



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


MEMORANDUM

FOR : **ROGER G. MERCADO**
Acting Secretary
This Department


This refers to the memorandum dated March 22, 2022 of **DPWH Region V Director VIRGILIO C. EDUARTE, CESO III**, endorsing the request for Project Modification of **District Engineer Ruben S. Santos, Jr.**, Camarines Sur 2nd District Engineering Office requesting for the approval of the **Modification** of the project under FY 2022 General Appropriation Act (GAA), to wit;

As per GAA/Original			As Modified		
Project Description					
UACS No. 310106100670000 Project ID: P00603951LZ					
ORGANIZATIONAL OUTCOME 1: Ensure Safe and Reliable National Road System			ORGANIZATIONAL OUTCOME 1: Ensure Safe and Reliable National Road System		
Asset Preservation - Rehabilitation/ Reconstruction/ Upgrading of Damaged Paved Roads - Tertiary Roads			Asset Preservation - Rehabilitation/ Reconstruction/ Upgrading of Damaged Paved Roads - Tertiary Roads		
Milaor-Minalabac-Pili Rd - K0436 + 155 - K0436 + 320, K0440 + 070 - K0441 + 570			Milaor-Minalabac-Pili Rd - K0436 + 155 - K0436 + 320, K0440 + 070 - K0441 + 570		
Physical Target	Unit Cost	Allocation	Physical Target	Unit Cost	Estimated Cost
CW1- Reconstruction to Concrete Pavement - 5.368 Lane Km	₱ 15,905,062.41 / Lane Km	₱ 85,378,375.00	CW1- Reconstruction to Concrete Pavement - 3.33 Lane Km	₱ 25,639,151.65 / Lane Km	₱ 85,378,375.00
EAO	-	₱ 3,096,625.00	EAO	-	₱ 3,096,625.00
Total:		₱ 88,475,000.00	Total:		₱ 88,475,000.00
Justification:					
The change in physical target is due to the adoption of correct RBIA length for the road section which is 3.330 Lane km, the reflected length in AIP is erroneous, hence this request. The scope of work includes					
<ul style="list-style-type: none">• Reconstruction of existing carriageway and provision of concrete shoulder on both sides;• Inclusion of drainage and slope protection structures, and miscellaneous road safety features; and• Inclusions of additional hauling cost for materials.					

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


ROBERTO R. BERNARDO
Undersecretary for Regional Operations
In Luzon (except NCR and Region IV-B)

APPROVED/DISAPPROVED:-


ROGER G. MERCADO
Acting Secretary

2.1 ACC/ ACL/MBB/RRB

Department of Public Works and Highways
Office of the Secretary



WIN2F06267



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

MEMORANDUM

FOR : **ROGER G. MERCADO**
Acting Secretary
This Department

This refers to the memorandum dated March 22, 2022 of **DPWH Region V Director VIRGILIO C. EDUARTE, CESO III**, endorsing the request for Project Modification of **District Engineer Ruben S. Santos, Jr.**, Camarines Sur 2nd District Engineering Office requesting for the approval of the **Modification** of the project under FY 2022 General Appropriation Act (GAA), to wit;

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Asset Preservation - Rehabilitation/ Reconstruction/ Upgrading of Damaged Paved Roads - Tertiary Roads			Asset Preservation - Rehabilitation/ Reconstruction/ Upgrading of Damaged Paved Roads - Tertiary Roads		
Milaor-Minalabac-Pili Rd - K0436 + 155 - K0436 + 320, K0440 + 070 - K0441 + 570			Milaor-Minalabac-Pili Rd - K0436 + 155 - K0436 + 320, K0440 + 070 - K0441 + 570		
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EAO	-	₱ 3,096,625.00	EAO	-	₱ 3,096,625.00
Total:		₱ 88,475,000.00	Total:		₱ 88,475,000.00
Justification:					
The change in physical target is due to the adoption of correct RBIA length for the road section which is 3.330 Lane km, the reflected length in AIP is erroneous, hence this request. The scope of work includes					
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Based on our evaluation, the submitted request for modification of the said project is in order. Hence, the said request is hereby recommended for Secretary's consideration and approval.

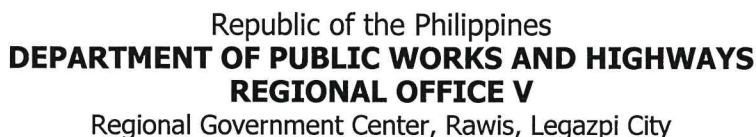
ROBERTO R. BERNARDO
Undersecretary for Regional Operations
In Luzon (except NCR and Region IV-B)

APPROVED/DISAPPROVED:

ROGER G. MERCADO
Acting Secretary

2.1 ACC/ ACL/MBB/RRB

DPWH - OSEC
RECEIVED
APR 01 2022
By: _____ Time: 4:15
Control No.: 22-7270
IDTS No.: 07178

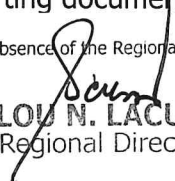


FROM (As per GAA)					TO (As Modified)				
UACS/ Project ID	Name/ Location of Project/ Thrust/ Type of Work	Physical Target/ Target Unit	Cost (P '000)		UACS/ Project ID	Name/ Location of Project/ Thrust/ Type of Work	Physical Target/ Target Unit	Cost (P '000)	
310106100670000 / P00603951LZ ORGANIZATIONAL OUTCOME 1 : Ensure Safe and Reliable National Road System - Asset Preservation - Rehabilitation/ Reconstruction/ Upgrading of Damaged Paved Roads - Tertiary Roads									
Project: <u>Milaor-Minalabac-Pili Rd - K0436 + 155 - K0436 + 320, K0440 + 070 - K0441 + 570</u>					Project: <u>Milaor-Minalabac-Pili Rd - K0436 + 155 - K0436 + 320, K0440 + 070 - K0441 + 570</u>				
Component:	Type of Work:	Target	Unit	Component Cost	Component:	Type of Work:	Target	Unit	Component Cost
CW1	Reconstruction to Concrete Pavement	5.368	Lane Km	85,378.38	CW1	Reconstruction to Concrete Pavement	3.330	Lane Km	85,378.38
EAO	-	-	-	3,096.63	EAO	-	-	-	3,096.63
-	-	-	-	-	-	-	-	-	-
TOTAL				88,475.00	TOTAL				88,475.00
REMARKS/JUSTIFICATION:									
The change in physical target is due to the adoption of correct RBIA length for the road section which is 3.330 Lane km, the reflected length in AIP is erroneous, hence this request. The scope of work includes: - reconstruction of existing carriageway and provision of concrete shoulder on both sides; - inclusion of drainage and slope protection structures, and miscellaneous road safety features; and - inclusions of additional hauling cost for materials.									

Attached are accomplished Evaluation Form for Modification, Approved Program of Work, Certificate of Availability of Funds, and other supporting documents in support to the request.

For favorable consideration.

For and the Absence of the Regional Director


MARILOU N. LACUNA
Asst. Regional Director

VIRGILIO C. EDUARTE, CESO III
Regional Director

R05.1 JCJ/LBD/EMV/HPMP/BMF 



Republic of the Philippines
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
CAMARINES SUR 2ND
DISTRICT ENGINEERING OFFICE
Regional Office V
Baras, Canaman Camarines Sur

RO5.14.1-PU-094-0322-003

March 15, 2022

MEMORANDUM

FOR : Acting Secretary ROGER G. MERCADO
This Department

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

SUBJECT : Request for Modification of Projects under FY 2022 GAA

This has reference to the following project under the DPWH Infrastructure Program based on the FY 2022 GAA which is hereby requested to be modified as follows;

UACS Code : 310106100670000
Project ID No. : P00603951LZ

FROM				TO				Remarks
Project Name			Alloc. (P'000)	Project Name			Alloc. (P'000)	
OO1: Asset Preservation Program - Rehabilitation/ Reconstruction/ Upgrading of Damaged Paved Roads - Tertiary Roads - Milaor-Minalabac-Pili Rd - K0436 + 155 - K0436 + 320, K0440 + 070 - K0441 + 570			88,475	OO1: Asset Preservation Program - Rehabilitation/ Reconstruction/ Upgrading of Damaged Paved Roads - Tertiary Roads - Milaor-Minalabac-Pili Rd - K0436 + 155 - K0436 + 320, K0440 + 070 - K0441 + 570			88,475	the decrease in target length and, consequently, increase in unit cost is due to the following: - reconstruction of existing carriageway and provision of concrete shoulder on both sides; - inclusion of drainage and slope protection structures, and miscellaneous road safety features; and - inclusion of additional hauling cost for materials.
Comp onent	Type of Work	Physical Target	Amount (P'000)	Comp onent	Type of Work	Physical Target	Amount (P'000)	
CW1	Reconstruction to Concrete Pavement	5.368 Lane km.	85,378.375	CW1	Reconstruction to Concrete Pavement	3.330 Lane km.	85,378.375	
EAO	-	-	3,096.625	EAO	-	-	3,096.625	

Attached for your reference are the Form for Modification Request including Annex "A", Certificate of Availability of Funds (CAF), Technical Justification, BP 202, geo-tagged pictures, GIS Map, Program of Works (POW), Detailed Unit Price Analysis (DUPA), Preliminary Design Scheme, Certificate of Reasonableness, and Certificate of Non-Coverage for the proposed project.

Looking forward for your consideration and favorable action on this request.

RUBEN S. SANTOS, JR.
District Engineer

Encl.: as stated

RO5.14.1 MBB/EDI/SDC/RSS



Republic of the Philippines
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
CAMARINES SUR 2ND
DISTRICT ENGINEERING OFFICE
Regional Office V
Baras, Canaman Camarines Sur

RO5.14.1-PU-094-0322-003

March 15, 2022

MEMORANDUM

FOR : Acting Secretary ROGER G. MERCADO
This Department

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

SUBJECT : Request for Modification of Projects under FY 2022 GAA

This has reference to the following project under the DPWH Infrastructure Program based on the FY 2022 GAA which is hereby requested to be modified as follows;

UACS Code : 310106100670000

Project ID No. : P00603951LZ

Project ID No: P-00000012

FROM				TO				Remarks
Project Name			Alloc. (P'000)	Project Name			Alloc. (P'000)	
OO1: Asset Preservation Program - Rehabilitation/ Reconstruction/ Upgrading of Damaged Paved Roads - Tertiary Roads - Milaor-Minalabac-Pili Rd - K0436 + 155 - K0436 + 320, K0440 + 070 - K0441 + 570			88,475	OO1: Asset Preservation Program - Rehabilitation/ Reconstruction/ Upgrading of Damaged Paved Roads - Tertiary Roads - Milaor-Minalabac-Pili Rd - K0436 + 155 - K0436 + 320, K0440 + 070 - K0441 + 570			88,475	the decrease in target length and, consequently, increase in unit cost is due to the following: - reconstruction of existing carriageway and provision of concrete shoulder on both sides; - inclusion of drainage and slope protection structures, and miscellaneous road safety features; and - inclusion of additional hauling cost for materials.
Comp onent	Type of Work	Physical Target	Amount (P'000)	Comp onent	Type of Work	Physical Target	Amount (P'000)	
CW1	Reconstruction to Concrete Pavement	5.368 Lane km.	85,378.375	CW1	Reconstruction to Concrete Pavement	3.330 Lane km.	85,378.375	
EAO	-	-	3,096.625	EAO	-	-	3,096.625	

Attached for your reference are the Form for Modification Request including Annex "A", Certificate of Availability of Funds (CAF), Technical Justification, BP 202, geo-tagged pictures, GIS Map, Program of Works (POW), Detailed Unit Price Analysis (DUPA), Preliminary Design Scheme, Certificate of Reasonableness, and Certificate of Non-Coverage for the proposed project.

Looking forward for your consideration and favorable action on this request.

RUBEN S. SANTOS, JR.
District Engineer

Encl.: as stated

RO5.14.1 MBB/EDI/SDC/RSS

Form for Modification Request

A. GENERAL

1. REGION Region V	2. DEO Camarines Sur 2nd District Engineering Office	3. LEGISLATIVE DISTRICT Camarines Sur 2nd Legislative District
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B. ORIGINAL PROJECT

C. PROPOSED REVISED PROJECT

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

310106100670000

5. Project Id

P00603951LZ

6. Project Category

OO1: Ensure Safe and Reliable National Road System

7. Sub-Program (P/A/P)

Asset Preservation - Rehabilitation/ Reconstruction/ Upgrading of Damaged Paved Roads - Tertiary Roads

8. Operating Unit

Camarines Sur 2nd District Engineering Office

18. Operating Unit (Change subject to DBM approval)

Camarines Sur 2nd District Engineering Office

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

Component ID	Type of Work
P00603951LZ-CW1	Reconstruction to Concrete Pavement
P00603951LZ-EAO	Choose an item.
Click here to enter text.	Choose an item.
Click here to enter text.	Choose an item.

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

Component ID	Type of Work
P00603951LZ-CW1	Reconstruction to Concrete Pavement
P00603951LZ-EAO	Choose an item.
Click here to enter text.	Choose an item.
Click here to enter text.	Choose an item.

10. PROJECT DESCRIPTION (as recorded in GAA)

Milaor-Minalabac-Pili Rd - K0436 + 155 - K0436 + 320, K0440 + 070 - K0441 + 570

20. PROJECT DESCRIPTION (of the revised project)

Milaor-Minalabac-Pili Rd - K0436 + 155 - K0436 + 320, K0440 + 070 - K0441 + 570

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

88,475

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

88,475

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

☒ YES

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

Component ID	Target	Target Unit
P00603951LZ-CW1	5.368	Lane Km
P00603951LZ-EAO	Click here to enter text.	Choose an item.
Click here to enter text.	Click here to enter text.	Choose an item.
Click here to enter text.	Click here to enter text.	Choose an item.

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

Component ID	Target	Target Unit
P00603951LZ-CW1	3.330	Lane Km
P00603951LZ-EAO	Click here to enter text.	Choose an item.
Click here to enter text.	Click here to enter text.	Choose an item.
Click here to enter text.	Click here to enter text.	Choose an item.

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

Component ID	Component Cost (P'000)	Target Unit Cost (P'000/Target Unit)
P00603951LZ-CW1	85,378.375	15,905.06
P00603951LZ-EAO	3,096.625	Click here to enter text.
Click here to enter text.	Click here to enter text.	Click here to enter text.
Click here to enter text.	Click here to enter text.	Click here to enter text.

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

Component ID	Component Cost (P'000)	Target Unit Cost (P'000/Target Unit)
P00603951LZ-CW1	85,378.375	25,639.15
P00603951LZ-EAO	3,096.625	Click here to enter text.
Click here to enter text.	Click here to enter text.	Click here to enter text.
Click here to enter text.	Click here to enter text.	Click here to enter text.

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Form for Modification Request

14. PROJECT WORK LOCATION (Must be defined in strict accordance with DO 65 Series 2014) Minalabac, 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 OO-1 and LP) Milaor, Camarines Sur			
Start X	123.184943°	End X	123.225024°	Start X	123.184943°	End X	123.225024°
Start Y	13.570458°	End Y	13.549760°	Start Y	13.570458°	End Y	13.549760°
15. ROAD CLASSIFICATION (if applicable) Tertiary				26. ROAD CLASSIFICATION (if applicable) Tertiary			
16. IMPLEMENTING OFFICE (Record the Implementing Office of the original project) Camarines Sur 2nd District Engineering Office				27. IMPLEMENTING OFFICE (Record the Implementing Office of the proposed revised project) Camarines Sur 2nd District Engineering Office			
17. PROJECT IMPLEMENTATION PLAN (PIP)				28. PROJECT IMPLEMENTATION PLAN (PIP)			
Planned Start Date		Planned End Date		Planned Start Date		Planned End Date	
20-Jun-22		03-May-23		20-Jun-22		03-May-23	
29. OVERLAP? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES				30. UNDER WARRANTY? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES			

D. ATTACHMENTS & JUSTIFICATIONS

31. PROJECT IMPACT ANALYSIS ATTACHED? (For Flood Control Projects) <input type="checkbox"/> NO <input type="checkbox"/> YES <input checked="" type="checkbox"/> N/A	
32. TECHNICAL JUSTIFICATION (Explain in detail in Bullet point format; minimum of 2 points) the decrease in target length and, consequently, increase in unit cost is due to the following: - reconstruction of existing carriageway from 0.23 m. thick to 0.28 m. and from 6.10 m. wide to 6.70 m., and provision of 0.23 m. thick concrete shoulder on both sides; - inclusion of drainage and slope protection structures, and miscellaneous road safety features (including curb, gutter, sidewalk and street lights) which comprises 23.28% and 18.54% of the total direct cost, respectively; and - inclusion of additional hauling cost for materials.	
33. PHOTOS SUBMITTED <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES	
34. A MAP OF THE PROPOSED PROJECT WORK LOCATION SUBMITTED <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES	

35. PREPARED BY:	
Name: MICHAEL B. BEDIS Office: Camarines Sur 2nd DEO	Position: Engineer II Date: 3/15/2022

36. REVIEWED BY DISTRICT OFFICE (If Required)	38. REVIEWED BY REGIONAL OFFICE
Name: ERLINDA D. IPO Position: Chief, Planning and Design Section Date: 3/15/2022	Name: BRIGILDO M. FABIA Position: OIC, Planning and Design Division Date:

37. RECOMMENDED BY DISTRICT OFFICE (If Required)	39. RECOMMENDED BY REGIONAL OFFICE
Name: RUBEN S. SANTOS, JR. Position: District Engineer Date: 3/15/2022	Name: VIRGILIO C. EDUARTE, CESO III Position: Regional Director Date:

For and the Absence of the Regional Director

MARLOU N. LACUNA
Asst. Regional Director

Form for Modification Request

UACS (Unified Account Code Structure as defined in GAA)

310106100670000

Project Id

P00603951LZ

40. DPWH OFFICE OF THE UNDERSECRETARIES FOR OPERATIONS USE ONLY

Category of Modification

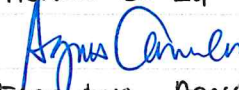
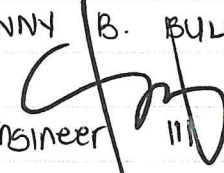
(choose one)

- ☐ Category A – Typographical Errors
- ☒ Category B – Change in Station Limits, due to increase or decrease in budget
- ☐ Category C – Change in Location
- ☐ Category D – Change in Operating Unit (requires DBM approval)
- ☐ Adjustment – Send to PS-PD to amend MYPS
- ☐ Modification does not comply with DBM Categories
- ☐ Augmentation

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

Category A	Category B	Category C	Category D	Adjustment (Must be no change to target or GAA line item)
<input type="checkbox"/> Typographical error on Project Description <input type="checkbox"/> Project Description needs items removed due to typo error	<input type="checkbox"/> Overlapping Sections of Work <input type="checkbox"/> Change in station limits, due to increase or decrease in budget <input checked="" type="checkbox"/> Change in Physical Target	<input type="checkbox"/> No such Barangay <input type="checkbox"/> No such City/Municipality	<input type="checkbox"/> Change in (IO), requiring a change in the (OU)	<input type="checkbox"/> Typographical error on Project Component Description <input type="checkbox"/> Typographical error on other fields not included in, or not consistent with GAA <input type="checkbox"/> Move funds between Project Components <input type="checkbox"/> Add/delete Project Components Change of Itemized Project Component: <input type="checkbox"/> Various <input type="checkbox"/> Description <input type="checkbox"/> Location <input type="checkbox"/> Amount <input type="checkbox"/> Target

Reviewed by Office of the Undersecretary for Operations



Name:	AGNES C. LU	MANNY B. BULUSAN
Signature		
Position:	Executive Assistant IV	Engineer III
Date:		

41. DPWH PLANNING SERVICE OFFICE USE ONLY

Category of Modification (choose one)	<input type="checkbox"/> Category A – Typographical Errors <input type="checkbox"/> Category B – Change in Station Limits, due to increase or decrease in budget <input type="checkbox"/> Category C – Change in Location <input type="checkbox"/> Category D – Change in Operating Unit (requires DBM approval) <input type="checkbox"/> Adjustment – Send to PS-PD to amend MYPS <input type="checkbox"/> Modification does not comply with DBM Categories <input type="checkbox"/> Augmentation
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CHANGE IN PHYSICAL TARGET

Reviewed by Planning Service

Name:	JANICA ANNA P. OJENAR-BELO	Name:	PETER PAUL R. CORTEZ
Signature		Signature:	
Position:	Regional Coordinator	Position:	Chief of Programming Division
Date:		Date:	

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Annex A to Form for Modification Request

[illegible]



Republic of the Philippines
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
CAMARINES SUR 2ND
DISTRICT ENGINEERING OFFICE
REGIONAL OFFICE V
Baras, Canaman, Camarines Sur

March 15, 2022

CERTIFICATE OF REASONABLENESS OF COST ESTIMATE

PROJECT: **OO1: Asset Preservation Program - Rehabilitation/
Reconstruction/ Upgrading of Damaged Paved Roads -
Tertiary Roads - Milaor-Minalabac-Pili Rd - K0436 + 155 -
K0436 + 320, K0440 + 070 - K0441 + 570**

As per GAA		As per POW		
Scope of Work	Phys. Target	Scope of Work	Phys. Target	Unit Cost (Php/Unit)
CW1 – Reconstruction to Concrete Pavement	5.368 Lane Km	CW1 – Reconstruction to Concrete Pavement	3.330 Lane Km	21,714,970.955

DESCRIPTION OF WORKS TO BE DONE (AS PER POW)		AS SUBMITTED	
		TOTAL DIRECT COST (PHP)	% TOTAL
Part: A:	Facilities for the Engineer	PHP 411,052.50	0.57%
B:	Other General Requirements	PHP 3,456,109.35	4.78%
C:	Earthworks	PHP 5,182,921.85	7.17%
D:	Subbase and Base Course	PHP 5,792,222.49	8.01%
E:	Surface Course	PHP 24,134,922.27	33.38%
G:	Drainage and Slope Protection	PHP 16,831,866.64	23.28%
H:	Miscellaneous Structures	PHP 13,405,133.18	18.54%
	Eng'g & Administrative Overhead	PHP 3,096,625.00	4.28%
	TOTAL	PHP 72,310,853.28	100.00%

$$\text{Cost per Lane Km. of project (as per POW)} = \frac{\text{PHP } 72,310,853.28}{3.33 \text{ Lane Km.}} = 21,714,970.95 \text{ Php/Lane km.}$$

The high unit cost per lane km. of the project as per Program of Work is attributed to the following:

1. Reconstruction of existing carriageway from 0.23 m. thick to 0.28 m. and from 6.10 m. wide to 6.70 m., and provision of 0.23 m. thick concrete shoulder on both sides;
2. Inclusion of drainage and slope protection structures, and miscellaneous road safety features (including curb, gutter, sidewalk and street lights) which comprises 23.28% and 18.54% of the total direct cost, respectively;
3. Inclusion of additional hauling cost for materials.

Certified by:

RUBEN S. SANTOS, JR.

District Engineer

For and the Absence of the Regional Director

MARILOU N. LACUNA
Asst. Regional Director

VIRGILIO C. EDUARTE, CESO III

Regional Director



Republic of the Philippines
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
CAMARINES SUR 2ND
DISTRICT ENGINEERING OFFICE
REGIONAL OFFICE V
Baras, Canaman, Camarines Sur

March 15, 2022

CERTIFICATE OF REASONABLENESS OF COST ESTIMATE

PROJECT: **001: Asset Preservation Program - Rehabilitation/
Reconstruction/ Upgrading of Damaged Paved Roads -
Tertiary Roads - Milaor-Minalabac-Pili Rd - K0436 + 155 -
K0436 + 320, K0440 + 070 - K0441 + 570**

As per GAA		As per POW		
Scope of Work	Phys. Target	Scope of Work	Phys. Target	Unit Cost (Php/Unit)
CW1 – Reconstruction to Concrete Pavement	5.368 Lane Km	CW1 – Reconstruction to Concrete Pavement	3.330 Lane Km	21,714,970.955

DESCRIPTION OF WORKS TO BE DONE (AS PER POW)			AS SUBMITTED	
			TOTAL DIRECT COST (PHP)	% TOTAL
Part: A:	Facilities for the Engineer	PHP	411,052.50	0.57%
B:	Other General Requirements	PHP	3,456,109.35	4.78%
C:	Earthworks	PHP	5,182,921.85	7.17%
D:	Subbase and Base Course	PHP	5,792,222.49	8.01%
E:	Surface Course	PHP	24,134,922.27	33.38%
G:	Drainage and Slope Protection	PHP	16,831,866.64	23.28%
H:	Miscellaneous Structures	PHP	13,405,133.18	18.54%
	Eng'g & Administrative Overhead	PHP	3,096,625.00	4.28%
	TOTAL	PHP	72,310,853.28	100.00%

$$\text{Cost per Lane Km. of project (as per POW)} = \frac{\text{PHP } 72,310,853.28}{3.33 \text{ Lane Km.}} = 21,714,970.95 \text{ Php/Lane km.}$$

The high unit cost per lane km. of the project as per Program of Work is attributed to the following:

1. Reconstruction of existing carriageway from 0.23 m. thick to 0.28 m. and from 6.10 m. wide to 6.70 m., and provision of 0.23 m. thick concrete shoulder on both sides;
2. Inclusion of drainage and slope protection structures, and miscellaneous road safety features (including curb, gutter, sidewalk and street lights) which comprises 23.28% and 18.54% of the total direct cost, respectively;
3. Inclusion of additional hauling cost for materials.

Certified by:


ERLINDA D. IPO

Chief, Planning and Design Section

R05.14.1 MBB/EDI/SLCD/RSS


RUBEN S. SANTOS, JR.
District Engineer



Republic of the Philippines
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
CAMARINES SUR 2ND
DISTRICT ENGINEERING OFFICE
Regional Office V
Baras, Canaman, Camarines Sur

CERTIFICATE OF AVAILABILITY OF FUNDS

This is to certify that the following infrastructure project under the General Appropriations Act of 2022 is not yet obligated since it is classified under "For Later Release" (FLR), viz.

DPWH Regular Infrastructure Program (GAA FY 2022)

UACS PAP Code	Project Name and Location	Allocation (Php)
310106100670000	OO1: Asset Preservation Program - Rehabilitation/ Reconstruction/ Upgrading of Damaged Paved Roads - Tertiary Roads - Milaor-Minalabac-Pili Rd - K0436 + 155 - K0436 + 320, K0440 + 070 - K0441 + 570	88,475,000

This certification is issued this 15th day of March 2022 for the purpose of seeking approval of modification request of said project.


JULIE ANN S. RAZAL
Accountant III
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Noted by:


RUBEN S. SANTOS, JR.
District Engineer