



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



May 14, 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 Road, **Chainage 27705 - Chainage 27768, Chainage 38876 -Chainage 38921**Chainage 41830 - Chainage 41860 , Chainage 43251 - Chainage 43306, Chainage 44835 - Chainage 44887, Chainage 45368 - Chainage 45428, Chainage 45438 - Chainage 45478, Chainage 47070 - Chainage 47100 - - - **₱34,000,000.00**

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.


REY PETER B. GILLE, D.M.
Assistant Secretary 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:

04/25/2024

P/A/P 1 (001, 002, CSSP, LP):	Appropriation Source:	FY 2024 GAA
ORGANIZATIONAL OUTCOME 1 : Ensure Safe and Reliable National Road System	UACS:	310109101538000
P/A/P 2 (Program):	Project ID:	P00800767LZ
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):	34,000,000

Name of Project per GAA:

Kiangnan-Tinoc-Buguias Rd - (S00634LZ) Chainage 41830 - Chainage 41860, Chainage 43251 - Chainage 43306, Chainage 44835 - Chainage 44887, Chainage 44849 - Chainage 44876, Chainage 45368 - Chainage 45428, Chainage 45438 - Chainage 45478, Chainage 45886 - Chainage 46086, Chainage 47070 - Chainage 47100

Implementing Office
A Justification for Modification:

- The work at chainage 45886 - Chainage 46086 was deleted since the soil in that section is already in stabilized condition and does not need slope protection intervention, instead, two (2) critical sections (Chainage 27705 - Chainage 27768 and Chainage 38876 - Chainage 38921) where landslide have occurred and need immediate slope protection intervention are considered/ included
- Increase in Unit Cost/ Decrease in Physical Target of CW1 - Construction of Road Slope Protection Structure is due to the higher volume of common soil excavation, inclusion of Double Barrel RCBC, Concrete Canal and PCCP, all of which is necessary to improve the serviceability of the Road.

A.1 ☒ Certificate of Reasonableness of Cost Estimate

by: DE Diosdado Lomibao noted by: RD Khadaffy D. Tanggol dated: March 19, 2024

B. PER PLANNING SERVICE EVALUATION

B.1 ☒ **PROJECT MODIFICATION ON PROJECT DESCRIPTION**

B.1.1 ☐ Typographical Error/s

B.1.3 ☒ Change in Station Limits

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

B.1.4 ☐ Addition/ Deletion of Word/s

B.2 ☒ **PROJECT MODIFICATION/ADJUSTMENTS ON PROJECT COMPONENTS**

B.2.1 ☒ Change in Targets

B.2.3 ☐ Change in Component Amount

B.2.2 ☐ Change in Scope of Work

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	3,052.060 sq. meters	2,586.050 sq. meters	18.02%	-15.27%
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 Target and Increase in Unit cost
- with 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 25, 2024

MEMORANDUM

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

This refers to the memorandum dated March 20, 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			Project Description		
UACS No. 310109101538000 Project ID:P00800767LZ					
OO1: Ensure Safe and Reliable National Road System - Asset Preservation - Rehabilitation/ Reconstruction of National Roads with Slips, Slope Collapse, and Landslide - Tertiary Roads			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 41830 - Chainage 41860, Chainage 43251 - Chainage 43306, Chainage 44835 - Chainage 44887, Chainage 44849 - Chainage 44876, Chainage 45368 - Chainage 45428, Chainage 45438 - Chainage 45478, Chainage 45886 - Chainage 46086 , Chainage 47070 - Chainage 47100			Kiangnan-Tinoc-Buguias Road - (S00634LZ) Chainage 27705 - Chainage 27768, Chainage 38876 - Chainage 38921 , Chainage 41830 - Chainage 41860 , Chainage 43251 - Chainage 43306, Chainage 44835 - Chainage 44887, Chainage 45368 - Chainage 45428, Chainage 45438 - Chainage 45478, Chainage 47070 - Chainage 47100		
Type of Work/ Physical Target	Unit Cost	Allocation	Type of Work/ Physical Target	Unit Cost	Estimated Cost
CW1- Construction of Road Slope Protection Structure/ 3,052.060 sq.m.	₱10,917.22/ Square meter	₱ 33,320,000.00	CW1- Construction of Road Slope Protection Structure/ 2,586.05 sq.m.	₱12,884.52/ Square meter	₱ 33,320,000.00
EAO	-	₱ 680,000.00	EAO	-	₱ 680,000.00
Total:		₱34,000,000.00	Total:		₱34,000,000.00

Justification:

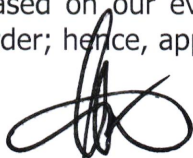
The project is to be modified in view of the following:

- The Work at Chainage 45886 – Chainage 46086 was deleted since the soil in that section is already in stabilized condition and does not need slope protection intervention, instead, two (2) critical sections (Chainage 27705 - Chainage 27768 and Chainage 38876 – Chainage 38921) where landslide have occurred and need immediate slope protection intervention are considered/ included.
- The increase in the unit cost/ Decrease in physical target of CW1 – Construction of Road Slope Protection Structure is due to the higher volume of common soil excavation, inclusion of Double Barrel RCBC, Concrete Canal and PCCP, all of which is necessary to improve the serviceability of the road.
- The derived Unit Cost is based on the validated Approved Program of Work (POW) and the Detailed Unit Price Analysis (DUPA).

AG-CO-202404-60920

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~~:


EUGENIO R. PIPO, JR.

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

2.3 mksa/MLS/AVS/RPBG/ERP



March 21, 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 along Kiangnan-Tinoc-Buguias Rd (S00634LZ) Chainage 41830 – Chainage 41860, Chainage 43251 – Chainage 43306, Chainage 44835 – Chainage 44887, Chainage 44849 – Chainage 44876, Chainage 45368 – Chainage 45428, Chainage 45438 – Chainage 45478, Chainage 45886 – Chainage 46086, Chainage 47070 – Chainage 47100**

We are respectfully forwarding the Memorandum dated March 20, 2024 from OIC - District Engineer Diosdado C. Lomibao, Ifugao 1st District Engineering Office, regarding the modification of the above project in the amount of **Thirty Four Million Pesos (Php 34,000,000.00)** as indicated below:

	FROM	TO
Project ID	P00800767LZ	
Project Title	Rehabilitation/ Reconstruction of National Roads with Slips, Slope Collapse, and Landslide along Kiangnan-Tinoc-Buguias Rd (S00634LZ) Chainage 41830 – Chainage 41860, Chainage 43251 – Chainage 43306, Chainage 44835 – Chainage 44887, Chainage 44849 – Chainage 44876, Chainage 45368 – Chainage 45428, Chainage 45438 – Chainage 45478, Chainage 45886 – Chainage 46086 , Chainage 47070 – Chainage 47100	Rehabilitation/ Reconstruction of National Roads with Slips, Slope Collapse, and Landslide along Kiangnan-Tinoc-Buguias Rd, Chainage 27705 – Chainage 27768, Chainage 38876 – Chainage 38921 , Chainage 41830 – Chainage 41860, Chainage 43251 – Chainage 43306, Chainage 44835 – Chainage 44887, Chainage 45368 – Chainage 45428, Chainage 45438 – Chainage 45478, Chainage 47070 – Chainage 47100
Type of Work	Construction of Road Slope Protection Structure	Construction of Drainage Structure along Road
Physical Target	3,051.00 Square Meters	2,586.05 Square Meters
Allocation	Php 34,000,000.00	Php 34,000,000.00

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

For the consideration of the Secretary.


KHADAFFY D. TANGGOL
Regional Director

CAR.1 CBT/EPD/JWC/ABM



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



March 20, 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 Kiangnan-Tinoc-Buguias Rd - (S00634LZ) Chainage 27705 - Chainage 27768, Chainage 38876 - Chainage 38921, Chainage 41830 - Chainage 41860 , Chainage 43251 - Chainage 43306, Chainage 44835 - Chainage 44887, Chainage 45368 - Chainage 45428, Chainage 45438 - Chainage 45478, Chainage 47070 - Chainage 47100, 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/JMCP/JNT

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)

310109101538000

5. Project Id

P00800767LZ

6. Project Category

OO1: 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

m8. Operating Unit

Ifugao First District Engineering Office

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

Component ID

Type of Work

P00800767LZ -EAO

P00800767LZ -CW1

Construction of Road Slope Protection Structure

10. PROJECT DESCRIPTION(as recorded in GAA)

Kiangan-Tinoc-Buguias Rd - (S00634LZ) Chainage 41830 - Chainage 41860, Chainage 43251 - Chainage 43306, Chainage 44835 - Chainage 44887, Chainage 44849 - Chainage 44876, Chainage 45368 - Chainage 45428, Chainage 45438 - Chainage 45478, Chainage 45886 - Chainage 46086, Chainage 47070 - Chainage 47100

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

34,000.000

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

Component ID

Target

Target Unit

P00800767LZ -EAO

P00800767LZ -CW1

3,051.000

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)

P00800767LZ-EAO

680.000

P00800767LZ-CW1

33,320.000

10.921

C. PROPOSED REVISED PROJECT

18. Operating Unit(Change subject to DBM approval)

Ifugao First District Engineering Office

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

Component ID

Type of Work

P00800767LZ -EAO

P00800767LZ -CW1

Construction of Road Slope Protection Structure

20. PROJECT DESCRIPTION(of the revised project)

Kiangan-Tinoc-Buguias Road -(S00634LZ) **Chainage 27705 - Chainage 27768, Chainage 38876 – Chainage 38921**, Chainage 41830 - Chainage 41860 , Chainage 43251 - Chainage 43306, Chainage 44835 - Chainage 44887, Chainage 45368 - Chainage 45428, Chainage 45438 - Chainage 45478, Chainage 47070 - Chainage 47100

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

34,000.000

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

☒ YES

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

Component ID

Target

Target Unit

P00800767LZ -EAO

P00800767LZ -CW1

2,586.05

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

680

P00800767LZ -CW1

33,320.000

12.885

Modification Form Version 01-2023

Modification Request Form

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

Start X 120.94492 End X 120.916211

Start Y 16.67926 End Y 16.688478

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

2/22/2025

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 **121.0041667** End X 120.916211

Start Y **16.72806** End Y 16.688478

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

2/22/2025

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 Work at Chainage 45886 – Chainage 46086 was deleted since the soil in that section is already in stabilized condition and does not need slope protection intervention, instead, two (2) critical sections (Chainage 27705 - Chainage 27768 and Chainage 38876 – Chainage 38921) where landslide have occurred and need immediate slope protection intervention are considered/ included.
- The increase in the unit cost/ Decrease in physical target of CW1 – Construction of Road Slope Protection Structure is due to the higher volume of common soil excavation, inclusion of Double Barrel RCBC, Concrete Canal and PCCP, all of which is necessary to improve the serviceability of the road.
- 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:

ANGELIQUE P. PATAWEG

Position: Engineer II

Office:

Ifugao First District Engineering Office

Date:

36. REVIEWED BY DISTRICT OFFICE (If Required)

Name:

JANICE MAE C. PULAO

Position:

OIC-Chief of Planning Section

Date:

38. REVIEWED BY REGIONAL OFFICE

Name:

ANGELITA B. MABITAZAN

Position:

Chief of Planning Division

Date:

37. RECOMMENDED BY DISTRICT OFFICE (If Required)

Name:

DIOSDADO C. LOMIBAO

Position:

OIC-District Engineer

Date:

39. RECOMMENDED BY REGIONAL OFFICE

Name:

KHADAFY D. TANGGOL

Position:

Regional Director

Date:

Modification Request Form

UACS (Unified Account Code Structure as defined in GAA)

310109101538000

Project Id


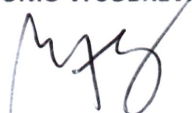
P00800767LZ

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. SOBREVINAS JR.
Signature		
Position:	Project Manager I	Project Manager III
Date:	3/11/24	3/25/24

41. DPWH PLANNING SERVICE

Category of Modification

(please check the appropriate)

- ☐ Category A – Typographical Error
- ☐ Category B – Change in Station Limits
- ☐ Category C – Change in Location, due to non-existing location
- ☐ Category D – Change in Operating Unit (requires DBM approval)
- ☐ Modification does not comply with DBM Categories

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:	04.25.24	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
P00800767LZ - CW1	S00634LZ	K0342+587	K0342+650	Chainage 27705	Chainage 27768	63	Construction of Road Slope Protection Structure	Double Crib Wall, Stone Masonry Wall w/ Concrete Armour, Double Barrel RCBC (5.7mx2.80m), Curb and Gutter, and PCCP	Square Meters (m2)	498.66 Sq.m
P00800767LZ - CW1	S00634LZ	K0354+060	K0354+105	Chainage 38876	Chainage 38921	45	Construction of Road Slope Protection Structure	Breastwall and Stone Masonry Wall	Square Meters (m2)	409.00 Sq.m.
P00800767LZ - CW1	S00634LZ	K0356+996	K0356+1026	Chainage 41830	Chainage 41860	30	Construction of Road Slope Protection Structure	Double Crib Wall, and Stone Masonry Wall	Square Meters (m2)	229.62 Sq.m
P00800767LZ - CW1	S00634LZ	K0358+395	K0358+450	Chainage 43251	Chainage 43306	55	Construction of Road Slope Protection Structure	Crib Wall, Stone Masonry Wall	Square Meters (m2)	458.18 Sq.m
P00800767LZ - CW1	S00634LZ	K0360+114	K0360+166	Chainage 44835	Chainage 44887	52	Construction of Road Slope Protection Structure	Stone Masonry Wall, and Grouted Riprap	Square Meters (m2)	203.5 Sq.m
P00800767LZ - CW1	S00634LZ	K0360+647	K0360+707	Chainage 45368	Chainage 45428	60	Construction of Road Slope Protection Structure	Crib Wall	Square Meters (m2)	293.65 Sq.m
P00800767LZ - CW1	S00634LZ	K0360+717	K0360+757	Chainage 45438	Chainage 45478	40	Slope Protection	Crib Wall	Square Meters (m2)	299.44 Sq.m

ANNEX A: Project Work Location Details for National Roads

P00800767LZ - CW1	S00634LZ	K036+478	K0362+508	Chainage 47070	Chainage 47100	30	Slope Protection	Retaining Wall	Square Meters (m2)	195 Sq.m
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