



Republic of the Philippines  
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS  
**CENTRAL OFFICE**  
Manila



April 29, 2024

**MEMORANDUM**

**TO :** **KHADAFFY D. TANGGOL**  
Regional Director  
DPWH-CAR  
Engineer's Hill, Baguio City

**ATTENTION :** **DIOSDADO C. LOMIBAO**  
OIC-District Engineer  
Ifugao First District Engineering Office  
Lagawe, Ifugao

Transmitted herewith is the **APPROVED** request for the **modification** of hereunder stated project:

1. OO1: Ensure Safe and Reliable National Road System - Asset Preservation - Rehabilitation/ Reconstruction of National Roads with Slips, Slope Collapse, and Landslide - Tertiary Roads Kiangnan-Tinoc-Buguias Rd - (S00634LZ) **Chainage 24531 - Chainage 24578, Chainage 27854 - Chainage 27893**, Chainage 34710 - Chainage 34862, Chainage 37193 - Chainage 37281, Chainage 39907 - Chainage 39961, Tinoc, Ifugao - - - **P49,070,000.00**

Please be reminded that all approved modifications **shall be posted in the DPWH website within five (5) days** from its approval. Failure to comply with this requirement shall be dealt with accordingly.

**EUGENIO R. PIPO, JR.**

Undersecretary for Regional Operations  
in CAR, Regions I, II, IX, X, XI, XII, and XIII

2.3 mksa/AVS/RPBG/ERP

Project Modification of Allotment under the GAA Request Evaluation Form

Date of Evaluation: 04/15/2024

P/A/P 1 (001, 002, CSSP, LP):	Appropriation Source:	FY 2024 GAA
ORGANIZATIONAL OUTCOME 1 : Ensure Safe and Reliable National Road System	UACS:	310109101435000
P/A/P 2 (Program):	Project ID:	P00800766LZ
Asset Preservation Program	Region:	Cordillera Administrative Region
P/A/P 3 (Sub-Program):	Implementing Office:	Ifugao 1st District Engineering Office
Rehabilitation/ Reconstruction of Roads with Slips, Slope Collapse, and Landslide - Tertiary Roads	Appropriation (Php):	49,070,000

Name of Project per GAA:

Kiangnan-Tinoc-Buguias Rd - (S00634LZ) Chainage 34710 - Chainage 34862, Chainage 37193 - Chainage 37271, Chainage 39907 - Chainage 39961

Implementing Office  
A Justification for Modification:

- The increase in length of Structure (Chainages) is due to the worsened condition of the Road Slip caused by continuous downpour of rain that necessitate immediate slope protection Structure stabilize the road.
- additional sections to address further damage to the road
- Decreased in unit cost due to the lesser volume of common soil excavation as well as usage of stone masonry and gabion as a result of the conducted economical design analysis.

A.1 ☒ Certificate of Reasonableness of Cost Estimate approved by: DE Diosdado C. Lomibao Noted by: RD Khadaffy Tanqqol (undated) Tag 11

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:

COMP	SCOPE OF WORK		TARGET		INCREASE/ DECREASE (%)	
	FROM	TO	FROM	TO	Unit Cost	Target
CW1	Construction of Road Slope Protection Structure	Construction of Road Slope Protection Structure	1,903.0 sq. meters	2,538.880 sq. meters	-25.05%	33.41%
CW2	-	-	-	-	-	-
CW3	-	-	-	-	-	-
CW4	-	-	-	-	-	-

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):

- Decrease in Unit Cost
- Change in Station Limits / Chainages supported by the attached Straight-Line Diagram

Evaluated By:

ALEX G. BOTE

Director, Planning Service

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 ☐ Secretary
- E.2 ☒ Undersecretary for Operations

☒ Recommended for Approval

☐ Remarks:

MARIA CATALINA E. CABRAL, CESO I, Ph.D.

Undersecretary for Planning and PPP Services





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



March 24, 2024

**MEMORANDUM**

**FOR :** **EUGENIO R. PIPO, JR**  
Undersecretary for Regional Operations  
in CAR, Regions I, II, IX, X, XI, XII, and XIII

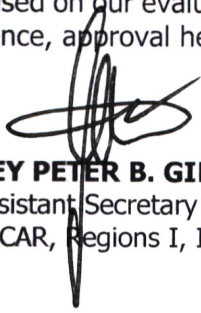
This refers to the memorandum dated 4 March 2024 of **DPWH CAR Regional Director KHADAFFY D. TANGGOL**, endorsing the request of **Officer-in-Charge, Office of the District Engineer, DIOSDADO C. LOMIBAO, Ifugao First District Engineering Office**, for the **modification** of the project under FY 2024 GAA, to wit;

As per GAA/Original			As Modified		
Project Description					
<b>UACS No. 310109101435000</b> <b>Project ID: P00800766LZ</b>  OO1: Ensure Safe and Reliable National Road System - Asset Preservation - Rehabilitation/ Reconstruction of National Roads with Slips, Slope Collapse, and Landslide - Tertiary Roads  Kiangnan-Tinoc-Buguias Rd - (S00634LZ) Chainage 34710 - Chainage 34862, Chainage 37193 - Chainage 37271, Chainage 39907 - Chainage 39961			OO1: Ensure Safe and Reliable National Road System - Asset Preservation - Rehabilitation/ Reconstruction of National Roads with Slips, Slope Collapse, and Landslide - Tertiary Roads  Kiangnan-Tinoc-Buguias Rd - (S00634LZ) <b>Chainage 24531 - Chainage 24578, Chainage 27854 - Chainage 27893</b> , Chainage 34710 - Chainage 34862, Chainage 37193 - Chainage 37281, Chainage 39907 - Chainage 39961, Tinoc, Ifugao		
Type of Work/ Physical Target	Unit Cost	Allocation	Type of Work/ Physical Target	Unit Cost	Estimated Cost
CW1- Construction of Road Slope Protection Structure/ <b>1,903.00</b> sq.m.	₱ 24,883.11/ Square meter	₱ 47,352,550.00	CW1- Construction of Road Slope Protection Structure / <b>2,538.88</b> sq.m.	₱ 18,650.96 / Square meter	₱ 47,352,550.00
EAO	-	₱ 1,717,450.00	EAO	-	₱ 1,717,450.00
<b>Total:</b>		<b>₱ 49,070,000.00</b>	<b>Total:</b>		<b>₱ 49,070,000.00</b>
<b>Justification:</b> The project is to be modified in view of the following:					
<ul style="list-style-type: none"><li>The increase in length of structure in Chainage 37193-Chainage 37281 is due to the worsened condition of the Road Slip caused by continuous downpour of rain that necessitate immediate slope protection structure to stabilize the road.</li><li>The increase in the physical target is due to the additional 2 critical sections (Chainage 24531-Chainage 24578 and Chainage 27854-Chainage 27893) which require immediate slope protection structure to address further damage to the road.</li><li>The decrease in the unit cost is due to the lesser volume of common soil excavation as well as the usage of stone masonry and gabion as a result of the conducted economical design analysis.</li><li>The derived unit cost is based on the validated Approved Program of Work (POW) and the Detailed Unit Price Analysis (DUPA).</li></ul>					

AP-CO-202403-12788

Attached are the following supporting documents: Approved Program of Works (POW) with Detailed Unit Price Analysis (DUPA), Detailed Engineering Design (DED), Certificate of Availability of Funds (CAF), BP 202, Geotagged photos, GIS Map and Certification of No overlapping (Certified by the District Engineer, Planning & Design, Construction and Maintenance Division Chief).

Based on our evaluation, the submitted request for modification of the said project is in order; hence, approval hereof is recommended.



**REY PETER B. GILLE, D.M.**

Assistant Secretary for Regional Operations  
in CAR, Regions I, II, IX, X, XI, XII, and XIII

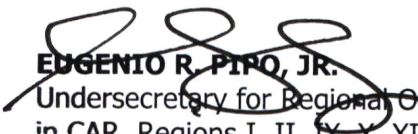
**RECOMMENDING APPROVAL:**



**MARIA CATALINA E. CABRAL, Ph.D., CESO I**

Undersecretary for Planning and Public-Private Partnership Services

**APPROVED/~~DISAPPROVED~~:**



**EDGENIO R. PIPO, JR.**

Undersecretary for Regional Operations  
in CAR, Regions I, II, IX, X, XI, XII, and XIII





Republic of the Philippines  
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS  
**CORDILLERA ADMINISTRATIVE REGION**  
Engineer's Hill, Baguio City



March 4, 2024

**MEMORANDUM**

**FOR : MANUEL M. BONOAN**  
Secretary

**THRU : EUGENIO R. PIPO, JR.**  
Undersecretary for Regional Operations  
CAR, Regions I, II, IX, X, XI, XII, and XIII

**SUBJECT : Request for Modification of the Project: ORGANIZATIONAL OUTCOME 1:  
Ensure Safe and Reliable National Road System - Asset Preservation  
Program - Rehabilitation/ Reconstruction of Roads with Slips, Slope  
Collapse, and Landslide - Tertiary Roads - Kiangnan-Tinoc-Buguias Rd –  
(S00634LZ) Chainage 34710 - Chainage 34862, Chainage 37193 –  
Chainage 37271, Chainage 39907 - Chainage 39961**

We are respectfully forwarding the Memorandum dated February 27, 2024 from OIC - District Engineer Diosdado C. Lomibao, Ifugao 1st District Engineering Office, regarding the modification of the above project in the amount of **Forty-Nine Million Seventy Thousand Pesos (Php 49,070,000.00)** as indicated below:

	FROM	TO
Project ID	P00800766LZ	
Project Title	ORGANIZATIONAL OUTCOME 1: Ensure Safe and Reliable National Road System - Asset Preservation Program - Rehabilitation/ Reconstruction of Roads with Slips, Slope Collapse, and Landslide - Tertiary Roads - Kiangnan-Tinoc-Buguias Rd – (S00634LZ) Chainage 34710 - Chainage 34862, Chainage 37193 – <b>Chainage 37271</b> , Chainage 39907 - Chainage 39961	ORGANIZATIONAL OUTCOME 1: Ensure Safe and Reliable National Road System - Asset Preservation Program - Rehabilitation/ Reconstruction of Roads with Slips, Slope Collapse, and Landslide - Tertiary Roads - Kiangnan-Tinoc-Buguias Rd – (S00634LZ) <b>Chainage 24531 - Chainage 24578, Chainage 27854 - Chainage 27893</b> , Chainage 34710 - Chainage 34862, Chainage 37193 - <b>Chainage 37281</b> , Chainage 39907 - Chainage 39961
Type of Work	Construction of Road Slope Protection Structure	Construction of Road Slope Protection Structure
Physical Target	<b>1,903</b> square meters	<b>2,538.88</b> square meters
Allocation	Php 49,070,000.00	Php 49,070,000.00

The supporting documents based on D.O No. 23, series of 2023 are attached for your ready reference.

For the consideration of the Secretary.

**KHADAFY D. TANGGOL**  
Regional Director

CAR.1 MC/EPD/JWC/ABM



Republic of the Philippines  
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS  
**IFUGAO 1<sup>st</sup> DISTRICT ENGINEERING OFFICE**  
Lagawe, Ifugao, Cordillera Administrative Region



February 27, 2024

**MEMORANDUM:**

**FOR : KHADAFFY D. TANGGOL**  
Regional Director


**ATTENTION : PLANNING AND DESIGN DIVISION**

**SUBJECT : Modification Documents**

This is to submit for review and signature the modification documents of the project-  
**Rehabilitation/ Reconstruction of National Roads with Slips, Slope Collapse, and Landslide along Kiangan-Tinoc-Buguias Rd - (S00634LZ) Chainage 24531 - Chainage 24578, Chainage 27854 - Chainage 27893, Chainage 34710 - Chainage 34862, Chainage 37193 - Chainage 37281, Chainage 39907 - Chainage 39961, Tinoc, Ifugao.**

We look forward to your kind consideration regarding this matter.

Thank you and more power.

  
**DIOSDADO C. LOMIBAO**  
OIC-District Engineer  
CAR. 12.1 ASGA/JNCP/JNCP



# Modification Request Form

## A. GENERAL

### 1. REGION

Cordillera Administrative Region

### 2. DEO

Ifugao First District Engineering Office

### 3. LEGISLATIVE DISTRICT

Ifugao Lone District

## B. ORIGINAL PROJECT

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

310109101435000

### 5. Project Id

P00800766LZ

### 6. Project Category

001: Ensure Safe and Reliable National Road System

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

Asset Preservation - Rehabilitation/ Reconstruction of National Roads with Slips, Slope Collapse, and Landslide - Tertiary Roads .

### 8. Operating Unit

Central Office

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

Component ID	Type of Work
P00800766LZ-EAO	
P00800766LZ-CW1	Construction of Road Slope Protection Structure

### 10. PROJECT DESCRIPTION (as recorded in GAA)

Kiangan-Tinoc-Buguias Rd - (S00634LZ) Chainage 34710 - Chainage 34862, Chainage 37193 - **Chainage 37271**, Chainage 39907 - Chainage 39961

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

49,070

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

Component ID	Target	Target Unit
P00800766LZ-EAO		
P00800766LZ-CW1	1,903.000	Square Meters (m2)

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

Component ID	Component Cost (P'000)	Target Unit Cost (P'000/Target Unit)
P00800766LZ-EAO	1,717.450	
P00800766LZ-CW1	47,352.550	24.883

## C. PROPOSED REVISED PROJECT

### 18. Operating Unit (Change subject to DBM approval)

Central Office

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

Component ID	Type of Work
P00800766LZ-EAO	
P00800766LZ-CW1	Construction of Road Slope Protection Structure

### 20. PROJECT DESCRIPTION (of the revised project)

Kiangan-Tinoc-Buguias Rd - (S00634LZ) **Chainage 24531 - Chainage 24578, Chainage 27854 - Chainage 27893**, Chainage 34710 - Chainage 34862, Chainage 37193 - **Chainage 37281**, Chainage 39907 - Chainage 39961

### 21. REVISED ESTIMATED COST

(P'000) (Equal to, or lower than GAA allotment)

49,070

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

☒ YES

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

Component ID	Target	Target Unit
P00800766LZ-EAO		
P00800766LZ-CW1	2538.88	Square Meters (m2)

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

Component ID	Component Cost (P'000)	Target Unit Cost (P'000/Target Unit)
P00800767LZ -EAO	1,717.45	
P00800767LZ -CW1	47,352.55	18.651



## Modification Request Form

**14. PROJECT WORK LOCATION** (Must be defined in strict accordance with DO 65 Series 2014)

Start X 120.97698 End X 120.9556

Start Y 16.70522 End Y 16.68083

**15. ROAD CLASSIFICATION** (if applicable)

Tertiary

**16. IMPLEMENTING OFFICE** (Record the Implementing Office of the original project)

Ifugao First District Engineering Office

**17. PROJECT IMPLEMENTATION PLAN (PIP)**

Planned Start Date

5/19/2024

Planned End Date

2/26/2025

**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)

Start X 121.01173 End X 120.9556

Start Y 16.74255 End Y 16.68083

**26. ROAD CLASSIFICATION** (if applicable)

Tertiary

**27. IMPLEMENTING OFFICE** (Record the Implementing Office of the proposed revised project)

Ifugao First District Engineering Office

**28. PROJECT IMPLEMENTATION PLAN (PIP)**

Planned Start Date

5/19/2024

Planned End Date

2/26/2025

**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)

- The increase in length of structure in Chainage 37193-Chainage 37281 is due to the worsened condition of the Road Slip caused by continuous downpour of rain that necessitate immediate slope protection structure to stabilize the road.
- The increase in the physical target is due to the additional 2 critical sections (Chainage 24531-Chainage 24578 and Chainage 27854-Chainage 27893) which require immediate slope protection structure to address further damage to the road.
- The decrease in the unit cost is due to the lesser volume of common soil excavation as well as the usage of stone masonry and gabion as a result of the conducted economical design analysis.
- The derived unit cost is based on the validated Approved Program of Work (POW) and the Detailed Unit Price Analysis (DUPA).


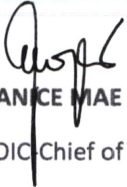

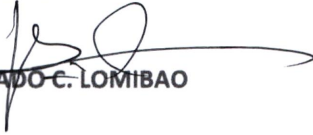

**33. PHOTOS SUBMITTED**

☐ NO ☒ YES

**34. A MAP OF THE PROPOSED PROJECT WORK LOCATION SUBMITTED**

☐ NO ☒ YES

Modification Request Form

35. PREPARED BY:			
Name:	<div> ANGELIQUE P. PATAWEG</div>	Position:	Engineer II
Office:	Ifugao First District Engineering Office	Date:	
36. REVIEWED BY DISTRICT OFFICE (If Required)		38. REVIEWED BY REGIONAL OFFICE	
Name:	<div> JANICE MAE C. PULAO</div>	Name:	<div> ANGELITA B. MABITAZAN</div>
Position:	OIC-Chief of Planning Section	Position:	Chief of Planning Division
Date:		Date:	
37. RECOMMENDED BY DISTRICT OFFICE (If Required)		39. RECOMMENDED BY REGIONAL OFFICE	
Name:	<div> DIOSDADO C. LOMIBAO</div>	Name:	<div> KHADAFF D. TANGGOL</div>
Position:	OIC-District Engineer	Position:	Regional Director
Date:		Date:	

## Modification Request Form

UACS (Unified Account Code Structure as defined in GAA)

310109101435000

Project Id


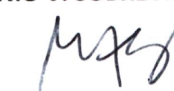
P00800766LZ

### 40. DPWH OFFICE OF THE UNDERSECRETARIES FOR OPERATIONS

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

Category A	Category B	Category C	Category D	Impact
<input type="checkbox"/> Typographical error on Project Description	<input type="checkbox"/> Overlapping Sections <input type="checkbox"/> Change in Station Limits <input type="checkbox"/> Change in Physical Target	<input type="checkbox"/> No such Barangay <input type="checkbox"/> No such City or Municipality	<input type="checkbox"/> Change in (IO), requiring a change in the (OU)	<input type="checkbox"/> No change or decrease in unit cost <input type="checkbox"/> 20% or less increase in unit cost <input type="checkbox"/> > 20% increase in unit cost



Reviewed by Office of the Undersecretary for Operations

Name:	Engr. MANUEL L. SINGSON	Engr. ANTONIO V. SOBREVÍÑAS JR.
Signature		
Position:	Project Manager I	Project Manager III
Date:	3/24/24	3/24/24

### 41. DPWH PLANNING SERVICE

Category of Modification (please check the appropriate)	<input type="checkbox"/> Category A – Typographical Error <input type="checkbox"/> Category B – Change in Station Limits <input type="checkbox"/> Category C – Change in Location, due to non-existing location <input type="checkbox"/> Category D – Change in Operating Unit (requires DBM approval) <input type="checkbox"/> Modification does not comply with DBM Categories
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Reviewed by Planning Service

Name:	ANNA ANDREA M. NOCHE	Name:	PETER PAUL R. CORTEZ
Signature		Signature:	
Position:	CAR-Regional Coordinator	Position:	OIC-Chief of Programming Division
Date:	04.15.24	Date:	



## ANNEX A: Project Work Location Details for National Roads

Component ID	Section ID	Start Limit LRP + Disp	End Limit LRP + Disp	Start Chainage	End Chainage	Length (m)	Type of Work	Detail Scope of Work	Target Unit	Physical Target
CW-1	S00634LZ	K0339+394	K0339+441	Chainage 24531	Chainage 24578	47 ✓	Construction of Road Slope Protection Structure	Gabion	Square Meter	667 ✓
CW-1	S00634LZ	K0342+736	K0342+736	Chainage 27854	Chainage 27893	39 ✓	Construction of Road Slope Protection Structure	Double Crib Wall, Stone Masonry BreatWall Curb and Gutter, and PCCP	Square Meter	563.28 ✓
CW-1	S00634LZ	K0349+808	K0349+960	Chainage 34710	Chainage 34862	152 ✓	Construction of Road Slope Protection Structure	Stone Masonry Breastwall	Square Meter	608 ✓
CW-1	S00634LZ	K0352+332	K0352+420	Chainage 37193	Chainage 37281	88 ✓	Construction of Road Slope Protection Structure	Double Crib Wall, Stone Masonry Breastwall, Retaining wall	Square Meter	592.6 ✓
CW-1	S00634LZ	K0355+082	K0355+136	Chainage 39907	Chainage 39961	54 ✓	Construction of Road Slope Protection Structure	Stone Masonry, Concrete Reblocking	Square Meter	108 ✓