

Project Modification of Allotment under the GAA Request Evaluation Form

P/A/P 1 (001, 002, CSSP, LP):		Appropriation		FY 2024 GAA	
ORGANIZATIONAL OUTCOME 1 : Ensure Safe and Reliable National Road System		UACS:		310202101536000	
P/A/P 2 (Program):		Project ID:		P00800177LZ	
Network Development Program		Region:		Region V	
P/A/P 3 (Sub-Program):		Implementing Office:		Camarines Sur 4th District Engineering Office	
Road Widening - Secondary Roads		Appropriation (Php):		100,000,000	

Name of Project per GAA:

Pili-Tigaon-Albay Bdry Rd - K0473 + (-831) - K0473 + 714, K0475 + 144 - K0476 + 058

Implementing Office Justification for Modification:

Change in station limits due to the deleted section because of budget constraints, allocated to ROW and other structures needed. Additional decrease in physical target due to the provision of drainage, solar street lights, bench, pavement markings.

A.1 ☒ Certificate of Reasonableness of Cost Estimate

B. PER PLANNING SERVICE EVALUATION

B.1 ☒ PROJECT MODIFICATION ON PROJECT DESCRIPTION

B.1.1 ☐ Typographical Error/s

B.1.2 ☐ Change in Location (for non-existent locations only)

B.1.3 ☒ Change in Station Limits

B.1.4 ☐ Addition/ Deletion of Word/s

B.2 ☒ PROJECT MODIFICATION/ADJUSTMENTS ON PROJECT COMPONENTS

B.2.1 ☒ Change in Targets

B.2.2 ☐ Change in Scope of Work

B.2.3 ☒ Change in Component Amount

B.2.3.1 ☒ Addition of Component (including excess amount)

B.2.3.2 ☐ Deletion of Component

B.2.3.3 ☒ Movement of Funds between Components

C. RESULTANT AFTER MODIFICATION

C.1 ☒ Additional Project Component/s

C.2 Component/s:

SCOPE OF WORK		TARGET		INCREASE/ DECREASE (%)	
COMP	FROM	TO	FROM	TO	Unit Cost
CW1	Road Widening	Road Widening	4.92 Lane KM	3.0996 Lane KM	34.06%
CW2					
CW3					
ROW	ROW Acquisition			2946.2	Square meters

D. AS EVALUATED

D.1 ☒ ALLOWED as per the GAA Provisions

D.2 ☐ NOT ALLOWED as per the GAA Provisions

D.3 Remarks (to be filled-up by Planning Service):

Certificate of Availability of Funds (CAF) attached.

Evaluated By:

ALBY G. SOLTE

Noted By:

CONSTANTE A. LLANES, JR., CESO III
Assistant Secretary, Planning Service

E. Approving Authority as per latest Approved Guidelines on Modification of Allotment under the GAA

E.1 ☒ SecretaryE.2 ☐ Undersecretary for Operations

Remarks:

MARTA CATALINA E. CABRAL, Ph.D., CESO I
Undersecretary for Planning and PPP Services



Republic of the Philippines
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
OFFICE OF THE SECRETARY
MANILA



MAY 31 2024

MEMORANDUM

FOR :
MANUEL M. BONOAN
Secretary
This Department

This refers to the Memorandum dated March 12, 2024, of Regional Director VIRGILIO C. EDUARTE, DPWH Regional Office V, endorsing the request of District Engineer GEMMA B. TIMBANG, Camarines Sur 4th District Engineering Office for the approval of **Modification** of the project under FY 2024 General Appropriations Act (GAA), to wit:

As per GAA/Original **As Modified**

Project Description					
UACS No. 310202101536000 Project ID: P00800177LZ OO1: Ensure Safe and Reliable National Road System Network Development - Road Widening - Secondary Roads Pili-Tigaon-Albay Bdry Rd - K0473 + (-831) - K0473 + 714, K0475 + 144 - K0476 + 058					
UACS No. 310202101536000 Project ID: P00800177LZ OO1: Ensure Safe and Reliable National Road System Network Development - Road Widening - Secondary Roads Pili-Tigaon-Albay Bdry Rd - K0473 + (-831) - K0473 + 718.80					
Physical Target	Unit Cost (P'000)	Physical Target	Unit Cost (P'000)	Estimated Cost (P'000)	
CW1 - Road Widening - 4.92 Lane Km	19,613,821	CW1 - Road Widening - 3.0996 Lane Km	26,293,715	81,500.00	
	/ Lane Km		26,293,715		
			0.509		
			/ Square meter		
			29,446.20		
			Square meters		
EA0	-	EA0	-	3,500.00	
Total		Total		100,000.00	100,000.00

Justification:

- Decrease in physical target due to additional component ROW amounting to 15,000,000 for ROW acquisition of affected properties.
 - Additional cause of decrease in physical target due to provision of drainage (open lined canal and extension of RCPC), solar street light, bench, pavement markings that are also need in the area.
 - Deleted Section 2 due to budget constraints, allocated to ROW acquisition and other structure needed in section 1.
- Attached are the following documents:

- Certification as to Availability of Allotment, Certificate of Reasonableness of Cost Estimate, Program of Works, Detailed Unit Price Analysis, BP 202, GIS Map, Annex A, Geotagged Photos and Detailed Engineering Design

Based on our evaluation, the submitted request for modification of the said projects is in order. Hence, the said request is hereby recommended for the Secretary's consideration and approval.

NERIE D. BUENO, CESO III
Assistant Secretary for Regional Operations
in NCR, Regions III, IV-A, IV-B, V, VI, VII and VIII

Recommending Approval:


MARIA CATALINA E. CABRAL, Ph.D., CESO I
Undersecretary for Planning and
Public-Private Partnership Services

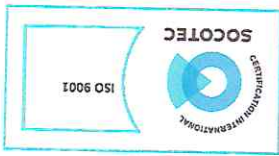
ROBERTO R. BERNARDO, CESO I
Undersecretary for Regional Operations
in NCR, Regions III, IV-A, IV-B, V, VI, VII and VIII

APPROVED / ~~DISAPPROVED~~:


MANUEL M. BONOAN
Secretary

3.3 GJAN/NDB
Project ID: P00800177LZ

Department of Public Works and Highways
Office of the Secretary
WIN4XY00239



Republic of the Philippines
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
OFFICE OF THE SECRETARY
MANILA



MAY 31 2024
MEMORANDUM

FOR : MANUEL M. BONOAN
Secretary
This Department

This refers to the Memorandum dated March 12, 2024, of Regional Director VIRGILIO C. EDUARTE, DPWH Regional Office V, endorsing the request of District Engineer GEMMA B. TIMBANG, Camarines Sur 4th District Engineering Office for the approval of **Modification** of the project under FY 2024 General Appropriations Act (GAA), to wit:

As per GAA/Original *As Modified*

Project Description					
UACS No. 310202101536000 Project ID: P00800177LZ OO1: Ensure Safe and Reliable National Road System Network Development - Road Widening - Secondary Roads Pili-Tigaon-Albay Bdry Rd - K0473 + (-831) - K0473 + 714, K0475 + 144 - K0476 + 058					
Physical Target	Unit Cost (P'000)	Allocation (P'000)	Physical Target	Unit Cost (P'000)	Estimated Cost (P'000)
CW1 - Road Widening - 4.92 Lane Km	19,613,821	96,500.00	CW1 - Road Widening - 3.0996 Lane Km	26,293.715	81,500.00
			CW2 - ROW Acquisition - 29,446.20 Square meters	0.509	15,000.00
EA0	-	3,500.00	EA0	-	3,500.00
Total		100,000.00	Total		100,000.00

Justification:

- Decrease in physical target due to additional component ROW amounting to 15,000,000 for ROW acquisition of affected properties.
- Additional cause of decrease in physical target due to provision of drainage (open lined canal and extension of RCPC), solar street light, bench, pavement markings that are also need in the area.
- Deleted Section 2 due to budget constraints, allocated to ROW acquisition and other structure needed in section 1.

Attached are the following documents:

- Certification as to Availability of Allotment, Certificate of Reasonableness of Cost Estimate, Program of Works, Detailed Unit Price Analysis, BP 202, GIS Map, Annex A, Geotagged Photos and Detailed Engineering Design

Based on our evaluation, the submitted request for modification of the said projects is in order. Hence, the said request is hereby recommended for the Secretary's consideration and approval.

NEREE D. BUENO, CESO III
Assistant Secretary for Regional Operations
in NCR, Regions III, IV-A, IV-B, V, VI, VII and VIII

Recommending Approval:

MARIA CATALINA E. CABRAL, Ph.D., CESO I
Undersecretary for Planning and
Public-Private Partnership Services

ROBERTO R. BERNARDO, CESO I
Undersecretary for Regional Operations
in NCR, Regions III, IV-A, IV-B, V, VI, VII and VIII

~~APPROVED / DISAPPROVED:~~

MANUEL M. BONAAN
Secretary
3.3 COUN/NDB
Project ID: P00800177LZ





Republic of the Philippines
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
REGIONAL OFFICE V
Old Airport Road, Brgy. 40 Cruzada, Legazpi City



March 12, 2024

MEMORANDUM

FOR : Secretary MANUEL M. BONOAN
Department of Public Works and Highways
Bonifacio Drive, Port Area, Manila

THRU : Undersecretary ROBERTO R. BERNARDO
Regional Operations in NCR, Regions III, IV-A, IV-B, V, VI, VII, and VIII

SUBJECT : Modification Request for Project under the FY 2024 GAA (RA 11975) for Camarines Sur 4th District Engineering Office Implementation

Forwarded is the Memorandum dated March 11, 2024 of District Engineer Gemma B. Timbang, Camarines Sur 4th District Engineering Office, submitting the proposed modification of the project under ORGANIZATIONAL OUTCOME 1: Ensure Safe and Reliable National Road System – Network Development Program – Road Widening – Secondary Roads, included in FY 2024 DPWH Infrastructure Program based on General Appropriation Act (GAA) RA 11975, for Camarines Sur 4th District Engineering Office, to wit:

As per GAA/Original					
UACS: 310202101536000					
Project ID: P00800177LZ					
ORGANIZATIONAL OUTCOME 1: Ensure Safe and Reliable National Road System					
Roads Network Development - Road Widening - Secondary Roads					
Pili-Tigaon-Albay Bdry Rd - K0473 + (-831) - K0476 + 058					
714, K0475 + 144 - K0476 + 058					
Physical Target	Unit Cost (P'000)	Allocation (P'000)	Physical Target	Unit Cost (P'000)	Allocation (P'000)
CW1 – Road Widening	19,613.821	96,500.00	CW1 – Road Widening	26,293.715	81,500,000
4.92 Lane km			3.0996 Lane km		
				0.509 / Square Meters	15,000,000
			Acquisition		
			29,446.20 Square meter		
EAO -			EAO		
	3,500.00			3,500.00	
Total:		100,000.00	Total:		100,000,000
Justification:			Justification:		
• Decrease in physical target due to additional component ROW amounting to 15,000,000 for ROW acquisition of affected properties.			• Delete the section 2 due to budget constraints, allocated to ROW acquisition and other structure needed in section 1.		
• Additional cause of decrease in physical target due to provision of concrete shoulder, sidewalk, drainage (open lined canal and extension of RCPC), solar street light, bench, pavement markings that are also needed in the area.					



For favorable consideration.

R05.1/RPML/KER/CRHC/HPMP

[illegible]

Attached are the accomplished Form for Project Modification Request, Approved Programs of Work (POW), Approved Detailed Engineering Design (Plans), Official DPWH Annual Infrastructure Program (Based on General Appropriations Act), Geotagged Photos of relevant road section, and other supporting documents in support to the request.

For favorable consideration.

VIRGILIO C. EDUARTE, CESO III
Regional Director

R05.1/RPML/KER/CRHC/HPMP

Attached are the Modification Form, Approved Program of Works (POW), Detailed Engineering Design (DED), Certificate of Availability of Funds (CAF), BP202, Geotagged Pictures, and GIS Map in support to the request.

Hoping for your kind consideration and favorable action.

GEMMA B. TIMBANG
District Engineer

Website: www.dpw.gov.ph
Tel. No(s): (054) 881 0107





Republic of the Philippines
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
CAMARINES SUR 4TH DISTRICT ENGINEERING OFFICE
Caraycayon, Tigaon, Camarines Sur



March 11, 2024

MEMORANDUM

FOR : MANUEL M. BONOAN
Secretary

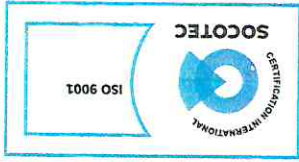
THRU : VIRGILIO C. EDUARTE, CESO III
Regional Director

ATTENTION : HARLEY PETER M. PARAS
OIC-Chief, Planning and Design Division

SUBJECT : Modification Request for Project Included under the FY 2024 GAA (RA 11975) within CAMARINES SUR (FOURTH DISTRICT) for Camarines Sur 4th District Engineering Office Implementation

Respectfully submitted herewith is the proposed modification of project included in FY 2024 DPWH Infrastructure Program based on General Appropriation Act (GAA) RA 11975, for Camarines Sur 4th DEO, to wit:

FROM (As per GAA)		TO (As Modified)	
UACS:	310202101536000	ORGANIZATIONAL OUTCOME 1: Ensure Safe and	ORGANIZATIONAL OUTCOME 1: Ensure Safe and
Project ID:	P008001771Z	Reliable National Road System	Reliable National Road System
Network Development - Road Widening- Secondary		Network Development - Road Widening - Secondary	
Roads		Roads	
Project:		Project:	
Road Widening along Pili-Tigaon-Albay Bdry Rd - K0473 + (-831) - K0473 + 714, K0475 + 144 - K0476 + 058		Road Widening along Pili-Tigaon-Albay Bdry Rd - K0473 + (-831) - K0473 + 718.80	
Physical Target	Allocation (P)	Physical Target	Allocation (P)
CW1 – Road Widening		CW1 – Road Widening	
4.92 Lane Km	96,500,000	3.0996 Lane Km	81,500,000
		ROW – ROW Acquisition	15,000,000
EAO		EAO	3,500,000
Total:	100,000,000	Total:	100,000,000
Justification:			
• Decrease in physical target due to additional component ROW amounting to 15,000,000 for ROW acquisition of affected properties.			
• Additional cause of decrease in physical target due to provision of concrete shoulder, sidewalk, drainage (open lined canal and extension of RCP), solar street light, bench, pavement markings that are also needed in section 1.			
• Deleted the section 2 due to budget constraints, allocated to ROW acquisition and other structure needed in section 1.			



Website: www.dpw.gov.ph Tel. No(s).: (054) 881 0107

- Inclusion:
1. Modification Form
 2. Program of Works
 3. Detailed Engineering Design
 4. CAF
 5. BP202
 6. Map
 7. Geotagged Photos

ROS.16.1 ABM/GBT

GEMMA B. TIMBANG
District Engineer

Hoping for your consideration and favorable action.

Respectfully submitted herewith the request for modification of physical target and additional ROW component of the Regular Infrastructure Projects under FY 2024 General Appropriation Act (GAA) - **Road Widening along Pili-Tigaon-Albay Bdry Rd - K0473 + (-831) - K0473 + 718.80** amounting to **100,000,000 Million.**

SUBJECT : Request for Modification of Physical Target and ROW component

THRU : VIRGILIO C. EDUARTE, CESO III
Regional Director, Region V

FOR : MANUEL M. BONOAN
Secretary

MEMORANDUM:

March 11, 2024

BAGONG PILIPINAS



REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
CAMARINES SUR 4TH DISTRICT ENGINEERING OFFICE
Caraycayon, Tigaon, Camarines Sur



Receiving Copy



Republic of the Philippines
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
CAMARINES SUR 4TH DISTRICT ENGINEERING OFFICE
Caraycayon, Tigaon, Camarines Sur



March 11, 2024

MEMORANDUM:

FOR : MANUEL M. BONOAN
Secretary

THRU : VIRGILIO C. EDUARTE, CESO III
Regional Director, Region V

SUBJECT : Request for Modification of Physical Target and ROW component

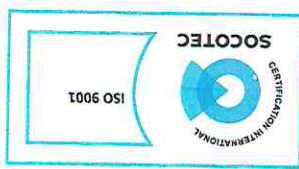
Respectfully submitted herewith the request for modification of physical target and additional ROW component of the Regular Infrastructure Projects under FY 2024 General Appropriation Act (GAA)- **Road Widening along Pili-Tigaon-Albay Bdry Rd - K0473 + (-831) - K0473 + 718.80** amounting to **100,000,000 Million.**

Hoping for your consideration and favorable action.

GEMMA B. TIMBANG
District Engineer

RO5.16.1 ABM/GBT

- Inclusion:
1. Modification Form
 2. Program of Works
 3. Detailed Engineering Design
 4. CAF
 5. BP202
 6. Map
 7. Geotagged Photos



Website: www.dpw.gov.ph
Tel. No(s): (054) 881 0107

Form for Project Modification Request

A. GENERAL

2. DEO

1. REGION

Camarinnes Sur 4th District Engineering Office

Camarinnes Sur 4th Legislative District

3. LEGISLATIVE DISTRICT

B. ORIGINAL PROJECT

C. PROPOSED REVISED PROJECT

4. UACS (Unified Account Code Structure as defined in GAA)
310202101536000

5. Project ID

P008001771Z

6. Project Category

001: Ensure Safe and Reliable National Road System

7. P/A/P

Network Development - Road Widening - Secondary Roads

8. Operating Unit

Camarinnes Sur 4th District Engineering Office

9. Type of Work (Enter Details for all Components below)

Component ID
P008001771Z
Type of Work
CW1 Road Widening

P008001771Z - EAO

10. PROJECT DESCRIPTION (as recorded in GAA)

Pili-Tigaon-Albay Bdry Rd - K0473 + (-831) - K0473 + 714, K0475 + 144 - K0476 + 058

11. ALLOTMENT (P'000) (as recorded in GAA)

100,000

12. PHYSICAL TARGET (Enter Details for all Components below)

Component ID
P008001771ZCW1
Target
4.920
Lane Km
Target Unit

P008001771Z - EAO

13. UNIT COST (Enter Details for all Components below)

Component ID
P008001771ZCW1
Component Cost
(P'000)
96,500.00
Target Unit Cost
(P'000/Target Unit)
19,613.821

P008001771Z - EAO

Modification Form Version 01-2023

24. UNIT COST (Enter Details for all Components below)

Component ID
P008001771Z - CW1
Component Cost
(P'000)
81,500.00
Target Unit Cost
(P'000/Target Unit)
26,293.715

P008001771Z - EAO

P008001771Z - ROW

Component Cost

(P'000)

81,500.00

3,500.00

Component ID

P008001771Z - CW1

P008001771Z - ROW

P008001771Z - EAO

Target

3.0996

29,446.20

3,500.00

(P'000)

81,500.00

3,500.00

23. PHYSICAL TARGET (Enter Details for all Components below)

Target Unit
Lane Km
Square meter

YES

22. CAF (To be obtained from Financial Management office)

21. REVISED ESTIMATED COST (P'000) (Equal to, or lower than GAA allotment)

100,000

Target

3.0996

29,446.20

3,500.00

(P'000)

81,500.00

3,500.00

3,500.00

Form for Modification Request

14. PROJECT WORK LOCATION (Must be defined in strict accordance with DO 65 Series 2014)
Tigson, Camarines Sur

25. PROJECT WORK LOCATION (Must be defined in strict accordance with DO 65 Series 2014. Also complete Annex A for National road projects under OOI and MVUC)
Tigson, Camarines Sur

15. ROAD CLASSIFICATION (if applicable)	13.581539000	End X	123.447470000	End Y	123.458212000
26. ROAD CLASSIFICATION (if applicable)	13.602954000	Start X	123.447470000	Start Y	13.590515000

16. IMPLEMENTING OFFICE (Record the Implementing Office of the original project)	Camrines Sur 4th District Engineering Office	27. IMPLEMENTING OFFICE (Record the Implementing Office of the proposed revised project)	Camrines Sur 4th District Engineering Office
17. PROJECT IMPLEMENTATION PLAN (PIP)	Planned Start Date April 3, 2024 Planned End Date October 17, 2024	28. PROJECT IMPLEMENTATION PLAN (PIP)	Planned Start Date April 3, 2024 Planned End Date October 17, 2024
29. OVERLAP?	☒ NO ☐ YES	30. UNDER WARRANTY?	☒ NO ☐ YES

D. ATTACHMENTS & JUSTIFICATIONS

31. PROJECT IMPACT ANALYSIS ATTACHED? (For Flood Control Projects)

☐ NO ☐ YES ☒ N/A

32. TECHNICAL JUSTIFICATION (Explain in detail in Bullet point format; minimum of 2 points)

- Decrease in physical target due to additional component ROW amounting to 15,000,000 for ROW acquisition of affected properties.
- Delete the section 2 due to budget constraints, allocated to ROW acquisition and other structure needed in section 1.
- Additional cause of decrease in physical target due to provision of drainage (open lined canal and extension of RCPC), solar street light, bench, pavement markings that are also need in the area.

33. GEOTAGGED PHOTOS SUBMITTED

☐ NO ☒ YES

34. A MAP GENERATED FROM THE DEPARTMENT'S GIS OF THE PROPOSED PROJECT WORK LOCATION SUBMITTED

☐ NO ☒ YES

Form for Project Modification Request

35. PREPARED BY:

Name:

KAREN D. PRIMAVERA

Office:

Camrines Sur 4th District Engineering Office

Position:

ENGINEER II

Date:

36. REVIEWED BY DISTRICT OFFICE (If Required)

Name:

ALICE B. MAGISTRADO

Position:

Chief, Planning and Design Section

Position:

HARLEY PETER M. PARAS

Date:

Chief, Planning and Design Division

36. RECOMMENDED BY DISTRICT OFFICE (If Required)

Date:

GEMMA B. TIMBANG
2020 01 01
District Engineer

Name:
Position

VIRGILIO C. EDUARTE, CESO III
Regional Director

39. RECOMMENDED BY REGIONAL OFFICE

Modification Form Version 01-2023

310202101536000

Form for Project Modification Request

UACS (Unified Account Code Structure as defined in GAA)

310202101536000

Project ID

P008001771Z

40. DPWH OFFICE OF THE UNDERSECRETARIES FOR OPERATIONS USE ONLY

Primary Reason for Request (based on Category of Modification): (choose one)

Category A	Category B	Category C	Category D	Impact
☐ Typographical error on Project Description ☐ Project Description error due to items removed due to typo error ☐ Project Description needs to be changed due to decrease in budget ☐ Change in station limits, No such City/Municipality	☐ Overlapping Sections of Work ☐ No such barangay	☐ Change in (IO) requiring change in the (OU) ☐ No change or decrease in unit cost ☐ 20% or less increase in unit cost ☐ > 20 % increase in unit cost	☐ Change in physical target ☐ Change in station limits, No such City/Municipality	☐ No change or decrease in unit cost ☐ 20% or less increase in unit cost ☐ > 20 % increase in unit cost

Reviewed by Office of the Undersecretary for Operations

Name:

BENIGNA C. LAFORTEZA

Signature:

ENGINEER IV

Date:

41. DPWH PLANNING SERVICE OFFICE USE ONLY

Category of Modification (choose one)

☐ Category A - Typographical Errors, Addition/Deletion of Words
☒ Category B - Change in Station Limits; Change in target **ADDITION OF NEW COMPONENT**
☐ Category C - Change in Location, due to non-existing location
☐ Category D - Change in Operating Unit (requires DBM approval)
☐ Modification does not comply with as per GAA Provisions

Reviewed by Planning Service

Name:

DENZYL JADE C. ARCAVA-GALENZOGA

Name:

PETER PAUL R. CORTEZ

Signature:

Position

Chief, Programming Division

Date:

Modification Form Version 01-2023

310202101536000

TOTAL



March 19, 2024

CERTIFICATE OF REASONABLENESS OF COST ESTIMATE

Project: Road Widening along Pili-Tigaon-Albay Bdry Rd - K0473 + (-831) - K0473 + 718.80

As per GAA		As per POW	
Scope of Work	Phys. Target	Scope of Work	Phys. Target
CW1 - Road Widening	4.920 Lane Km	CW1 - Road Widening	3.0996 Lane Km

DESCRIPTION OF WORKS TO BE DONE		TOTAL DIRECT COST	% TOTAL
I. Civil Works (CW-1) - Construction of Concrete Road			
Part	A. Facilities for the Engineer	Php 178,085.33	0.21%
	B. Other General Requirements	2,188,385.14	2.59%
	C. Earthwork	5,060,594.43	5.99%
	D. Subbase and Base Course	2,442,963.62	2.89%
	E. Surface Courses	18,317,870.89	21.67%
	F. Bridge Construction	12,064,190.31	14.27%
	G. Drainage and Slope Protection Structure	6,448,857.17	7.63%
	H: Miscellaneous Structures	19,313,146.88	22.85%
II. ROW - ROW Acquisition		15,000,000.00	17.75%
	Eng'g & Administrative Overhead	3,500,000.00	4.14%
TOTAL		PHP 84,514,093.77	100.00%

Cost per kilometer of project (as per POW) = $\frac{\text{Php } 84,514,093.77}{3.0996 \text{ Lane km}} = \text{Php } 27,266,129.10 \text{ per Lane km}$.

The unit cost per lane km of the project as per Program of Works are attributed due to following justification:



May 2, 2024

CERTIFICATE OF REASONABLENESS OF COST ESTIMATE

Project: Road Widening along Pili-Tigaon-Albay Bdry Rd - K0473 + (-831) - K0473 + 718.80

As per GAA		As per POW	
Scope of Work	Phys. Target	Scope of Work	Phys. Target
CW1 – Road Widening	4.920 Lane Km	CW1 – Road Widening	3.0996 Lane Km

DESCRIPTION OF WORKS TO BE DONE		TOTAL DIRECT COST	% TOTAL
AS SUBMITTED			
I.	Civil Works (CW-1) – Construction of Concrete Road		
Part	A. Facilities for the Engineer	200,373.60	0.25%
B.	Other General Requirements	2,440,221.14	2.99%
C.	Earthwork	6,270,076.50	7.69%
D.	Subbase and Base Course	3,026,831.93	3.71%
E.	Surface Courses	22,695,842.02	27.85%
F.	Bridge Construction	14,947,531.80	18.34%
G.	Drainage and Slope Protection Structure	7,990,134.03	9.80%
H.	Miscellaneous Structures	23,928,988.98	29.36%
TOTAL		PHP 81,500,000.00	100.00%

Cost per Kilometer of project (as per POW) = $\frac{PHP\ 81,500,000.00}{3.0996\ Lane\ km} = \frac{PHP\ 26,293,715.32}{Lane\ km}$

The unit cost per lane km of the project as per Program of Works are attributed due to following justification:

- Decrease in physical target due to additional component ROW amounting to 15,000,000 for ROW acquisition of affected properties
- Delete the section 2 due to budget constraints, allocated to ROW acquisition and other structure needed in section 1
- Additional cause of decrease in physical target due to provision of drainage (open lined canal and extension of RCPC), solar street light, bench, pavement markings that are also needed in the area.

Certified by:

Alice B. Magistrado
ALICE B. MAGISTRADO
Chief, Planning and Design Section

Gemma B. Timbang
GEMMA B. TIMBANG
District Engineer

Noted by:

Virgilio C. Eduarte
VIRGILIO C. EDUARTE, CESO III
Regional Director