, OCCIDENTAL MINDORO

April 17, 2023

SECRETARY MARIA ANTONIA "TONI" YULO- LOYZAGA
Department of Environment and Natural Resources
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Thank you.

Very truly yours,

WALTER B. MARQUEZ
Municipal Mayor



Province of Occidental Mindoro
MUNICIPALITY OF SABLAYAN
OFFICE OF THE MUNICIPAL ENGINEER
INFRASTRUCTURE

Name of Project: RESTORATION AND DEVELOPMENT OF SABANG RIVER Implementation Category: By CONTRACT
Location: Barangay Buenavista, Sto. Nino, Ibud, Sablayan, Occ. Min Description: RESTORATION AND DEVELOPMENT
Appropriation: P1,300,000,000.00 OF 7 KM STRETCH OF SABANG RIVER & ALIPID DELTA
Source of Fund: OUTSOURCING
Date: _____
Calendar Days to Complete: 1,080.00 Cal. days

DESCRIPTION OF WORK TO BE DONE		Percent of Total	Equipment RQT Description	TOTAL	
Part-A	Temporary Facilities			-	
A.1.1(11)	Temporary Facilities with fixtures & Equipment	0.10%		1,000,000.00	
Part-B	Other General Requirements			-	
B.1	PROJECT BILL BOARD	0.00%		28,200.00	
B.2	Construction Safety and Health Program	0.13%		1,402,000.00	
B.3	MOBILIZATION & DEMOBILIZATION	0.06%		630,000.00	
B.4.(1)	Construction Survey and Staking	0.03%		303,000.00	
Part-C	CIVIL WORKS				
I.	EARTHWORKS				
I.1	CLEARING OF WATER WAY	0.55%		5,775,300.00	
I.2	EMBANKMENT	11.62%		121,123,200.00	
II.	CONCRETE PILES WORKS	25.75%		268,468,000.00	
III	GROUTED RIPRAP	3.31%		34,520,190.00	
IV.	BRIDGES			-	
IV.1	IMPROVEMENT OF SABANG SUSPENSION BRIDGE	5.59%		58,252,250.00	
IV.2	CONCRETE BRIDGE	11.14%		116,155,000.00	
V.	CROSS DRAINAGES	0.79%		8,277,000.00	
VI.	SUB-GRADE STABILIZATION & BASE COARSE	2.02%		21,092,000.00	
VII.	PORTLAND CEMENT CONCRETE PAVEMENT	6.96%		72,574,600.00	
VIII.	PARKS AND RECREATION	29.68%		309,342,000.00	
Part-D	MISCELLANEOUS WORKS				
I	WATER TREATMENT FACILITY	2.25%		23,456,000.00	
II.	SOLAR STREET LIGHTS	0.67%		6,990,000.00	
TOTAL		100.00%		1,042,398,740.0	
SUMMARY ESTIMATED COST DESCRIPTION		QTY	UNIT OF MEASURE	DIRECT COST UNIT COST	TOTAL
Part-A	Temporary Facilities				-
A.1.1(11)	Temporary Facilities with fixtures & Equipment	1.00	lps	1,000,000.00	1,000,000.00
Part-B	Other General Requirements				-
B.1	PROJECT BILL BOARD	1.00	lot	28,200.00	28,200.00
B.2	Construction Safety and Health Program	1.00	lot	1,402,000.00	1,402,000.00
B.3	MOBILIZATION & DEMOBILIZATION	1.00	lot	630,000.00	630,000.00
B.4.(1)	Construction Survey and Staking	1.00	lot	303,000.00	303,000.00
Part-C	CIVIL WORKS				-
I.	EARTHWORKS				-
I.1	CLEARING OF WATER WAY	100,000.00	CU.M.	57.75	5,775,300.00
I.2	EMBANKMENT	158,400.00	CU.M.	764.67	121,123,200.00
II.	CONCRETE PILES WORKS	8,200.00	LM	32,740.00	268,468,000.00
III	GROUTED RIPRAP	12,961.00	CU.M.	2,663.39	34,520,190.00
IV.	BRIDGES				-
IV.1	IMPROVEMENT OF SABANG SUSPENSION BRIDGE	100.00	M	582,523	58,252,250.00
IV.2	CONCRETE BRIDGE	2.00	UNIT	58,077,500	116,155,000.00
V.	CROSS DRAINAGES	60.00	LINES	137,950.00	8,277,000.00
VI.	SUB-GRADE STABILIZATION & BASE COARSE	21,121.00	CU.M.	998.63	21,092,000.00
VII.	PORTLAND CEMENT CONCRETE PAVEMENT	13,201.00	CU.M.	5,497.66	72,574,600.00
VIII.	PARKS AND RECREATION	78,000.00	SQ.M.	3,965.92	309,342,000.00
Part-D	MISCELLANEOUS WORKS				
I	WATER TREATMENT FACILITY	3.00	LOT	7,818,666.67	23,456,000.00
II.	SOLAR STREET LIGHTS	1.00	LOT	6,990,000.00	6,990,000.00

Breakdown of Estimated Cost			A. Total Direct Cost.....		1,049,388,740.0
(Refer to Detailed Estimates)			B. Indirect Cost		
DIRECT COST			B.1 OCM		104,239,874.00
Labor.....	58,347,550.0	4.51%	B.2 Profit		83,391,899.20
Materials.....	895,163,990.00	69.23%	B.3 Taxes		61,501,525.66
Rental Of Equip'l.....	88,887,200.00	6.87%	B. TOTAL INDIRECT COST		249,133,298.86
Fuel/Oil & S'parts.....			TOTAL COST		1,298,522,038.86
INDIRECT COST			C. Gen. Requirements		
OCM.....	104,239,874.00	8.06%	C.1 Municipal Overhead		1,477,961.1
Profit.....	83,391,899.20	6.45%	TOTAL PROJECT COST..		P1,300,000,000.00
Taxes.....	61,501,525.66	4.76%			
Gen. Requirements.....	1,477,961.14				
TOTAL PROJECT COST.....					
	P1,293,010,000.00	100%			

Prepared By:

ALFREDO P. SUGANO JR.
Engineer-III

Submitted By:

ADMER A. TRILLANA
Municipal Engineer

Approved:

WALTER B. MARQUEZ
Municipal Mayor

Province of Occidental Mindoro
MUNICIPALITY OF SABLAYAN
OFFICE OF THE MUNICIPAL ENGINEER
INFRASTRUCTURE

Name of Project: RESTORATION AND DEVELOPMENT OF SABANG RIVER Implementation Category: By CONTRACT
Location: Barangay Buenavista, Sto. Nino, Ibud, Sablayan, Occ. Min Description: RESTORATION AND DEVELOPMENT
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Date: _____
Calendar Days to Complete: 1,080.00 Cal. days

DESCRIPTION OF WORK TO BE DONE		Percent of Total	Equipment RQT Description	TOTAL	
Part-A	Temporary Facilities			-	
A.1.1(11)	Temporary Facilities with fixtures & Equipment	0.10%		1,000,000.00	
Part-B	Other General Requirements			-	
B.1	PROJECT BILL BOARD	0.00%		28,200.00	
B.2	Construction Safety and Health Program	0.13%		1,402,000.00	
B.3	MOBILIZATION & DEMOBILIZATION	0.06%		630,000.00	
B.4.(1)	Construction Survey and Staking	0.03%		303,000.00	
Part-C	CIVIL WORKS				
I.	EARTHWORKS				
I.1	CLEARING OF WATER WAY	0.55%		5,775,300.00	
I.2	EMBANKMENT	11.62%		121,123,200.00	
II.	CONCRETE PILES WORKS	25.75%		268,468,000.00	
III	GROUTED RIPRAP	3.31%		34,520,190.00	
IV.	BRIDGES			-	
IV.1	IMPROVEMENT OF SABANG SUSPENSION BRIDGE	5.59%		58,252,250.00	
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V.	CROSS DRAINAGES	0.79%		8,277,000.00	
VI.	SUB-GRADE STABILIZATION & BASE COARSE	2.02%		21,092,000.00	
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VIII.	PARKS AND RECREATION	29.68%		309,342,000.00	
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I	WATER TREATMENT FACILITY	2.25%		23,456,000.00	
II.	SOLAR STREET LIGHTS	0.67%		6,990,000.00	
TOTAL		100.00%		1,042,398,740.0	
SUMMARY ESTIMATED COST DESCRIPTION		QTY	UNIT OF MEASURE	DIRECT COST UNIT COST	TOTAL
Part-A	Temporary Facilities				-
A.1.1(11)	Temporary Facilities with fixtures & Equipment	1.00	lps	1,000,000.00	1,000,000.00
Part-B	Other General Requirements				-
B.1	PROJECT BILL BOARD	1.00	lot	28,200.00	28,200.00
B.2	Construction Safety and Health Program	1.00	lot	1,402,000.00	1,402,000.00
B.3	MOBILIZATION & DEMOBILIZATION	1.00	lot	630,000.00	630,000.00
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Part-C	CIVIL WORKS				-
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III	GROUTED RIPRAP	12,961.00	CU.M	2,663.39	34,520,190.00
IV.	BRIDGES				-
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II.	SOLAR STREET LIGHTS	1.00	LOT	6,990,000.00	6,990,000.00

Breakdown of Estimated Cost

(Refer to Detailed Estimates)

DIRECT COST

	AMOUNT	PERCENT
Labor	58,347,550.00	4.51%
Materials	895,163,990.00	89.23%
Rental Of Equip't	88,887,200.00	6.87%
Fuel/Oil & S'parts		

INDIRECT COST

OCM	104,239,874.00	8.06%
Profit	83,391,899.20	6.45%
Taxes	61,501,525.66	4.70%
Gen. Requirements	1,477,961.14	

TOTAL PROJECT COST P1,293,010,000.00 100%

Prepared By:

ALFREDO P. SUGANO JR.
Engineer-III

A. Total Direct Cost **1,049,388,740.0**

B. Indirect Cost

B.1 OCM	104,239,874.00
B.2 Profit	83,391,899.20
B.3 Taxes	61,501,525.66

B. TOTAL INDIRECT COST **249,133,298.86**

TOTAL COST **1,298,522,038.86**

C. Gen. Requirements

C.1 Municipal Overhead 1,477,961.1

TOTAL PROJECT COST . . . **P1,300,000,000.00**

Submitted By:

ADMER A. TRILLANA
Municipal Engineer

Approved:

WALTER B. MARQUEZ
Municipal Mayor

Province of Occidental Mindoro
MUNICIPALITY OF SABLAYAN
OFFICE OF THE MUNICIPAL ENGINEER
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Part-B	Other General Requirements			-	
B.1	PROJECT BILL BOARD	0.00%		28,200.00	
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(Refer to Detailed Estimates)

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B. Indirect Cost

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C. Gen. Requirements

C.1 Municipal Overhead 1,477,961.1

TOTAL PROJECT COST.. P1,300,000,000.00

Prepared By:

ALFREDO P. SUGANO JR.
Engineer-III

Submitted By:

ADMER A. TRILLANA
Municipal Engineer

Approved:

WALTER B. MARQUEZ
Municipal Mayor

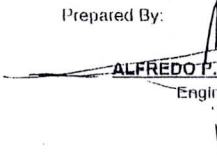
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MUNICIPALITY OF SABLAYAN
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INFRASTRUCTURE

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Part-B	Other General Requirements			-	
B.1	PROJECT BILL BOARD	0.00%		28,200.00	
B.2	Construction Safety and Health Program	0.13%		1,402,000.00	
B.3	MOBILIZATION & DEMOBILIZATION	0.06%		630,000.00	
B.4.(1)	Construction Survey and Staking	0.03%		303,000.00	
Part-C	CIVIL WORKS				
I.	EARTHWORKS				
I.1	CLEARING OF WATER WAY	0.55%		5,775,300.00	
I.2	EMBANKMENT	11.62%		121,123,200.00	
II.	CONCRETE PILES WORKS	25.75%		268,468,000.00	
III	GROUTED RIPRAP	3.31%		34,520,190.00	
IV.	BRIDGES			-	
IV.1	IMPROVEMENT OF SABANG SUSPENSION BRIDGE	5.59%		58,252,250.00	
IV.2	CONCRETE BRIDGE	11.14%		116,155,000.00	
V.	CROSS DRAINAGES	0.79%		8,277,000.00	
VI.	SUB-GRADE STABILIZATION & BASE COARSE	2.02%		21,092,000.00	
VII.	PORTLAND CEMENT CONCRETE PAVEMENT	6.96%		72,574,600.00	
VIII.	PARKS AND RECREATION	29.68%		309,342,000.00	
Part-D	MISCELLANEOUS WORKS				
I	WATER TREATMENT FACILITY	2.25%		23,456,000.00	
II.	SOLAR STREET LIGHTS	0.67%		6,990,000.00	
TOTAL		100.00%		1,042,398,740.0	
SUMMARY ESTIMATED COST DESCRIPTION		QTY	UNIT OF MEASURE	DIRECT COST UNIT COST	TOTAL
Part-A	Temporary Facilities				-
A.1.1(11)	Temporary Facilities with fixtures & Equipment	1.00	lps	1,000,000.00	1,000,000.00
Part-B	Other General Requirements				-
B.1	PROJECT BILL BOARD	1.00	lot	28,200.00	28,200.00
B.2	Construction Safety and Health Program	1.00	lot	1,402,000.00	1,402,000.00
B.3	MOBILIZATION & DEMOBILIZATION	1.00	lot	630,000.00	630,000.00
B.4.(1)	Construction Survey and Staking	1.00	lot	303,000.00	303,000.00
Part-C	CIVIL WORKS				-
I.	EARTHWORKS				-
I.1	CLEARING OF WATER WAY	100,000.00	CU.M.	57.75	5,775,300.00
I.2	EMBANKMENT	158,400.00	CU.M.	764.67	121,123,200.00
II.	CONCRETE PILES WORKS	8,200.00	LM	32,740.00	268,468,000.00
III	GROUTED RIPRAP	12,961.00	CU.M.	2,663.39	34,520,190.00
IV.	BRIDGES				-
IV.1	IMPROVEMENT OF SABANG SUSPENSION BRIDGE	100.00	M	582,523	58,252,250.00
IV.2	CONCRETE BRIDGE	2.00	UNIT	58,077,500	116,155,000.00
V.	CROSS DRAINAGES	60.00	LINES	137,950.00	8,277,000.00
VI.	SUB-GRADE STABILIZATION & BASE COARSE	21,121.00	CU.M.	998.63	21,092,000.00
VII.	PORTLAND CEMENT CONCRETE PAVEMENT	13,201.00	CU.M.	5,497.66	72,574,600.00
VIII.	PARKS AND RECREATION	78,000.00	SQ.M.	3,965.92	309,342,000.00
Part-D	MISCELLANEOUS WORKS				
I	WATER TREATMENT FACILITY	3.00	LOT	7,818,666.67	23,456,000.00
II.	SOLAR STREET LIGHTS	1.00	LOT	6,990,000.00	6,990,000.00

Breakdown of Estimated Cost (Refer to Detailed Estimates)			A. Total Direct Cost.....		1,049,388,740.0
DIRECT COST			B. Indirect Cost		
Labor	58,347,550.0	4.51%	B.1 OCM		104,239,874.00
Materials.....	895,163,990.00	69.23%	B.2 Profit		83,391,899.20
Rental Of Equip't.....	88,887,200.00	6.87%	B.3 Taxes		61,501,525.66
Fuel/Oil & S'parts.....			B. TOTAL INDIRECT COST		249,133,298.86
INDIRECT COST			TOTAL COST		1,298,522,038.86
OCM.....	104,239,874.00	8.06%	C. Gen. Requirements		
Profit.....	83,391,899.20	6.45%	C.1 Municipal Overhead		1,477,961.1
Taxes.....	61,501,525.66	4.76%	TOTAL PROJECT COST.....		P1,300,000,000.00
Gen. Requirements.....	1,477,961.14				
TOTAL PROJECT COST.....					

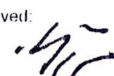
Prepared By:


ALFREDO P. SUGANO JR.
Engineer-III

Submitted By:


ADMER A. TRILLANA
Municipal Engineer

Approved:


WALTER B. MARQUEZ
Municipal Mayor

ITEM NO.	DESCRIPTION	MATERIALS	LABOR	RENTAL OF EQUIPMENT	FUEL & OIL	AMOUNT
Part-A	Temporary Facilities					
A.1.1(11)	Temporary Facilities with fixtures & Equipment	1,000,000.00				1,000,000.00
Part-B	Other General Requirements					
B.1	PROJECT BILL BOARD	24,000.00	4,200.00			28,200.00
B.2	Construction Safety and Health Program	610,000.00	792,000.00			1,402,000.00
B.3	MOBILIZATION & DEMOBILIZATION			630,000.00		630,000.00
B.4.1)	Construction Survey and Staking		153,000.00	150,000.00		303,000.00
Part-C	CIVIL WORKS					
I.	EARTHWORKS					
I.1	CLEARING OF WATER WAY		600,300.00	5,175,000.00		5,775,300.00
I.2	EMBANKMENT	113,256,000.00	5,336,000.00	1,531,200.00		121,123,200.00
II.	CONCRETE PILES WORKS	246,000,000.00	7,708,000.00	14,760,000.00		268,468,000.00
III.	GROUTED RIPRAP	29,255,190.00	4,290,000.00	975,000.00		34,520,190.00
IV.	BRIDGES					
IV.1	IMPROVEMENT OF SABANG SUSPENSION BRIDGE	44,000,000.00	4,252,250.00	10,000,000.00		58,252,250.00
IV.2	CONCRETE BRIDGE	88,000,000.00	20,000,000.00	8,155,000.00		116,155,000.00
V.	CROSS DRAINAGES	3,660,000.00	2,097,000.00	2,520,000.00		8,277,000.00
VI.	SUB-GRADE STABILIZATION & BASE COARSE	17,424,000.00	203,000.00	3,465,000.00		21,092,000.00
VII.	PORTLAND CEMENT CONCRETE PAVEMENT	55,034,800.00	6,223,800.00	11,316,000.00		72,574,600.00
VIII.	PARKS AND RECREATION	276,900,000.00	4,752,000.00	27,690,000.00		309,342,000.00
Part-D	MISCELLANEOUS WORKS					
I.	WATER TREATMENT FACILITY	20,000,000.00	936,000.00	2,520,000.00		23,456,000.00
II.	SOLAR STREET LIGHTS	6,000,000.00	390,000.00	600,000.00		6,990,000.00
A. TOTAL DIRECT COST		895,163,990.00	58,347,550.00	88,887,200.00		1,049,388,740.00

B. INDIRECT COST

B.1 OCM

B.2 Profit

B.3 Taxes

B. TOTAL INDIRECT COST

TOTAL CONSTRUCTION COST

C. GENERAL REQUIREMENTS

C.1 Municipal Overhead

TOTAL PROJECT COST ===== P1,300,000,000.00

Prepared by:

Submitted By:

Approved:

~~ALFREDO P. SUGANO JR.~~
~~Engineer-III~~

~~ADMER A. TRILLANA~~
Municipal Engineer

WALTER B. MARQUEZ
Municipal Mayor

Name of Project: **RESTORATION AND DEVELOPMENT OF SABANG RIVER**
Location: **Barangay Buenavista, Sto. Nino, Ibud, Sablayan, Occ. Mindoro**

Appropriation: **P1,300,000,000.0**
Date:

ITEM NO.	DESCRIPTION	MATERIALS	LABOR	RENTAL OF EQUIPMENT	FUEL & OIL	AMOUNT
Part-A	Temporary Facilities					
A.1.1(11)	Temporary Facilities with fixtures & Equipment	1,000,000.00				1,000,000.00
Part-B	Other General Requirements					
B.1	PROJECT BILL BOARD	24,000.00	4,200.00			28,200.00
B.2	Construction Safety and Health Program	610,000.00	792,000.00			1,402,000.00
B.3	MOBILIZATION & DEMOBILIZATION			630,000.00		630,000.00
B.4.(1)	Construction Survey and Staking		153,000.00	150,000.00		303,000.00
Part-C	CIVIL WORKS					
I.	EARTHWORKS					
I.1	CLEARING OF WATER WAY		600,300.00	5,175,000.00		5,775,300.00
I.2	EMBANKMENT	113,256,000.00	6,336,000.00	1,531,200.00		121,123,200.00
II.	CONCRETE PILES WORKS	246,000,000.00	7,708,000.00	14,760,000.00		268,468,000.00
III.	GROUTED RIPRAP	29,255,190.00	4,290,000.00	975,000.00		34,520,190.00
IV.	BRIDGES					
IV.1	IMPROVEMENT OF SABANG SUSPENSION BRIDGE	44,000,000.00	4,252,250.00	10,000,000.00		58,252,250.00
IV.2	CONCRETE BRIDGE	88,000,000.00	20,000,000.00	8,155,000.00		116,155,000.00
V.	CROSS DRAINAGES	3,660,000.00	2,097,000.00	2,520,000.00		8,277,000.00
VI.	SUB-GRADE STABILIZATION & BASE COARSE	17,424,000.00	203,000.00	3,465,000.00		21,092,000.00
VII.	PORTLAND CEMENT CONCRETE PAVEMENT	55,034,800.00	6,223,800.00	11,316,000.00		72,574,600.00
VIII.	PARKS AND RECREATION	276,900,000.00	4,752,000.00	27,690,000.00		309,342,000.00
Part-D	MISCELLANEOUS WORKS					
I	WATER TREATMENT FACILITY	20,000,000.00	936,000.00	2,520,000.00		23,456,000.00
II.	SOLAR STREET LIGHTS	6,000,000.00	390,000.00	600,000.00		6,990,000.00
A. TOTAL DIRECT COST		895,163,990.00	58,347,550.00	88,887,200.00		1,049,388,740.00

B. INDIRECT COST						
B.1	OCM	10.0%	89,516,399.00	5,834,755.00	8,888,720.00	104,239,874.00
B.2	Profit	8.0%	71,613,119.20	4,667,804.00	7,110,976.00	83,391,899.20
B.3	Taxes	5.0%	52,814,675.41	3,442,505.45	5,244,344.80	61,501,525.66
B. TOTAL INDIRECT COST						249,133,298.86

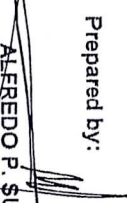
TOTAL CONSTRUCTION COST						1,298,522,038.86
C. GENERAL REQUIREMENTS						
C.1	Municipal Overhead					1,477,961.14

TOTAL PROJECT COST						P1,300,000,000.00
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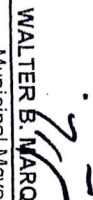
Prepared by:

Submitted By:

Approved:


ALFREDO P. SUGANO JR.
Engineer-III


ADMER A. TRILLANA
Municipal Engineer


WALTER B. MARQUEZ
Municipal Mayor

ITEM NO.	DESCRIPTION	MATERIALS	LABOR	RENTAL OF EQUIPMENT	FUEL & OIL	AMOUNT
Part-A	Temporary Facilities					
A.1.1(11)	Temporary Facilities with fixtures & Equipment	1,000,000.00				1,000,000.00
Part-B	Other General Requirements					
B.1	PROJECT BILL BOARD	24,000.00	4,200.00			28,200.00
B.2	Construction Safety and Health Program	610,000.00	792,000.00			1,402,000.00
B.3	MOBILIZATION & DEMOBILIZATION			630,000.00		630,000.00
B.4.(1)	Construction Survey and Staking		153,000.00	150,000.00		303,000.00
Part-C	CIVIL WORKS					
I.	EARTHWORKS					
I.1	CLEARING OF WATER WAY		600,300.00	5,175,000.00		5,775,300.00
I.2	EMBANKMENT	113,256,000.00	6,336,000.00	1,531,200.00		121,123,200.00
II.	CONCRETE PILES WORKS	246,000,000.00	7,708,000.00	14,760,000.00		268,468,000.00
III.	GROUTED RIPRAP	29,255,190.00	4,290,000.00	975,000.00		34,520,190.00
IV.	BRIDGES					
IV.1	IMPROVEMENT OF SABANG SUSPENSION BRIDGE	44,000,000.00	4,252,250.00	10,000,000.00		58,252,250.00
IV.2	CONCRETE BRIDGE	88,000,000.00	20,000,000.00	8,155,000.00		116,155,000.00
V.	CROSS DRAINAGES	3,660,000.00	2,097,000.00	2,520,000.00		8,277,000.00
VI.	SUB-GRADE STABILIZATION & BASE COARSE	17,424,000.00	203,000.00	3,466,000.00		21,092,000.00
VII.	PORTLAND CEMENT CONCRETE PAVEMENT	55,034,800.00	6,223,800.00	11,316,000.00		72,574,600.00
VIII.	PARKS AND RECREATION	276,900,000.00	4,752,000.00	27,690,000.00		309,342,000.00
Part-D	MISCELLANEOUS WORKS					
I	WATER TREATMENT FACILITY	20,000,000.00	936,000.00	2,520,000.00		23,456,000.00
II.	SOLAR STREET LIGHTS	6,000,000.00	390,000.00	600,000.00		6,990,000.00
A. TOTAL DIRECT COST		895,163,990.00	58,347,550.00	88,887,200.00		1,049,388,740.00

B. INDIRECT COST						
B.1 OCM	10.0%	89,516,399.00	5,834,755.00	8,888,720.00		104,239,874.00
B.2 Profit	8.0%	71,613,119.20	4,667,804.00	7,110,976.00		83,391,899.20
B.3 Taxes	5.0%	52,814,675.41	3,442,505.45	5,244,344.80		61,501,525.66
B. TOTAL INDIRECT COST						249,133,298.86
TOTAL CONSTRUCTION COST						1,298,522,038.86
C. GENERAL REQUIREMENTS						
C.1 Municipal Overhead						1,477,961.14
TOTAL PROJECT COST =						P1,300,000,000.00

ITEM NO.	DESCRIPTION	MATERIALS	LABOR	RENTAL OF EQUIPMENT	FUEL & OIL	AMOUNT
Part-A A.1.1(11) Part-B	Temporary Facilities with fixtures & Equipment Other General Requirements	1,000,000.00				1,000,000.00
B.1	PROJECT BILL BOARD	24,000.00	4,200.00			28,200.00
B.2	Construction Safety and Health Program	610,000.00	792,000.00			1,402,000.00
B.3	MOBILIZATION & DEMOBILIZATION			630,000.00		630,000.00
B.4.(1) Part-C	Construction Survey and Staking CIVIL WORKS		153,000.00	150,000.00		303,000.00
I.	EARTHWORKS					
I.1	CLEARING OF WATER WAY		600,300.00	5,175,000.00		5,775,300.00
I.2	EMBANKMENT	143,256,000.00	6,336,000.00	1,531,200.00		121,123,200.00
II.	CONCRETE PILES WORKS	246,000,000.00	7,708,000.00	14,760,000.00		268,468,000.00
III	GROUTED RIPRAP	29,255,190.00	4,290,000.00	975,000.00		34,520,190.00
IV.	BRIDGES					
IV.1	IMPROVEMENT OF SABANG SUSPENSION BRIDGE	44,000,000.00	4,262,250.00	10,000,000.00		58,262,250.00
IV.2	CONCRETE BRIDGE	88,000,000.00	20,000,000.00	8,155,000.00		116,155,000.00
V.	CROSS DRAINAGES	3,660,000.00	2,097,000.00	2,520,000.00		8,277,000.00
VI.	SUB-GRADE STABILIZATION & BASE COARSE	17,424,000.00	203,000.00	3,465,000.00		21,092,000.00
VII.	PORTLAND CEMENT CONCRETE PAVEMENT	55,034,800.00	6,223,800.00	11,316,000.00		72,574,600.00
VIII.	PARKS AND RECREATION	276,900,000.00	4,752,000.00	27,690,000.00		309,342,000.00
Part-D	MISCELLANEOUS WORKS					
I	WATER TREATMENT FACILITY	20,000,000.00	936,000.00	2,520,000.00		23,456,000.00
II.	SOLAR STREET LIGHTS	6,000,000.00	390,000.00	600,000.00		6,990,000.00
A. TOTAL DIRECT COST		895,163,990.00	58,347,550.00	88,887,200.00		1,049,388,740.00

B. INDIRECT COST						
B.1	OCM	10.0%	89,516,399.00	5,834,755.00	8,888,720.00	104,239,874.00
B.2	Profit	8.0%	71,613,119.20	4,667,804.00	7,110,976.00	83,391,899.20
B.3	Taxes	5.0%	52,814,675.41	3,442,505.45	5,244,344.80	61,501,525.66
B. TOTAL INDIRECT COST 249,133,298.86						

TOTAL CONSTRUCTION COST	1,298,522,038.86
C. GENERAL REQUIREMENTS	
C.1 Municipal Overhead	1,477,961.14

TOTAL PROJECT COST ===== P1,300,000,000.00

Prepared by:

Submitted By:

Approved:


ALFREDO P. SUGANO JR.
Engineer-III


ADMIR A. TRILLANA
Municipal Engineer


WALTER B. MARQUEZ
Municipal Mayor

Name of proposed subproject:	Location:

RESTORATION AND DEVELOPMENT OF SABANG RIVER
Barangay Buenavista, Sto. Nino, Ibud, Sablayan, Occ. Mindoro

Proposed Implementation Period
Subproject Duration

<u>1,080.00</u>	<u>Calendar Days</u>
-----------------	----------------------

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Prepared by:

Checked by:

Approved:

[illegible]

~~ADMER A. TRILLANA~~
~~Municipal Engineer~~

WALTER B. MARQUEZ
Municipal Mayor

Name of proposed subproject

Location:

RESTORATION AND DEVELOPMENT OF SABANG RIVER
Barangay Buenavista, Sto. Nino, Ibad, Sablayan, Occ. Mindoro

Proposed Implementation Period:

Subproject Duration

<u>1,080.00</u>	<u>Calendar Days</u>
-----------------	----------------------

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Prepared by:

Checked by:

Approved:

ALFREDO F. SUGANO JR.

Ensigner-11

ADMER A. TRILLANA

Municipal Engineer

WALTER B. MARQUEZ

Municipal Mayor

PROJECT SCHEDULE AND S-CURVE

Name of proposed subproject: RESTORATION AND DEVELOPMENT OF SABANG RIVER
Location: Baranay Buenavista, Sto. Nino, Ibad, Sablayan, Occ. Mindoro
Proposed Implementation Period: 1,080.00 Calendar Days
Subproject Duration

Item No.	Scope of Work	Quantity	Unit	Unit Cost	Amount	% Weight	Planned/Actual	No. of Months	YEAR-1												YEAR-2												YEAR-3																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													

Prepared by:
ALFREDO P. SUGANO JR.
Engineer-III

Checked by:
ADMER A. TRILLANA
Municipal Engineer

Approved:
WALTER B. MARQUEZ
Municipal Mayor

Name of proposed subproject:	Location:	Proposed implementation Period	Subproject Duration

RESTORATION AND DEVELOPMENT OF SABANG RIVER
Barangay Buenavista, Sto. Nino, Ibud, Sablayan, Occ. Mindoro

<u>1,080.00</u>	<u>Calendar Days</u>
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Checked by:

Approved:

~~ALFREDO P. SUGANO JR.~~
Engineer-III

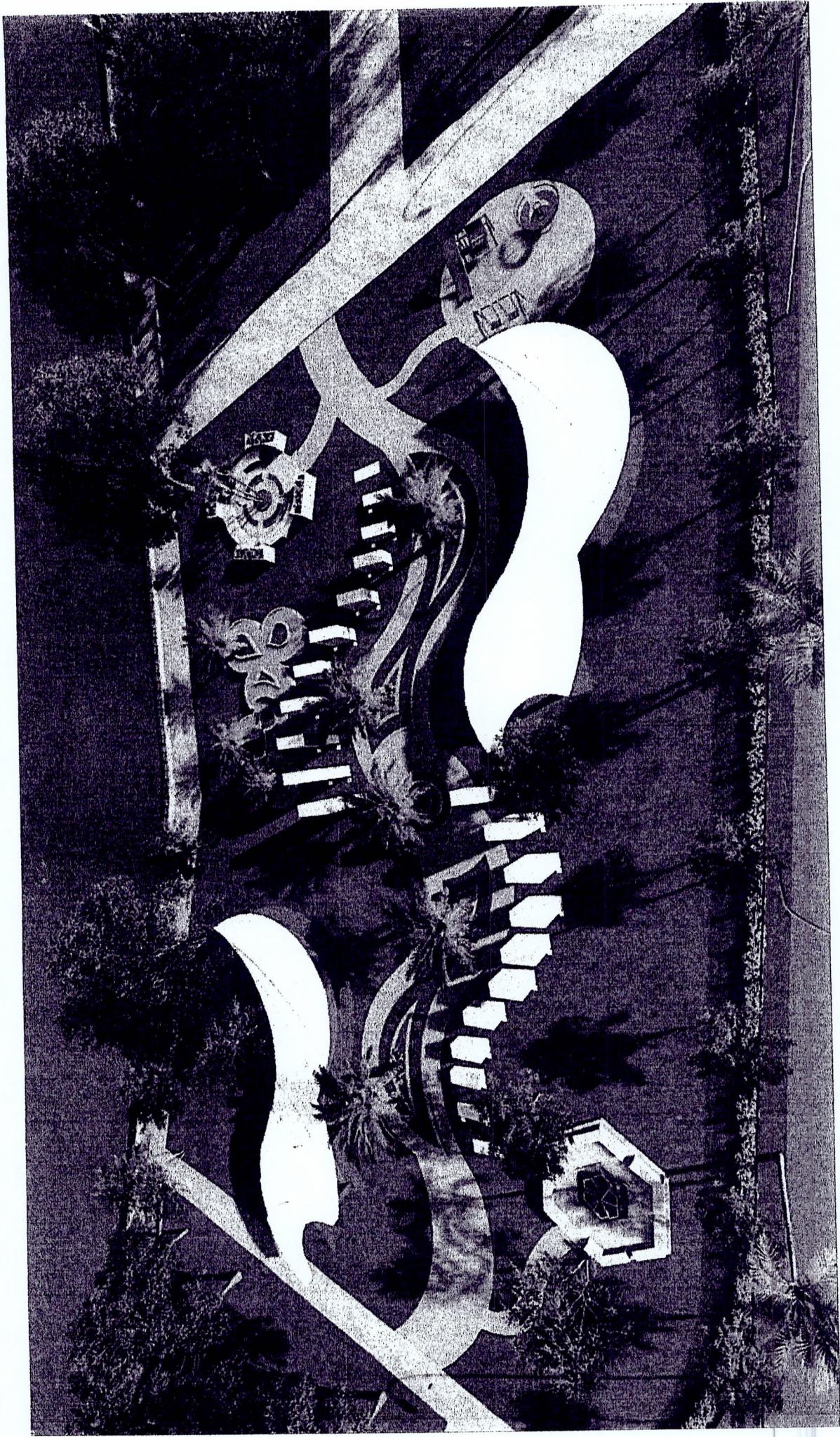
~~ADMER A. TRIBIANA~~
~~Municipal Engineer~~

WALTER B. MARQU
Municipal Mayor



PERSPECTIVE

	Project Title / Location:	Prepared By:	Checked By:	Submitted By:	Approved By:
RESTORATION AND DEVELOPMENT OF SABANG RIVER MUNICIPALITY OF SABLAYAN PROVINCE OF OCCIDENTAL MINDORO	ALYSSA JADER VIGUILLA ARCHITECT	ROBERT CHRISTIAN T. URIETA ARCHITECT II	ADMER A. TRILLANA MUNICIPAL ENGINEER		WALTER B. MARQUEZ MUNICIPAL MAYOR



PERSPECTIVE



Project Title / Location:

RESTORATION AND DEVELOPMENT
OF SABANG RIVER
MUNICIPALITY OF SARAYAN
PROVINCE OF OCCIDENTAL MINDORO

Prepared By:

ALYSSA JADE R. VIGUILLA
ARCHITECT

Checked By:

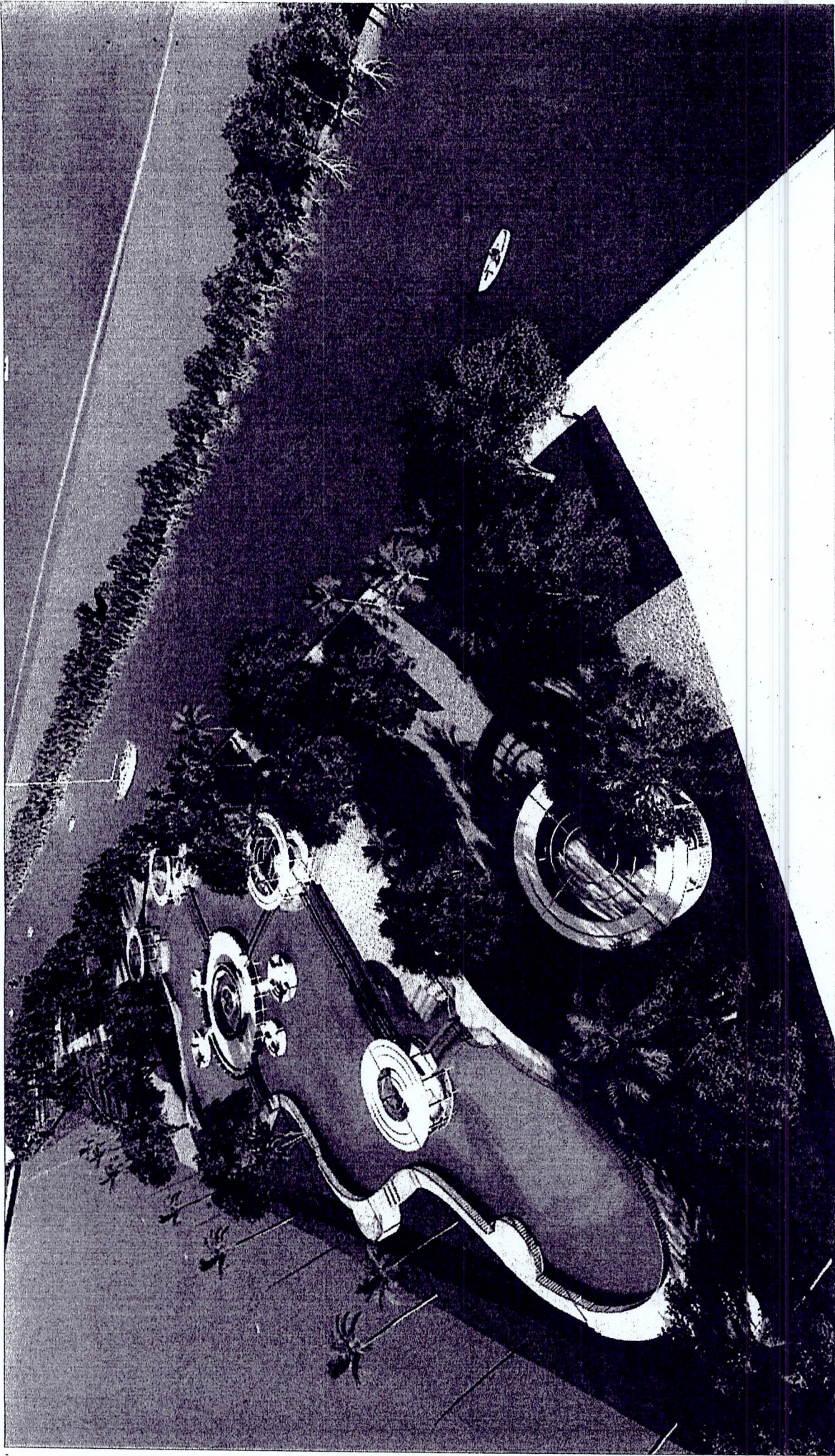
ROBERT CHRISTIAN T. URIETA
ARCHITECT II

Submitted By:

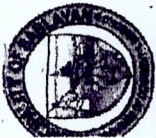
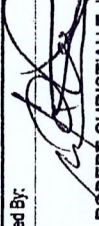
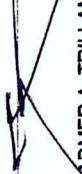
ADMER A. TRILLANA
MUNICIPAL ENGINEER

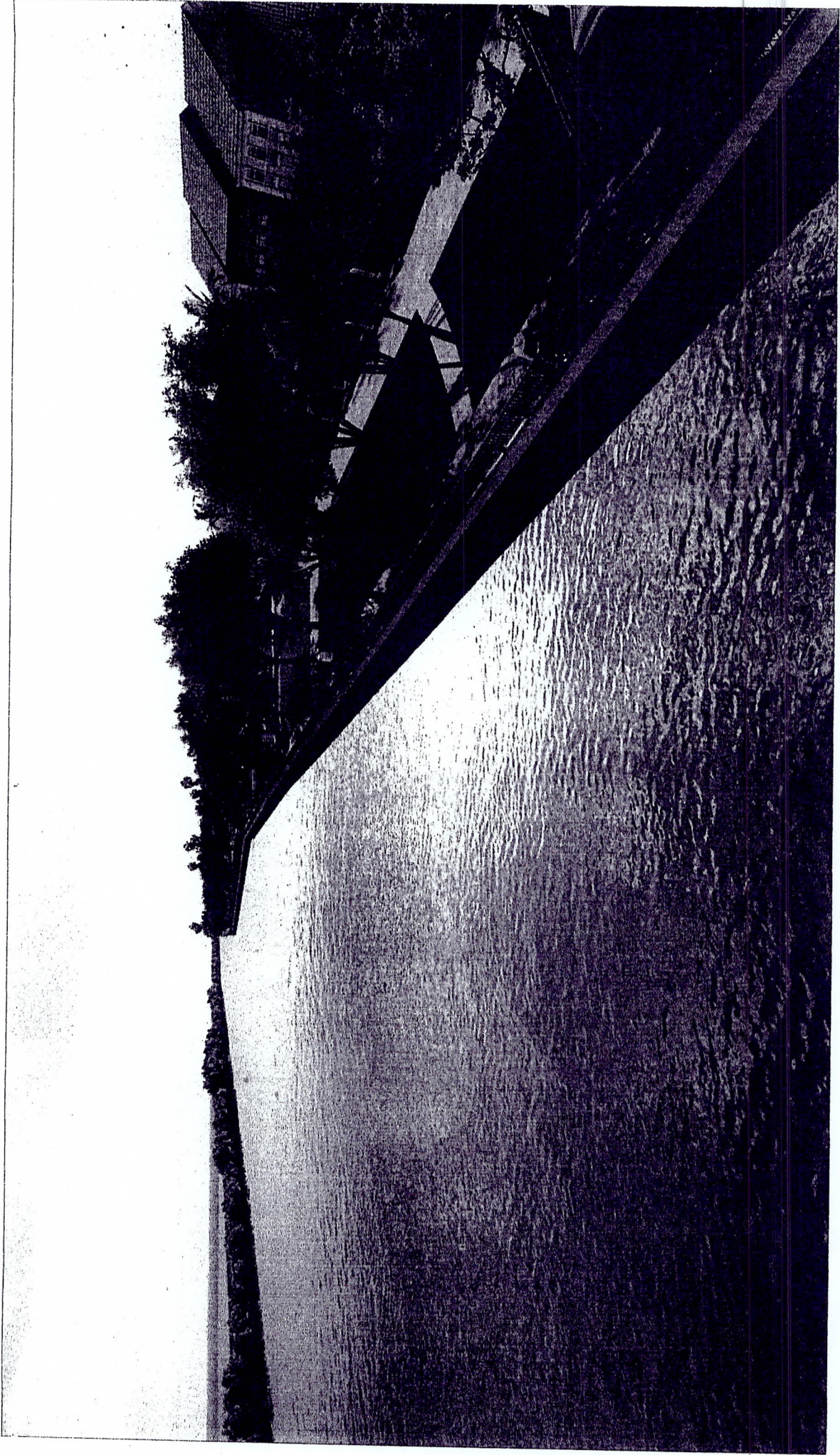
Approved By:

WALTER B. MARQUEZ
MUNICIPAL MAYOR



PERSPECTIVE

	Project Title / Location: RESTORATION AND DEVELOPMENT OF SABANG RIVER MUNICIPALITY OF SABLAYAN PROVINCE OF OCCIDENTAL MINDORO	Prepared By:  ALYSSA JADE R. MAGUILLA ARCHITECT	Checked By:  ROBERT CHRISTIAN T. URIETA ARCHITECT II	Submitted By:  ADMER A. TRILLANA MUNICIPAL ENGINEER	Approved By:  WALTER B. MARQUEZ MUNICIPAL MAYOR
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PERSPECTIVE



Project Title / Location:

RESTORATION AND DEVELOPMENT
OF SABANG RIVER
MUNICIPALITY OF SABANG
PROVINCE OF OCCIDENTAL MINDORO

Prepared By:

ALYSSA JADE R. AGUILLA
ARCHITECT

Checked By:

ROBERT CHRISTIAN T. URIETA
ARCHITECT II

Submitted By:

ADMIR A. TRILLANA
MUNICIPAL ENGINEER

Approved By:

WALTER B. MARQUEZ
MUNICIPAL MAYOR



PERSPECTIVE



Project Title / Location:

RESTORATION AND DEVELOPMENT
OF SABANG RIVER
MUNICIPALITY OF SABLAYAN
PROVINCE OF OCCIDENTAL MINDORO

Prepared By:

AL YSSA JADER VIGUILLA
ARCHITECT

Checked By:

ROBERT CHRISTIAN T. URIETA
ARCHITECT II

Submitted By:

ADMER A. TRILLANA
MUNICIPAL ENGINEER

Approved By:

WALTER B. MARQUEZ
MUNICIPAL ENGINEER

Province of Occidental Mindoro
MUNICIPALITY OF SABLAYAN
OFFICE OF THE MUNICIPAL ENGINEER
INFRASTRUCTURE

Name of Project: RESTORATION AND DEVELOPMENT OF SABANG RIVER Implementation Category: By CONTRACT
Location: Barangay Buenavista, Sto. Nino, Ibud, Sablayan, Occ. Min Description: RESTORATION AND DEVELOPMENT
Appropriation: P1,300,000,000.00 OF 7 KM STRETCH OF SABANG RIVER & ALIPID DELTA
Source of Fund: OUTSOURCING
Date: _____
Calendar Days to Complete: 1,080.00 Cal. days

DESCRIPTION OF WORK TO BE DONE		Percent of Total	Equipment RQT Description	TOTAL	
Part-A	Temporary Facilities			-	
A.1.1(11)	Temporary Facilities with fixtures & Equipment	0.10%		1,000,000.00	
Part-B	Other General Requirements			-	
B.1	PROJECT BILL BOARD	0.00%		28,200.00	
B.2	Construction Safety and Health Program	0.13%		1,402,000.00	
B.3	MOBILIZATION & DEMOBILIZATION	0.06%		630,000.00	
B.4.(1)	Construction Survey and Staking	0.03%		303,000.00	
Part-C	CIVIL WORKS				
I.	EARTHWORKS				
I.1	CLEARING OF WATER WAY	0.55%		5,775,300.00	
I.2	EMBANKMENT	11.62%		121,123,200.00	
II.	CONCRETE PILES WORKS	25.75%		268,468,000.00	
III	GROUTED RIPRAP	3.31%		34,520,190.00	
IV.	BRIDGES			-	
IV.1	IMPROVEMENT OF SABANG SUSPENSION BRIDGE	5.59%		58,252,250.00	
IV.2	CONCRETE BRIDGE	11.14%		116,155,000.00	
V.	CROSS DRAINAGES	0.79%		8,277,000.00	
VI.	SUB-GRADE STABILIZATION & BASE COARSE	2.02%		21,092,000.00	
VII.	PORTLAND CEMENT CONCRETE PAVEMENT	6.96%		72,574,600.00	
VIII.	PARKS AND RECREATION	29.68%		309,342,000.00	
Part-D	MISCELLANEOUS WORKS				
I	WATER TREATMENT FACILITY	2.25%		23,456,000.00	
II.	SOLAR STREET LIGHTS	0.67%		6,990,000.00	
TOTAL		100.00%		1,042,398,740.0	
SUMMARY ESTIMATED COST DESCRIPTION		QTY	UNIT OF MEASURE	DIRECT COST UNIT COST	TOTAL
Part-A	Temporary Facilities				-
A.1.1(11)	Temporary Facilities with fixtures & Equipment	1.00	lps	1,000,000.00	1,000,000.00
Part-B	Other General Requirements				-
B.1	PROJECT BILL BOARD	1.00	lot	28,200.00	28,200.00
B.2	Construction Safety and Health Program	1.00	lot	1,402,000.00	1,402,000.00
B.3	MOBILIZATION & DEMOBILIZATION	1.00	lot	630,000.00	630,000.00
B.4.(1)	Construction Survey and Staking	1.00	lot	303,000.00	303,000.00
Part-C	CIVIL WORKS				-
I.	EARTHWORKS				-
I.1	CLEARING OF WATER WAY	100,000.00	CU.M.	57.75	5,775,300.00
I.2	EMBANKMENT	158,400.00	CU.M.	764.67	121,123,200.00
II.	CONCRETE PILES WORKS	8,200.00	LM	32,740.00	268,468,000.00
III	GROUTED RIPRAP	12,961.00	CU.M.	2,663.39	34,520,190.00
IV.	BRIDGES				-
IV.1	IMPROVEMENT OF SABANG SUSPENSION BRIDGE	100.00	M	582,523	58,252,250.00
IV.2	CONCRETE BRIDGE	2.00	UNIT	58,077,500	116,155,000.00
V.	CROSS DRAINAGES	60.00	LINES	137,950.00	8,277,000.00
VI.	SUB-GRADE STABILIZATION & BASE COARSE	21,121.00	CU.M.	998.63	21,092,000.00
VII.	PORTLAND CEMENT CONCRETE PAVEMENT	13,201.00	CU.M.	5,497.66	72,574,600.00
VIII.	PARKS AND RECREATION	78,000.00	SQ.M.	3,965.92	309,342,000.00
Part-D	MISCELLANEOUS WORKS				
I	WATER TREATMENT FACILITY	3.00	LOT	7,818,666.67	23,456,000.00
II.	SOLAR STREET LIGHTS	1.00	LOT	6,990,000.00	6,990,000.00

Breakdown of Estimated Cost

(Refer to Detailed Estimates)

DIRECT COST

	AMOUNT	PERCENT
Labor	58,347,550.0	4.51%
Materials.....	895,163,990.00	69.23%
Rental Of Equip't.....	88,887,200.00	6.87%
Fuel/Oil & S'parts.....		

INDIRECT COST

OCM.....	104,239,874.00	8.06%
Profit.....	83,391,899.20	6.45%
Taxes.....	61,501,525.66	4.76%
Gen. Requirements.....	1,477,961.14	

TOTAL PROJECT COST..... P1,293,010,000.00 100%

Prepared By:

ALFREDO P. SUGANO JR.
Engineer-III

A. Total Direct Cost..... 1,049,388,740.0

B. Indirect Cost

B.1 OCM	104,239,874.00
B.2 Profit	83,391,899.20
B.3 Taxes	61,501,525.66

B. TOTAL INDIRECT COST 249,133,298.86

TOTAL COST 1,298,522,038.86

C. Gen. Requirements

C.1 Municipal Overhead 1,477,961.1

TOTAL PROJECT COST. . P1,300,000,000.00

Submitted By:

ADMER A. TRILLANA
Municipal Engineer

Approved:

WALTER B. MARQUEZ
Municipal Mayor

Province of Occidental Mindoro
MUNICIPALITY OF SABLAYAN
OFFICE OF THE MUNICIPAL ENGINEER
INFRASTRUCTURE

Name of Project: RESTORATION AND DEVELOPMENT OF SABANG RIVER Implementation Category: By: CONTRACT
Location: Barangay Buenavista, Sto. Nino, Ibud, Sablayan, Occ. Min Description: RESTORATION AND DEVELOPMENT
Appropriation: P1,300,000,000.00 OF 7 KM STRETCH OF SABANG RIVER & ALIPID DELTA
Source of Fund: OUTSOURCING
Date: _____
Calendar Days to Complete: 1,080.00 Cal. days

DESCRIPTION OF WORK TO BE DONE		Percent of Total	Equipment RQT Description	TOTAL	
Part-A	Temporary Facilities			-	
A.1.1(11)	Temporary Facilities with fixtures & Equipment	0.10%		1,000,000.00	
Part-B	Other General Requirements			-	
B.1	PROJECT BILL BOARD	0.00%		28,200.00	
B.2	Construction Safety and Health Program	0.13%		1,402,000.00	
B.3	MOBILIZATION & DEMOBILIZATION	0.06%		630,000.00	
B.4.(1)	Construction Survey and Staking	0.03%		303,000.00	
Part-C	CIVIL WORKS				
I.	EARTHWORKS				
I.1	CLEARING OF WATER WAY	0.55%		5,775,300.00	
I.2	EMBANKMENT	11.02%		121,123,200.00	
II.	CONCRETE PILES WORKS	25.75%		268,468,000.00	
III	GROUTED RIPRAP	3.31%		34,520,190.00	
IV.	BRIDGES			-	
IV.1	IMPROVEMENT OF SABANG SUSPENSION BRIDGE	5.59%		58,252,250.00	
IV.2	CONCRETE BRIDGE	11.14%		116,155,000.00	
V.	CROSS DRAINAGES	0.79%		8,277,000.00	
VI.	SUB-GRADE STABILIZATION & BASE COARSE	2.02%		21,092,000.00	
VII.	PORTLAND CEMENT CONCRETE PAVEMENT	6.96%		72,574,600.00	
VIII.	PARKS AND RECREATION	29.68%		309,342,000.00	
Part-D	MISCELLANEOUS WORKS				
I	WATER TREATMENT FACILITY	2.25%		23,456,000.00	
II.	SOLAR STREET LIGHTS	0.67%		6,990,000.00	
TOTAL		100.00%		1,042,398,740.0	
SUMMARY ESTIMATED COST DESCRIPTION		QTY	UNIT OF MEASURE	DIRECT COST UNIT COST	TOTAL
Part-A	Temporary Facilities				-
A.1.1(11)	Temporary Facilities with fixtures & Equipment	1.00	lps	1,000,000.00	1,000,000.00
Part-B	Other General Requirements				-
B.1	PROJECT BILL BOARD	1.00	lot	28,200.00	28,200.00
B.2	Construction Safety and Health Program	1.00	lot	1,402,000.00	1,402,000.00
B.3	MOBILIZATION & DEMOBILIZATION	1.00	lot	630,000.00	630,000.00
B.4.(1)	Construction Survey and Staking	1.00	lot	303,000.00	303,000.00
Part-C	CIVIL WORKS				-
I.	EARTHWORKS				-
I.1	CLEARING OF WATER WAY	100,000.00	CU.M.	57.75	5,775,300.00
I.2	EMBANKMENT	158,400.00	CU.M.	764.67	121,123,200.00
II.	CONCRETE PILES WORKS	8,200.00	LM	32,740.00	268,468,000.00
III	GROUTED RIPRAP	12,961.00	CU.M.	2,663.39	34,520,190.00
IV.	BRIDGES				-
IV.1	IMPROVEMENT OF SABANG SUSPENSION BRIDGE	100.00	M	582,523	58,252,250.00
IV.2	CONCRETE BRIDGE	2.00	UNIT	58,077,500	116,155,000.00
V.	CROSS DRAINAGES	60.00	LINES	137,950.00	8,277,000.00
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VII.	PORTLAND CEMENT CONCRETE PAVEMENT	13,201.00	CU.M.	5,497.66	72,574,600.00
VIII.	PARKS AND RECREATION	78,000.00	SQ.M.	3,965.92	309,342,000.00
Part-D	MISCELLANEOUS WORKS				
I	WATER TREATMENT FACILITY	3.00	LOT	7,818,666.67	23,456,000.00
II.	SOLAR STREET LIGHTS	1.00	LOT	6,990,000.00	6,990,000.00

Breakdown of Estimated Cost

(Refer to Detailed Estimates)

DIRECT COST

	AMOUNT	PERCENT
Labor	58,347,550.0	4.51%
Materials.....	895,163,990.00	69.23%
Rental Of Equip'l.....	88,887,200.00	6.87%
Fuel/Oil & S'parts.....		

INDIRECT COST

OCM.....	104,239,874.00	8.06%
Profit.....	83,391,899.20	6.45%
Taxes.....	61,501,525.66	4.76%
Gen. Requirements.....	1,477,961.14	

TOTAL PROJECT COST..... P1,293,010,000.00 100%

A. Total Direct Cost..... 1,049,388,740.0

B. Indirect Cost

B.1 OCM	104,239,874.00
B.2 Profit	83,391,899.20
B.3 Taxes	61,501,525.66

B. TOTAL INDIRECT COST 249,133,298.86

TOTAL COST

1,298,522,038.86

C. Gen. Requirements

C.1 Municipal Overhead	1,477,961.1
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TOTAL PROJECT COST. . P1,300,000,000.00

Prepared By:

ALFREDO P. SUGANO JR.
Engineer-III

Submitted By:

ADMER A. TRILLANA
Municipal Engineer

Approved:

WALTER B. MARQUEZ
Municipal Mayor

Province of Occidental Mindoro
MUNICIPALITY OF SABLAYAN
OFFICE OF THE MUNICIPAL ENGINEER
INFRASTRUCTURE

Name of Project: RESTORATION AND DEVELOPMENT OF SABANG RIVER Implementation Category: By CONTRACT
Location: Barangay Buenavista, Sto. Nino, Ibud, Sablayan, Occ. Min Description: RESTORATION AND DEVELOPMENT
Appropriation: P1,300,000,000.00 OF 7 KM STRETCH OF SABANG RIVER & ALIPID DELTA
Source of Fund: OUTSOURCING
Date: _____
Calendar Days to Complete: 1,080.00 Cal. days

DESCRIPTION OF WORK TO BE DONE		Percent of Total	Equipment RQT Description	TOTAL	
Part-A	Temporary Facilities			-	
A.1.1(11)	Temporary Facilities with fixtures & Equipment	0.10%		1,000,000.00	
Part-B	Other General Requirements			-	
B.1	PROJECT BILL BOARD	0.00%		28,200.00	
B.2	Construction Safety and Health Program	0.13%		1,402,000.00	
B.3	MOBILIZATION & DEMOBILIZATION	0.06%		630,000.00	
B.4.(1)	Construction Survey and Staking	0.03%		303,000.00	
Part-C	CIVIL WORKS				
I.	EARTHWORKS				
I.1	CLEARING OF WATER WAY	0.55%		5,775,300.00	
I.2	EMBANKMENT	11.62%		121,123,200.00	
II.	CONCRETE PILES WORKS	25.75%		268,468,000.00	
III	GROUTED RIPRAP	3.31%		34,520,190.00	
IV.	BRIDGES			-	
IV.1	IMPROVEMENT OF SABANG SUSPENSION BRIDGE	5.59%		58,252,250.00	
IV.2	CONCRETE BRIDGE	11.14%		116,155,000.00	
V.	CROSS DRAINAGES	0.79%		8,277,000.00	
VI.	SUB-GRADE STABILIZATION & BASE COARSE	2.02%		21,092,000.00	
VII.	PORTLAND CEMENT CONCRETE PAVEMENT	6.96%		72,574,600.00	
VIII.	PARKS AND RECREATION	29.68%		309,342,000.00	
Part-D	MISCELLANEOUS WORKS				
I	WATER TREATMENT FACILITY	2.25%		23,456,000.00	
II.	SOLAR STREET LIGHTS	0.67%		6,990,000.00	
TOTAL		100.00%		1,042,398,740.0	
SUMMARY ESTIMATED COST DESCRIPTION		QTY	UNIT OF MEASURE	DIRECT COST UNIT COST	TOTAL
Part-A	Temporary Facilities				-
A.1.1(11)	Temporary Facilities with fixtures & Equipment	1.00	lps	1,000,000.00	1,000,000.00
Part-B	Other General Requirements				-
B.1	PROJECT BILL BOARD	1.00	lot	28,200.00	28,200.00
B.2	Construction Safety and Health Program	1.00	lot	1,402,000.00	1,402,000.00
B.3	MOBILIZATION & DEMOBILIZATION	1.00	lot	630,000.00	630,000.00
B.4.(1)	Construction Survey and Staking	1.00	lot	303,000.00	303,000.00
Part-C	CIVIL WORKS				-
I.	EARTHWORKS				-
I.1	CLEARING OF WATER WAY	100,000.00	CU.M.	57.75	5,775,300.00
I.2	EMBANKMENT	158,400.00	CU.M.	764.67	121,123,200.00
II.	CONCRETE PILES WORKS	8,200.00	LM	32,740.00	268,468,000.00
III	GROUTED RIPRAP	12,961.00	CU.M.	2,663.39	34,520,190.00
IV.	BRIDGES				-
IV.1	IMPROVEMENT OF SABANG SUSPENSION BRIDGE	100.00	M	582,523	58,252,250.00
IV.2	CONCRETE BRIDGE	2.00	UNIT	58,077,500	116,155,000.00
V.	CROSS DRAINAGES	60.00	LINES	137,950.00	8,277,000.00
VI.	SUB-GRADE STABILIZATION & BASE COARSE	21,121.00	CU.M.	998.63	21,092,000.00
VII.	PORTLAND CEMENT CONCRETE PAVEMENT	13,201.00	CU.M.	5,497.66	72,574,600.00
VIII.	PARKS AND RECREATION	78,000.00	SQ.M.	3,965.92	309,342,000.00
Part-D	MISCELLANEOUS WORKS				
I	WATER TREATMENT FACILITY	3.00	LOT	7,818,666.67	23,456,000.00
II.	SOLAR STREET LIGHTS	1.00	LOT	6,990,000.00	6,990,000.00

Breakdown of Estimated Cost (Refer to Detailed Estimates)		
	AMOUNT	PERCENT
DIRECT COST		
Labor	58,347,550.0	4.51%
Materials.....	895,163,990.00	69.23%
Rental Of Equip't.....	88,887,200.00	6.87%
Fuel/Oil & S'parts.....		
INDIRECT COST		
OCM.....	104,239,874.00	8.06%
Profit.....	83,391,899.20	6.45%
Taxes.....	61,501,525.66	4.76%
Gen. Requirements.....	1,477,961.14	

TOTAL PROJECT COST..... P1,293,010,000.00 100%

Prepared By:

ALFREDO P. SUGANO JR.
Engineer-III

A. Total Direct Cost..... 1,049,388,740.0

B. Indirect Cost
B.1 OCM 104,239,874.00
B.2 Profit 83,391,899.20
B.3 Taxes 61,501,525.66

B. TOTAL INDIRECT COST 249,133,298.86

TOTAL COST 1,298,522,038.86

C. Gen. Requirements

C.1 Municipal Overhead 1,477,961.1

TOTAL PROJECT COST. . P1,300,000,000.00

Submitted By:

ADMER A. TRILLANA
Municipal Engineer

Approved:

WALTER B. MARQUEZ
Municipal Mayor

ITEM NO.	DESCRIPTION	MATERIALS	LABOR	RENTAL OF EQUIPMENT	FUEL & OIL	AMOUNT
Part-A	Temporary Facilities					
A.1.1(11)	Temporary Facilities with fixtures & Equipment	1,000,000.00				1,000,000.00
Part-B	Other General Requirements					
B.1	PROJECT BILL BOARD	24,000.00	4,200.00			28,200.00
B.2	Construction Safety and Health Program	610,000.00	792,000.00			1,402,000.00
B.3	MOBILIZATION & DEMOBILIZATION			630,000.00		630,000.00
B.4.(1)	Construction Survey and Staking		153,000.00	150,000.00		303,000.00
Part-C	CIVIL WORKS					
I.	EARTHWORKS					
I.1	CLEARING OF WATER WAY		600,300.00	5,175,000.00		5,775,300.00
I.2	EMBANKMENT	113,256,000.00	6,336,000.00	1,531,200.00		121,123,200.00
II.	CONCRETE PILES WORKS	246,000,000.00	7,708,000.00	14,760,000.00		268,468,000.00
III.	GROUTED RIPRAP	29,255,190.00	4,290,000.00	975,000.00		34,520,190.00
IV.	BRIDGES					
IV.1	IMPROVEMENT OF SABANG SUSPENSION BRIDGE	44,000,000.00	4,252,250.00	10,000,000.00		58,252,250.00
IV.2	CONCRETE BRIDGE	88,000,000.00	20,000,000.00	8,155,000.00		116,155,000.00
V.	CROSS DRAINAGES	3,660,000.00	2,097,000.00	2,520,000.00		8,277,000.00
VI.	SUB-GRADE STABILIZATION & BASE COARSE	17,424,000.00	203,000.00	3,465,000.00		21,092,000.00
VII.	PORTLAND CEMENT CONCRETE PAVEMENT	55,034,800.00	6,223,800.00	11,316,000.00		72,574,600.00
VIII.	PARKS AND RECREATION	276,900,000.00	4,752,000.00	27,690,000.00		309,342,000.00
Part-D	MISCELLANEOUS WORKS					
I	WATER TREATMENT FACILITY	20,000,000.00	936,000.00	2,520,000.00		23,456,000.00
II.	SOLAR STREET LIGHTS	6,000,000.00	390,000.00	600,000.00		6,990,000.00
A. TOTAL DIRECT COST		895,163,990.00	58,347,550.00	88,887,200.00		1,049,388,740.00

B. INDIRECT COST			
B.1	OCM	10.0%	89,516,399.00
B.2	Profit	8.0%	71,613,119.20
B.3	Taxes	5.0%	52,814,675.41
B. TOTAL INDIRECT COST			3,442,505.45
			5,244,344.80
			249,133,298.86

TOTAL CONSTRUCTION COST	1,298,522,038.86
C. GENERAL REQUIREMENTS	
C.1 Municipal Overhead	1,477,961.14

TOTAL PROJECT COST ===== P1,300,000,000.00

Prepared by:

Submitted By:

Approved:

ALFREDO P. SUGANO JR.

Engineer-III

ADMIR A. TRILLANA

Municipal Engineer

WALTER B. MARQUEZ

Municipal Mayor

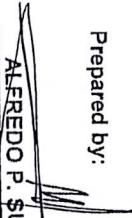
ITEM NO.	DESCRIPTION	MATERIALS	LABOR	RENTAL OF EQUIPMENT	FUEL & OIL	AMOUNT
Part-A	Temporary Facilities					
A.1.(11)	Temporary Facilities with fixtures & Equipment	1,000,000.00				1,000,000.00
Part-B	Other General Requirements					
B.1	PROJECT BILL BOARD	24,000.00	4,200.00			28,200.00
B.2	Construction Safety and Health Program	610,000.00	792,000.00			1,402,000.00
B.3	MOBILIZATION & DEMOBILIZATION			630,000.00		630,000.00
B.4.(1)	Construction Survey and Staking		153,000.00	150,000.00		303,000.00
Part-C	CIVIL WORKS					
I	EARTHWORKS					
I.1	CLEARING OF WATER WAY		600,300.00	5,175,000.00		5,775,300.00
I.2	EMBANKMENT	113,256,000.00	6,336,000.00	1,531,200.00		121,123,200.00
II	CONCRETE PILES WORKS	246,000,000.00	7,708,000.00	14,760,000.00		268,468,000.00
III	GROUTED RIPRAP	29,255,190.00	4,290,000.00	975,000.00		34,520,190.00
IV	BRIDGES					
IV.1	IMPROVEMENT OF SABANG SUSPENSION BRIDGE	44,000,000.00	4,252,250.00	10,000,000.00		58,252,250.00
IV.2	CONCRETE BRIDGE	88,000,000.00	20,000,000.00	8,155,000.00		116,155,000.00
V	CROSS DRAINAGES	3,660,000.00	2,097,000.00	2,520,000.00		8,277,000.00
VI	SUB-GRADE STABILIZATION & BASE COARSE	17,424,000.00	203,000.00	3,465,000.00		21,092,000.00
VII	PORTLAND CEMENT CONCRETE PAVEMENT	55,034,800.00	6,223,800.00	11,316,000.00		72,574,600.00
VIII	PARKS AND RECREATION	276,900,000.00	4,752,000.00	27,690,000.00		309,342,000.00
Part-D	MISCELLANEOUS WORKS					
I	WATER TREATMENT FACILITY	20,000,000.00	936,000.00	2,520,000.00		23,456,000.00
II	SOLAR STREET LIGHTS	6,000,000.00	390,000.00	600,000.00		6,990,000.00
A. TOTAL DIRECT COST		895,163,990.00	58,347,550.00	88,887,200.00		1,049,388,740.00

B. INDIRECT COST			
B.1	OCM	10.0%	104,239,874.00
B.2	Profit	8.0%	83,391,899.20
B.3	Taxes	5.0%	61,501,525.66
B. TOTAL INDIRECT COST			249,133,298.86
TOTAL CONSTRUCTION COST			1,298,522,038.86
C. GENERAL REQUIREMENTS			
C.1	Municipal Overhead		1,477,961.14
TOTAL PROJECT COST =====			P1,300,000,000.00

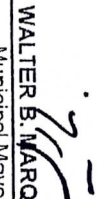
Prepared by:

Submitted By:

Approved:


ALFREDO P. SUGANO JR.
Engineer-III


ADMER A. TRILLANA
Municipal Engineer


WALTER B. MARQUEZ
Municipal Mayor

Appropriation: P1,300,000.00
Date: _____

ITEM NO.	DESCRIPTION	MATERIALS	LABOR	RENTAL OF EQUIPMENT	FUEL & OIL	AMOUNT
Part-A	Temporary Facilities					
A.1.1(11)	Temporary Facilities with fixtures & Equipment	1,000,000.00				1,000,000.00
Part-B	Other General Requirements					
B.1	PROJECT BILL BOARD	24,000.00	4,200.00			28,200.00
B.2	Construction Safety and Health Program	610,000.00	792,000.00			1,402,000.00
B.3	MOBILIZATION & DEMOBILIZATION			630,000.00		630,000.00
B.4.(1)	Construction Survey and Staking		153,000.00	150,000.00		303,000.00
Part-C	CIVIL WORKS					
I.	EARTHWORKS					
I.1	CLEARING OF WATER WAY		600,300.00	5,175,000.00		5,775,300.00
I.2	EMBANKMENT	113,256,000.00	6,336,000.00	1,531,200.00		121,123,200.00
II.	CONCRETE PILES WORKS	246,000,000.00	7,708,000.00	14,760,000.00		268,468,000.00
III	GROUTED RIPRAP	29,255,190.00	4,290,000.00	975,000.00		34,520,190.00
IV.	BRIDGES					
IV.1	IMPROVEMENT OF SABANG SUSPENSION BRIDGE	44,000,000.00	4,252,250.00	10,000,000.00		58,252,250.00
IV.2	CONCRETE BRIDGE	88,000,000.00	20,000,000.00	8,155,000.00		116,155,000.00
V.	CROSS DRAINAGES	3,660,000.00	2,097,000.00	2,520,000.00		8,277,000.00
VI.	SUB-GRADE STABILIZATION & BASE COARSE	17,424,000.00	203,000.00	3,465,000.00		21,092,000.00
VII.	PORTLAND CEMENT CONCRETE PAVEMENT	55,034,800.00	6,223,800.00	11,316,000.00		72,574,600.00
VIII.	PARKS AND RECREATION	276,900,000.00	4,752,000.00	27,690,000.00		309,342,000.00
Part-D	MISCELLANEOUS WORKS					
I	WATER TREATMENT FACILITY	20,000,000.00	936,000.00	2,520,000.00		23,456,000.00
II.	SOLAR STREET LIGHTS	6,000,000.00	390,000.00	600,000.00		6,990,000.00
A. TOTAL DIRECT COST		895,163,990.00	58,347,550.00	88,887,200.00		1,049,388,740.00

B.1 OCM 10.0%

B.2	Profit	8.0%
B.3	Taxes	5.0%

B. TOTAL INDIRECT COST

TOTAL CONSTRUCTION COST

1.298,522,038.86

C. GENERAL REQUIREMENTS

C.1 Municipal Overhead

1,477,961.14

TOTAL PROJECT COST ===== P1,300,000,000.00

Prepared by:

Submitted By:

Approved:

ALFREDO P. SUGANO JR.
Engineer-III

~~ADMER A. TRILLANA~~
Municipal Engineer

WALTER B. MARQUEZ
Municipal Mayor

Appropriation: P1,300,000.00

Date: _____

B. INDIRECT COST			
B.1	OCM	10.0%	
		<u>89,516,399.00</u>	<u>5,834,755.00</u>
			<u>8,888,720.00</u>
B.2	Profit	8.0%	
		<u>71,613,119.20</u>	<u>4,667,804.00</u>
			<u>7,110,976.00</u>
B.3	Taxes	5.0%	
		<u>52,814,675.41</u>	<u>3,442,505.45</u>
			<u>5,244,344.80</u>
B. TOTAL INDIRECT COST			
			<u>104,239,874.00</u>
			<u>83,391,899.20</u>
			<u>61,501,525.66</u>
B. TOTAL INDIRECT COST			
			<u>249,133,298.86</u>

TOTAL PROJECT COST ===== P1,300,000,000.00

Approved:

WALTER B. MÁRQUEZ
Municipal Mayor

<u>1,080.00</u>	<u>Calendar Days</u>
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WALTER B. MARQUEZ
Municipal Mayor