



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

DENR MIMAROPA
RECORDS SECTION
RECEIVED

MAY 22 2023

☐ INCOMING ☐ OUTGOING
BY: _____ DATE NO. _____
TIME: _____

MEMORANDUM

FOR : The Regional Executive Director
DENR MIMAROPA Region

FROM : The OIC-Director
Policy and Planning Service

SUBJECT : RESTORATION AND DEVELOPMENT OF SABANG RIVER
PROJECT IN SABLAYAN, OCCIDENTAL MINDORO


DATE : 12 MAY 2023

This refers to the letter of Mayor Walter Marquez of Sablayan, Occidental Mindoro dated 17 April 2023 requesting to incorporate in the forthcoming budget preparation of the Department the Restoration and Development of Sabang River project with a total budget of **ONE BILLION THREE HUNDRED MILLION PESOS (PhP1,300,000,000)**.

The project is composed of packaged interventions multilayered PAPs designed not only to protect the environment but also an economic driver while safeguarding and promoting natural resources. Sabang River covers the barangays of Poblacion, Buenavista, Sto. Nino, Ibud, and Claudio Salgado. 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.

In view of the above, we are respectfully forwarding the request for evaluation. Kindly coordinate with the Office of the Mayor and discuss the details of the request for possible inclusion in the next budget cycle. We suggest to consider only those activities that are within the mandate and priorities of the Department.

For appropriate action, *Miam*.


CHERYL LOISE T. LEAL

Cc: Office of the Undersecretary and Chief of Staff

541x



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
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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 OF 7 KM STRETCH OF SABANG RIVER & ALIPID DELTA**
Appropriation: **P1,300,000,000.00**
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%

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

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	
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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	
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
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Breakdown of Estimated Cost		
(Refer to Detailed Estimates)	AMOUNT	PERCENT
DIRECT COST		
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Materials	895,163,990.00	69.23%
Rental Of Equip't	88,887,200.00	6.87%
Fuel/Oil & S'parts		
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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

Approved:

WALTER B. MARQUEZ
Municipal Mayor

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

Province of Occidental Mindoro
MUNICIPALITY OF SABLAYAN
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Breakdown of Estimated Cost (Refer to Detailed Estimates)			A. Total Direct Cost.....		1,049,388,740.0
DIRECT COST			B. Indirect Cost		
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INDIRECT COST			TOTAL COST		1,298,522,038.86
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TOTAL PROJECT COST.....					

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

Submitted By: ADMER A. TRILLANA
Municipal Engineer

Approved: WALTER B. MARQUEZ
Municipal Mayor

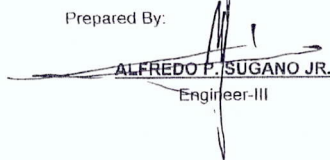
Province of Occidental Mindoro
MUNICIPALITY OF SABLAYAN
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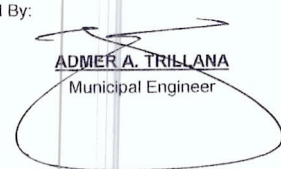
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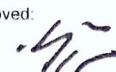
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IV.1	IMPROVEMENT OF SABANG SUSPENSION BRIDGE	5.59%		58,252,250.00	
IV.2	CONCRETE BRIDGE	11.14%		116,155,000.00	
V.	CROSS DRAINAGES	0.79%		8,277,000.00	
VI.	SUB-GRADE STABILIZATION & BASE COARSE	2.02%		21,092,000.00	
VII.	PORTLAND CEMENT CONCRETE PAVEMENT	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%

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

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

Submitted By: 
ADMER A. TRILLANA
Municipal Engineer

Approved: 
WALTER B. MARQUEZ
Municipal Mayor

SUMMARY

Name of Project: **RESTORATION AND DEVELOPMENT OF SABANG RIVER**
Location: Barangay Buenavista, Sto. Nino, Ibud, Sablayan, Occ. Mindoro
Appropriation: P1,300,000.00.0
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

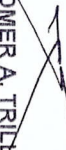
TOTAL PROJECT COST ===== P1,300,000,000.00

Prepared by:

Submitted By:

Approved:


ALFREDO F. SUGANO JR.
Engineer-III


ADMER A. TRILLANA
Municipal Engineer


WALTER B. MARQUEZ
Municipal Mayor

SUMMARY

Name of Project: **RESTORATION AND DEVELOPMENT OF SABANG RIVER**
Location: **Barangay Buenavista, Sto. Nino, Ibud, Sablayan, Occ. Mindoro**
Appropriation: **P1,300,000.00.0**
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%	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**

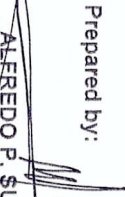
C. GENERAL REQUIREMENTS
C.1 Municipal Overhead **1,477,961.14**

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

Prepared by:

Submitted By:

Approved:


ALREDO P. SUGANO JR.
Engineer-III


ADMER A. TRILLANA
Municipal Engineer


WALTER B. MARQUEZ
Municipal Mayor

S U M M A R Y

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

Appropriation: **P1,300,000.00.0**
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	630,000.00		1,402,000.00
B.3	MOBILIZATION & DEMOBILIZATION			150,000.00		630,000.00
B.4.(1)	Construction Survey and Staking		153,000.00			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**

Prepared by: _____ Submitted By: _____ Approved: _____

ALFREDO P. SUGANO JR. ADMIR A. TRILLANA WALTER B. MARQUEZ
Engineer-III Municipal Engineer Municipal Mayor

S U M M A R Y

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

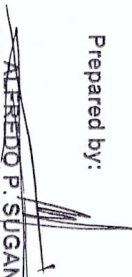
B. INDIRECT COST						
B.1	OCM	10.0%	89,516,399.00	5,834,755.00	8,888,720.00	104,239,874.00
B.2	Profit	8.0%	71,613,119.20	4,667,804.00	7,110,976.00	83,391,899.20
B.3	Taxes	5.0%	52,814,675.41	3,442,505.45	5,244,344.80	61,501,525.66
B. TOTAL INDIRECT COST					249,133,298.86

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

Prepared by: _____ Submitted By: _____ Approved: _____


ALFREDO P. SUGANO JR.
Engineer-III


ADMER A. TRULLANA
Municipal Engineer


WALTER B. MARQUEZ
Municipal Mayor

Approved: 

WALTER B. MARQUEZ
 Municipal Mayor

Name of proposed subproject:
Location:

RESTORATION AND DEVELOPMENT OF SABANG RIVER

Proposed Implementation Period
Subproject Duration

1,080.00	Calendar Days
----------	---------------

[illegible]

Prepared by:

ALFREDO P. SUGANO JR.

Ensigner-11

Checked by:

~~ADMER A. TRILLANA~~

Municipal Engineer

Approved:

WALTER B. MARQUEZ

Municipal Mayor

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

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

ALFREDO P. SUGANO JR.
Engineer-III

Checked by:

Approved:

~~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: Barangay Buenavista, Sto. Nino, Ibud, Sablayan, Occ. Mindoro
Proposed Implementation Period:
Subproject Duration 1,080.00 Calendar Days

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

Project Title / Location:

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

Prepared By:

ALYSSA JADERA VIGULLA
ARCHITECT

Checked By:

ROBERT CHRISTIAN T. URIETA
ARCHITECT II

Submitted By:

ADMER A. TRILLANA
MUNICIPAL ENGINEER

Approved By:

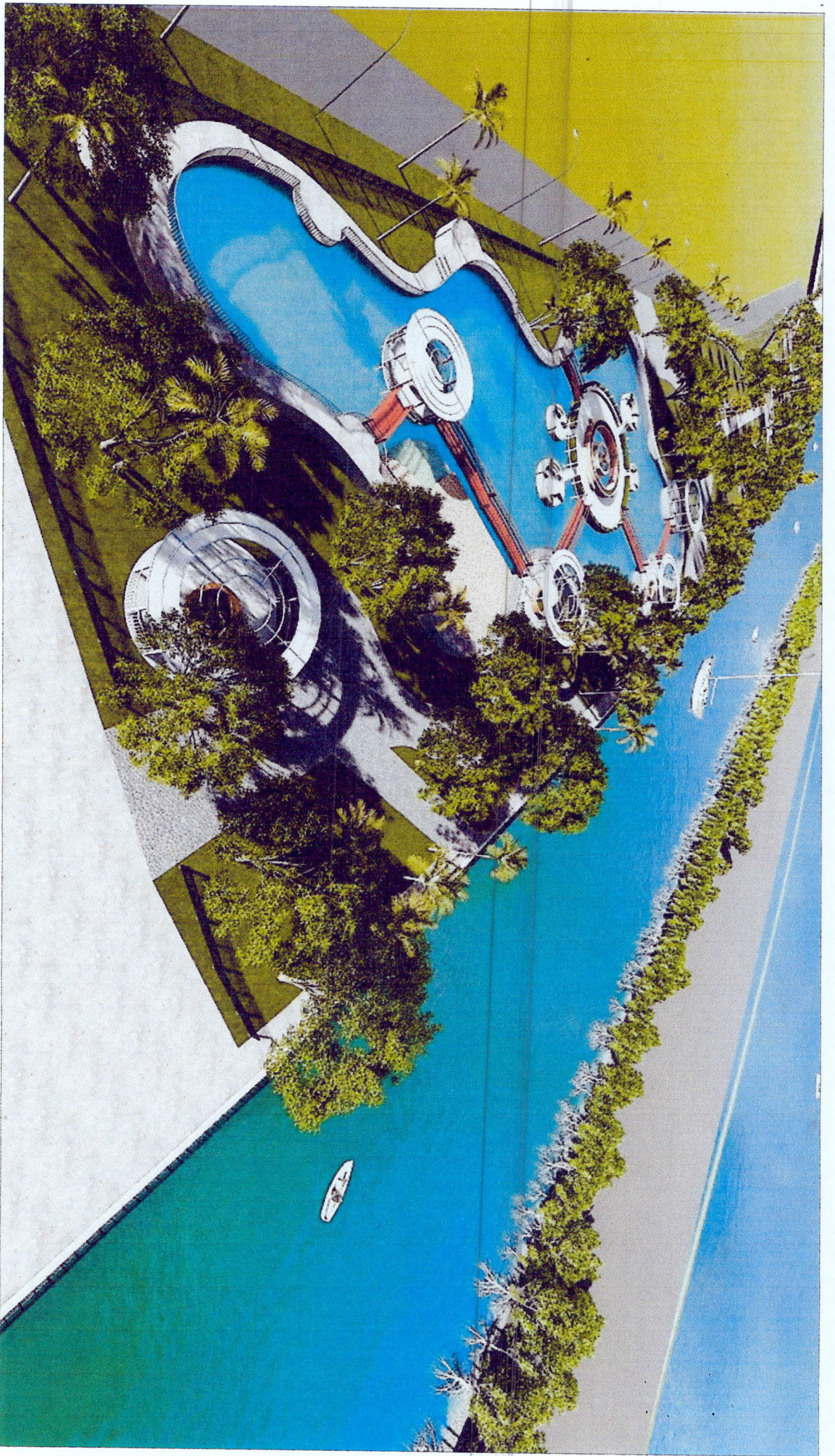
WALTER B. MARQUEZ
MUNICIPAL MAYOR





PERSPECTIVE

	Project Title / Location: RESTORATION AND DEVELOPMENT OF SABANG RIVER MUNICIPALITY OF SABANG RIVER PROVINCE OF OCCIDENTAL MINDORO	Prepared By: AL YSSA JADE R. VIGULLA  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:

Prepared By:

Checked By:

Submitted By:

Approved By:

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

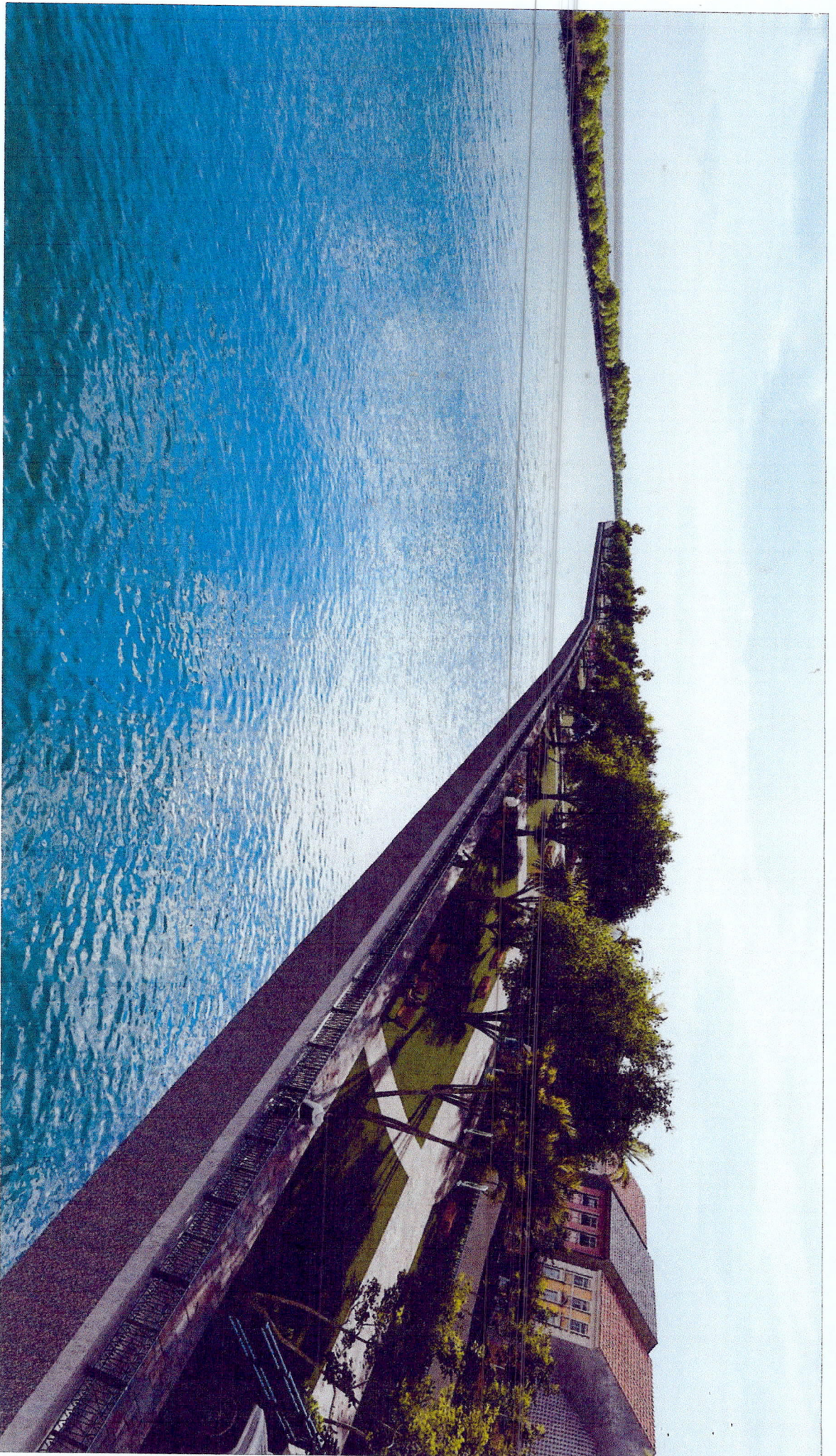
ALYSSA JADE R. AGULLA
(ARCHITECT)

ROBERT CHRISTIAN T. URIETA
ARCHITECT II

ADMIRA A. TRILLANA
MUNICIPAL ENGINEER

WALTER B. MARQUEZ
MUNICIPAL MAYOR





PERSPECTIVE

Project Title / Location:

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

Prepared By:

AL YSSA JADE R. MAGULLA
ARCHITECT

Checked By:

ROBERT CHRISTIAN T. URIETA
ARCHITECT II

Submitted By:

ADMIRA 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 JADE R. VIGULLA
ARCHITECT

Checked By:

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ARCHITECT II

Submitted By:

ADMIER A. TRILLANA
MUNICIPAL ENGINEER

Approved By:

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 OF 7 KM STRETCH OF SABANG RIVER & ALIPID DELTA**
Appropriation: **P1,300,000,000.00**
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	
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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
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
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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	58,347,550.0	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

Approved:

WALTER B. MARQUEZ
Municipal Mayor

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

Submitted By:

ADMER A. TRILLANA
Municipal Engineer

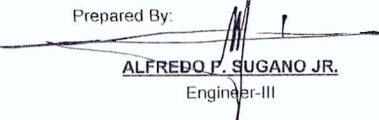
Province of Occidental Mindoro
MUNICIPALITY OF SABLAYAN
OFFICE OF THE MUNICIPAL ENGINEER
INFRASTRUCTURE

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

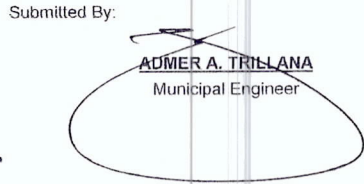
DESCRIPTION OF WORK TO BE DONE		Percent of Total	Equipment RQT Description	TOTAL	
Part-A	Temporary Facilities			-	
A.1.1(11)	Temporary Facilities with fixtures & Equipment	0.10%		1,000,000.00	
Part-B	Other General Requirements			-	
B.1	PROJECT BILL BOARD	0.00%		28,200.00	
B.2	Construction Safety and Health Program	0.13%		1,402,000.00	
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B.4.(1)	Construction Survey and Staking	0.03%		303,000.00	
Part-C	CIVIL WORKS				
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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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VI.	SUB-GRADE STABILIZATION & BASE COARSE	2.02%		21,092,000.00	
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TOTAL		100.00%		1,042,398,740.0	
SUMMARY ESTIMATED COST DESCRIPTION		QTY	UNIT OF MEASURE	DIRECT COST UNIT COST	TOTAL
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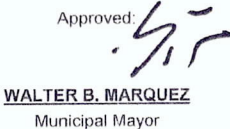
Breakdown of Estimated Cost (Refer to Detailed Estimates)		
	AMOUNT	PERCENT
DIRECT COST		
Labor	58,347,550.0	4.51%
Materials.....	895,163,990.00	69.23%
Rental Of Equip't.....	88,887,200.00	6.87%
Fuel/Oil & S'parts.....		
INDIRECT COST		
OCM.....	104,239,874.00	8.06%
Profit.....	83,391,899.20	6.45%
Taxes.....	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	
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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
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INFRASTRUCTURE

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Date: _____
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Prepared By:

ALFREDO P. SUGANO JR.
Engineer-III

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B. Indirect Cost
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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

SUMMARY

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%	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		<u>1,298,522,038.86</u>
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

SUMMARY

Name of Project: **RESTORATION AND DEVELOPMENT OF SABANG RIVER**
Location: Barangay Buenavista, Sto. Nino, Ibud, Sablayan, Occ. Mindoro
Appropriation: P1,300,000.00.0
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					
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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					
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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
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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					
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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

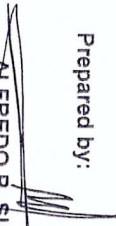
B. INDIRECT COST						
B.1	OCM	10.0%	89,516,399.00	5,834,755.00	8,888,720.00	104,239,874.00
B.2	Profit	8.0%	71,613,119.20	4,667,804.00	7,110,976.00	83,391,899.20
B.3	Taxes	5.0%	52,814,675.41	3,442,505.45	5,244,344.80	61,501,525.66
B. TOTAL INDIRECT COST						249,133,298.86

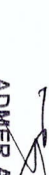
TOTAL CONSTRUCTION COST 1,298,522,038.86

C. GENERAL REQUIREMENTS
C.1 Municipal Overhead 1,477,961.14

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

Prepared by: _____ Submitted By: _____ Approved: _____


ALFEREDO P. SUGANO JR.
Engineer-III


ADMER A. TRILLANA
Municipal Engineer


WALTER B. MARQUEZ
Municipal Mayor

S U M M A R Y

Name of Project: **RESTORATION AND DEVELOPMENT OF SABANG RIVER**
Location: **Barangay Buenavista, Sto. Nino, Ibud, Sablayan, Occ. Mindoro**
Appropriation: **P1,300,000.00.0**
Date: _____

ITEM NO.	DESCRIPTION	MATERIALS	LABOR	RENTAL OF EQUIPMENT	FUEL & OIL	AMOUNT
Part-A	Temporary Facilities					
A.1.1(1)	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**

Prepared by: _____ Submitted By: _____ Approved: _____

ALFREDO P. SUGANO JR. ADMER A. TRILANA WALTER B. MARQUEZ
Engineer-III Municipal Engineer Municipal Mayor

S U M M A R Y

Name of Project: **RESTORATION AND DEVELOPMENT OF SABANG RIVER**
Location: **Barangay Buнависта, Sio. Nino, Ibud, Sablayan, Occ. Mindoro**
Appropriation: **P1,300,000.00.0**
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					
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A. TOTAL DIRECT COST		895,163,990.00	58,347,550.00	88,887,200.00		1,049,388,740.00

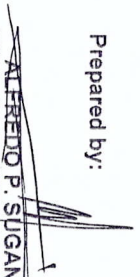
B. INDIRECT COST					
B.1	OCM	10.0%	89,516,399.00	5,834,755.00	8,888,720.00
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B. TOTAL INDIRECT COST					249,133,298.86

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. TRULLANA
Municipal Engineer

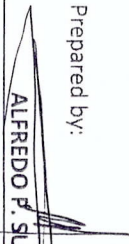

WALTER B. MARQUEZ
Municipal Mayor

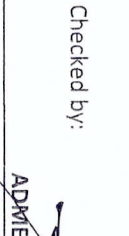
Municipal Mayor

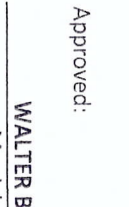
PROJECT SCHEDULE AND S-CURVE

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

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

ALFREDO P. SUGANO JR.
Engineer-III

Checked by:

ADMIER A. TRILLANA
Municipal Engineer

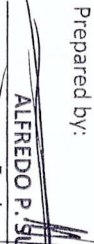
Approved:

WALTER B. MARQUEZ
Municipal Mayor

PROJECT SCHEDULE AND S-CURVE

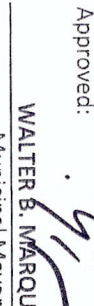
Name of proposed subproject: RESTORATION AND DEVELOPMENT OF SABANG RIVER
Location: Barangay Buenavista, Sto. Nino, Ibud, Sablayan, Occ. Mindoro

Proposed Implementation Period: Subproject Duration 1,080.00 Calendar Days

Item No.	Scope of Work	Quantity	Unit	Unit Cost	Amount	% Weight	Planned/Actual	No. of Months	YEAR-1												YEAR-2												YEAR-3																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
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Prepared by: 
ALFREDO P. SUGANO JR.
Engineer-III

Checked by: 
ADMER A. TRILLANA
Municipal Engineer

Approved: 
WALTER B. MARQUEZ
Municipal Mayor

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

1,080.00	Calendar Days
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[illegible]

Approved:

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. VIGUILLA
ARCHITECT

Checked By:

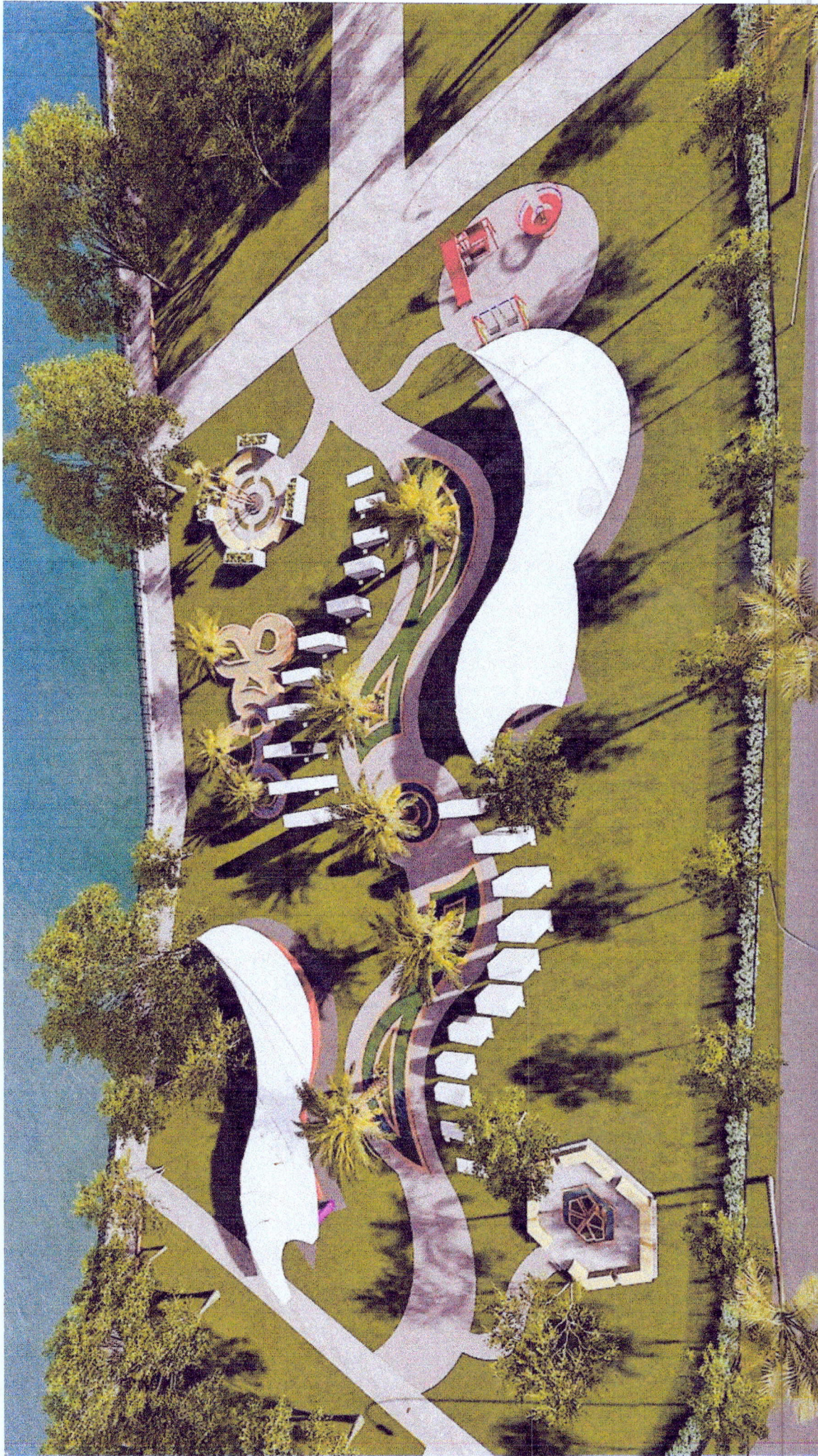
ROBERT CHRISTIAN T. URIETA
ARCHITECT II

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:

ALYSSA JADE R. WIGUILLA
ARCHITECT

Checked By:

ROBERT CHRISTIAN T. URIETA
ARCHITECT II

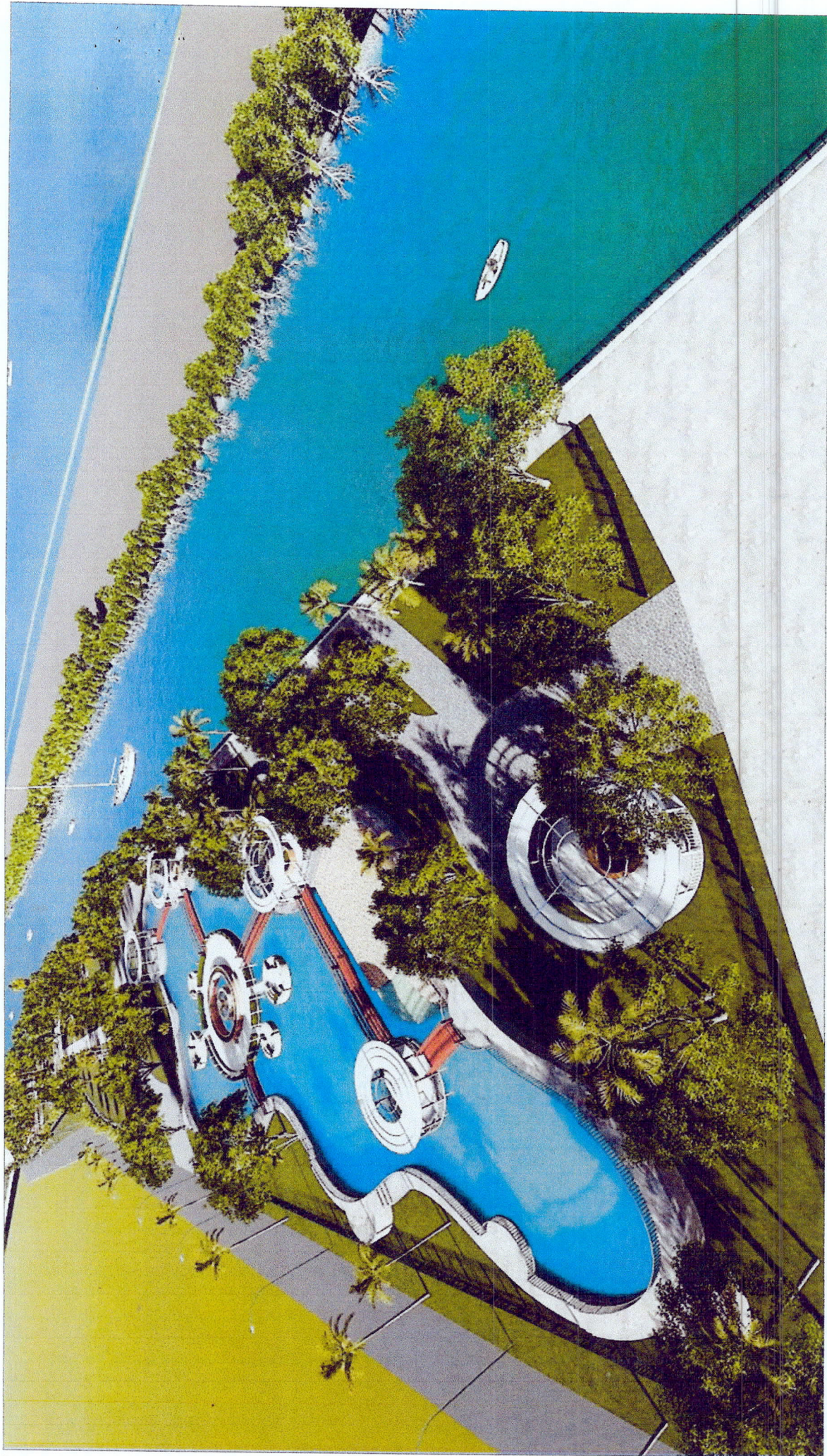
Submitted By:

ADMER A. TRILLANA
MUNICIPAL ENGINEER

Approved By:

WALTER B. MARQUEZ
MUNICIPAL MAYOR





PERSPECTIVE

Project Title / Location:

RESTORATION AND DEVELOPMENT
OF SABANG RIVER
MUNICIPALITY OF SARI AYAN

Prepared By:

ALYSSA JADE R. AGUILLA
ARCHITECT

Checked By:

ROBERT CHRISTIAN T. URIETA
ARCHITECT II

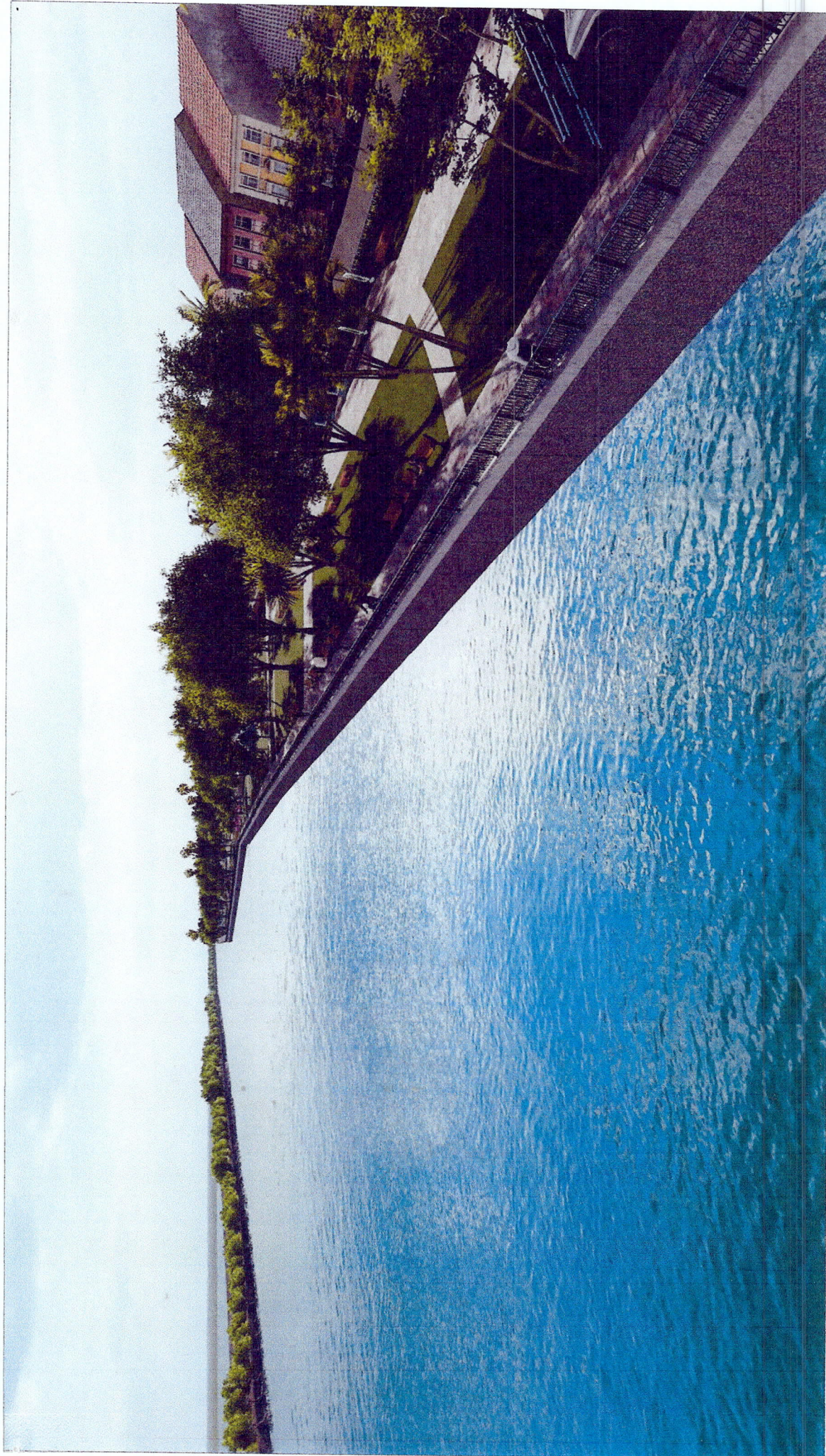
Submitted By:

ADMER A. TRILLANA
MUNICIPAL ENGINEER

Approved By:

WALTER B. MARQUEZ
MUNICIPAL ENGINEER





PERSPECTIVE



Project Title / Location:

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

Prepared By:

ALYSSA JADE R. MIGUILLA
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:

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ARCHITECT

Checked By:

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