



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



July 11, 2024

MEMORANDUM

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

ATTENTION : **REX K. OYA-OY**
OIC-District Engineer
Benguet Second District Engineering Office
Natubleng, Buguias, Benguet

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 - Secondary Roads Baguio-Bontoc Rd - **K0322+860 - K0323+037 - - - P4,310,000.00**

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: 06/20/2024

P/A/P 1 (001, 002, CSSP, LP):	Appropriation Source:	FY 2024 GAA
ORGANIZATIONAL OUTCOME 1 : Ensure Safe and Reliable National Road System	UACS:	310108101817000
P/A/P 2 (Program):	Project ID:	P00800758LZ
Asset Preservation Program	Region:	Cordillera Administrative Region
P/A/P 3 (Sub-Program):	Implementing Office:	Benguet 2nd District Engineering Office
Rehabilitation/ Reconstruction of Roads with Slips, Slope Collapse, and Landslide - Secondary Roads	Appropriation (Php):	4,310,000

Name of Project per GAA:

Baguio-Bontoc Rd - K0317 + 468 - K0317 + 566

Implementing Office
A Justification for
Modification:

- The change in station limit was deemed necessary to prioritize K0322+860 - K0323+037 since the whole right lane of this section collapsed during the previous monsoon. The restoration of this section was initially proposed under Calamity funds, however, it was not funded since it was submitted past the deadline. See attached straight line diagram.
- Also there is an existing gabion structure at K0317+468 - K0317+566 which can still protect the slope from failure thus, this station limit was deleted.
- The decrease in the unit cost is attributed to change in the design of the proposed slope protection structures from retaining wall to grouted riprap and stone masonry breastwall, resulting to the increase in the physical target.
- The change in the type of work from Rehabilitation/Major Repair of Road Slope Protection Structure to Construction of Road Slope Protection Structure was deemed necessary since the road will be widened to accommodate a one-lane gravel road.

A.1 ☒ Certificate of Reasonableness of Cost Estimateapproved by: RD Khadaffy D. Tanngol dated: May 08, 2024**B. PER PLANNING SERVICE EVALUATION**B.1 ☒ **PROJECT MODIFICATION ON PROJECT DESCRIPTION**B.1.1 ☐ Typographical Error/sB.1.2 ☐ Change in Location (for non-existent locations only)B.1.3 ☒ Change in Station LimitsB.1.4 ☐ Addition/ Deletion of Word/sB.2 ☒ **PROJECT MODIFICATION/ADJUSTMENTS ON PROJECT COMPONENTS**B.2.1 ☒ Change in TargetsB.2.3 ☐ Change in Component AmountB.2.2 ☒ Change in Scope of WorkB.2.3.1 ☐ Addition of Component (including excess amount)B.2.3.2 ☐ Deletion of ComponentB.2.3.3 ☐ Movement of Funds between Components**C. RESULTANT AFTER MODIFICATION**C.1 ☐ Additional Project Component/sC.2 Component/s:

COMP	SCOPE OF WORK		TARGET		INCREASE/DECREASE (%)	
	FROM	TO	FROM	TO	Unit Cost	Target
CW1	Rehabilitation / Major Repair of Road Slope Protection Structure	Construction of Road Slope Protection Structure	392.170 sq. meters	716.0 sq. meters	9.61%	-8.77% *
CW2	-	-	-	-	-	-
CW3	-	-	-	-	-	-
CW4	-	-	-	-	-	-

D. AS EVALUATEDD.1 ☒ ALLOWED as per the GAA ProvisionsD.2 ☐ NOT ALLOWED as per the GAA ProvisionsD.3 Remarks (to be filled-up by Planning Service):

- Decrease in Targets/ Increase in Unit Cost in comparison with the BOC Standard Unit Cost for Construction of Road Slope Protection Structure
- Change in Station Limit supported by SLD

Evaluated By:

ALEX A. BOTE
Director, Planning Service

Noted By:

CONSTANTE A. LANES JR., CESO III
Assistant Secretary, Planning Service and the Legislative Liaison Office**E. Approving Authority as per latest Approved Guidelines on Modification of Allotment under the GAA**E.1 ☐ SecretaryE.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



May 28, 2024

MEMORANDUM

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

This refers to the memorandum dated May 20, 2024 of **DPWH CAR Regional Director KHADAFFY D. TANGGOL**, endorsing the request of **OIC-District Engineer REX K. OYA-OY, Benguet Second District Engineering Office**, for the **modification** of the project under FY 2024 GAA, to wit;

As per GAA/Original			As Modified		
Project Description					
UACS No. : 310108101817000 Project ID: P00800758LZ OO1: Ensure Safe and Reliable National Road System - Asset Preservation - Rehabilitation/ Reconstruction of National Roads with Slips, Slope Collapse, and Landslide - Secondary Roads Baguio-Bontoc Rd - K0317 + 468 - K0317 + 566			 OO1: Ensure Safe and Reliable National Road System - Asset Preservation - Rehabilitation/ Reconstruction of National Roads with Slips, Slope Collapse, and Landslide - Secondary Roads Baguio-Bontoc Rd - K0322+860 - K0323+037		
Type of Work/ Physical Target	Unit Cost	Allocation	Type of Work/ Physical Target	Unit Cost	Estimated Cost
CW1- Rehabilitation / Major Repair of Road Slope Protection Structure / 392.17 square meters	₱ 10,770.33/ ✓ Square meter	₱ 4,223,800.00	CW1- Construction of Road Slope Protection Structure / 716 square meters	₱ 5,899.16 / ✓ Square meter	₱ 4,223,800.00
EAO	—	₱ 86,200.00	EAO	—	₱ 86,200.00
Total:		₱ 4,310,000.00	Total:		₱ 4,310,000.00

Justification:

The increase in physical target of CW1 from 392.17 square meters to 716 square meters, the change of the type of work from Rehabilitation/Major Repair of Road Slope Protection Structure to Construction of Road Slope Protection Structure, and the change in station limits are due to the following:

- The change in station limit was deemed necessary to prioritize K0322+860 – K0323+037 since the whole right lane of this section collapsed during the previous monsoon. The restoration of this section was initially proposed under Calamity funds, however, it was not funded since it was submitted past the deadline. See attached straight line diagram.
- Also there is an existing gabion structure at K0317+468 – K0317+566 which can still protect the slope from failure thus, this station limit was deleted.
- The decrease in the unit cost is attributed to change in the design of the proposed slope protection structures from retaining wall to grouted riprap and stone masonry breastwall, resulting to the increase in the physical target.
- The change in the type of work from Rehabilitation/Major Repair of Road Slope Protection Structure to Construction of Road Slope Protection Structure was deemed necessary since the road will be widened to accommodate a one-lane gravel road.

AU-CO-202405-01967

- The derived unit cost is based on the approved Program of Work (POW) with Detailed Unit Price Analysis (DUPA).
- See attached Certificate of Reasonableness of Estimates approved by the Regional Director.

Attached are the following supporting documents: RSM Annexes, Approved Program of Works (POW), Detailed Engineering Design (DED), Certificate of Availability of Funds, BP202, Geotagged Photos, GIS Map, Straight Line Diagram, Environmental Clearances, Source Map, Certificate of Reasonableness of Unit Cost.

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. PIHO, JR.

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



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



May 20, 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: 001: Ensure Safe and Reliable National Road System - Asset Preservation - Rehabilitation/ Reconstruction of National Roads with Slips, Slope Collapse, and Landslide - Secondary Roads - Baguio-Bontoc Rd - K0317 + 468 - K0317 + 566

We are respectfully forwarding the Memorandum dated May 13, 2024 from OIC-District Engineer Rex K. Oya-oy, Benguet 2nd District Engineering Office, regarding the modification of the above project in the amount of **Four Million Three Hundred Ten Thousand Pesos (Php 4,310,000.00)** as indicated below:

	FROM	TO
Project ID	P00800758LZ	
Project Title	Baguio-Bontoc Rd - K0317 + 468 - K0317 + 566	Baguio-Bontoc Rd - K0322+860 - K0323+037
Type of Work	CW1 - Rehabilitation / Major Repair of Road Slope Protection Structure	CW1 - Construction of Road Slope Protection Structure
Physical Target	CW1 - 392.170 Square Meters	CW1 - 716.000 Square Meters
Allocation	CW1 - Php 4,223,800.00 EAO - Php 86,200.00	CW1 - Php 4,223,800.00 EAO - Php 86,200.00

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 DLBC/EFD/JWC/AOD



Republic of the Philippines
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
BENGUET 2ND DISTRICT ENGINEERING OFFICE
Natubleng, Buguias, Benguet, Cordillera Administrative Region



May 13, 2024

MEMORANDUM

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

THRU : **ARNOLD O. DACWAG**
OIC - Chief, Planning and Design Division

SUBJECT : **Submission of Requirements for FY 2024 Modification of the project, Asset Preservation - Rehabilitation/ Reconstruction of National Roads with Slips, Slope Collapse, and Landslide - Secondary Roads Baguio-Bontoc Rd - K0317 + 468 - K0317 + 566**

Respectfully submitting the requirements for the modification of the FY 2024 project: "Asset Preservation - Rehabilitation/ Reconstruction of National Roads with Slips, Slope Collapse, and Landslide - Secondary Roads Baguio-Bontoc Rd - K0317 + 468 - K0317 + 566" for your endorsement.

FROM			TO		
Project Description					
UACS No. : 310108101817000 Project ID : P00800758LZ Asset Preservation - Rehabilitation/ Reconstruction of National Roads with Slips, Slope Collapse, and Landslide - Secondary Roads Baguio-Bontoc Rd - K0317 + 468 - K0317 + 566			Asset Preservation - Rehabilitation/ Reconstruction of National Roads with Slips, Slope Collapse, and Landslide - Secondary Roads Baguio-Bontoc Rd - K0322+860 - K0323+037		
Physical Target	Unit Cost	Allocation	Physical Target	Unit Cost	Allocation
CW-1: Rehabilitation / Major Repair of Road Slope Protection Structure			CW-1: Construction of Road Slope Protection Structure		
392.17 sq.m.	₱ 10,770.33	₱ 4,223,800.00	716 sq.m.	₱ 5,899.16	₱ 4,223,800.00
EAO (2%)		₱ 86,200	EAO (2%)		₱ 86,200
TOTAL		₱ 4,310,000	TOTAL		₱ 4,310,000

For your review.


REX K. OYA-OY
OIC – District Engineer

CAR.17.1/VBC/LDR/EPM

Modification Request Form

DPWH-QMSP-03-01 Rev 01

A. GENERAL					
1. REGION Cordillera Administrative Region		2. DEO Benguet Second District Engineering Office		3. LEGISLATIVE DISTRICT BENGUET (LONE DISTRICT)	
B. ORIGINAL PROJECT			C. PROPOSED REVISED PROJECT		
4. UACS (Unified Account Code Structure as defined in GAA) 310108101817000					
5. Project Id P00800758LZ					
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 - Secondary Roads					
8. Operating Unit Benguet Second District Engineering Office			18. Operating Unit (Change subject to DBM approval) Benguet Second District Engineering Office		
9. Type of Work (Enter Details for all Components below)			19. Type of Work (Enter Details for all Components below)		
Component ID	Type of Work		Component ID	Type of Work	
CW1	Rehabilitation / Major Repair of Road Slope Protection Structure		CW1	Construction of Road Slope Protection Structure	
10. PROJECT DESCRIPTION (as recorded in GAA) Baguio-Bontoc Rd - K0317 + 468 - K0317 + 566			20. PROJECT DESCRIPTION (of the revised project) Baguio-Bontoc Rd - K0322+860 - K0323+037		
11. ALLOTMENT (P'000) (as recorded in GAA) 4,310			21. REVISED ESTIMATED COST (P'000) (Equal to, or lower than GAA allotment) 4,310		22. CAF (To be obtained from Financial Management office) <input checked="" type="checkbox"/> YES
12. PHYSICAL TARGET (Enter Details for all Components below)			23. PHYSICAL TARGET (Enter Details for all Components below)		
Component ID	Target	Target Unit	Component ID	Target	Target Unit
CW1	392.17	Square Meters (m2)	CW1	716	Square Meters (m2)
13. UNIT COST (Enter Details for all Components below)			24. UNIT COST (Enter Details for all Components below)		
Component ID	Component Cost (P'000)	Target Unit Cost (P'000/Target Unit)	Component ID	Component Cost (P'000)	Target Unit Cost (P'000/Target Unit)
CW1	4,223.80	10.77033	CW1	4,223.80	5.89916
EAO	86.2		EAO	86.2	
14. PROJECT WORK LOCATION (Must be defined in strict accordance with DO 65 Series 2014) Rehabilitation / Major Repair of Road Slope Protection Structure - Secondary Roads Baguio-Bontoc Rd - K0317 + 468 - K0317 + 566 (S00375LZ)			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 MVUC) Construction of Road Slope Protection Structure - Secondary Roads Baguio-Bontoc Rd - K0322+860 - K0323+037 (S00375LZ)		
Start X		End X	Start X		End X
Start Y		End Y	Start Y		End Y
15. ROAD CLASSIFICATION (if applicable) Secondary Road			26. ROAD CLASSIFICATION (if applicable) Secondary Road		

Modification Request Form

DPWH-QMSP-03-01 Rev 01

16. IMPLEMENTING OFFICE (Record the Implementing Office of the original project) Benguet Second District Engineering Office		27. IMPLEMENTING OFFICE (Record the Implementing Office of the proposed revised project) Benguet Second District Engineering Office	
17. PROJECT IMPLEMENTATION PLAN (PIP)		28. PROJECT IMPLEMENTATION PLAN (PIP)	
Planned Start Date 05/20/2024	Planned End Date 08/14/2024	Planned Start Date 06/20/2024	Planned End Date 09/14/2024
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)

☐ NO
 ☐ YES
 ☒ N/A

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

The increase in physical target of CW1 from 392.17 square meters to 716 square meters, the change of the type of work from Rehabilitation/Major Repair of Road Slope Protection Structure to Construction of Road Slope Protection Structure, and the change in station limits are due to the following:

- The change in station limit was deemed necessary to prioritize K0322+860 – K0323+037 since the whole right lane of this section collapsed during the previous monsoon. The restoration of this section was initially proposed under Calamity however it was not funded since it was submitted past the deadline. See attached straight line diagram.*
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- The derived unit cost is based on the approved Program of Work (POW) with Detailed Unit Price Analysis (DUPA).*
- See attached Certificate of Reasonableness of Estimates approved by the Regional Director.*

Attached are the following supporting documents: RSM Annexes, Approved Program of Works (POW), Detailed Engineering Design (DED), Certificate of Availability of Funds, BP202, Geotagged Photos, GIS Map, Straight Line Diagram, Environmental Clearances, Source Map, Certificate of Reasonableness of Unit Cost and Evaluation of BOC.

33. PHOTOS SUBMITTED

☐ NO
 ☒ YES

34. A MAP OF THE PROPOSED PROJECT WORK LOCATION SUBMITTED

☐ NO
 ☒ YES

35. PREPARED BY:


Modification Request Form

DPWH-QMSP-03-01 Rev 01


35. PREPARED BY:

Name:	 VANESSA B. CHAN	Position:	Engineer II
Office:	Benguet 2nd District Engineering Office	Date:	

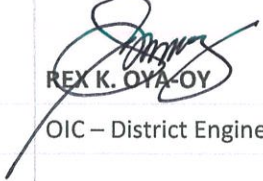
36. REVIEWED BY DISTRICT OFFICE (If Required)

Name:	 LAWRENCE D. ROMERO
Position:	OIC - Chief, Planning and Design Section
Date:	

38. REVIEWED BY REGIONAL OFFICE

Name:	 ARNOLD S. DACWAG
Position:	OIC - Chief, Planning and Design Division
Date:	

37. RECOMMENDED BY DISTRICT OFFICE (If Required)

Name:	 REX K. OYA-OY
Position:	OIC – District Engineer
Date:	

39. RECOMMENDED BY REGIONAL OFFICE

Name:	 KHADAFFY D. TANGGOL
Position:	Regional Director
Date:	

Modification Request Form

DPWH-QMSP-03-01 Rev 01

UACS (Unified Account Code Structure as defined in GAA)

310108101817000

Project Id

P00800758LZ

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 II
Date:	5/29/24	5/28/24

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:	Regional Coordinator	Position:	OIC - Chief of Programming Division
Date:	5/31/2024	Date:	

ANNEX A: Project Work Location Details for National Roads

Component ID	Section ID	Start Limit	End Limit	Start	End	Length	Type of Work	Detail Scope of Work	Target Unit	Physical Target
		LRP + Disp	LRP + Disp	Chainage	Chainage	(m)				
CW1	S00375LZ	K0322+860	K0323+037	14808	14960	152	Construction of Road Slope Protection Structure	Construction of Road Slope Protection Structure (Grouted Riprap & Stone Masonry Breastwall)	Square meters	716