



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

April 25, 2023

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 are the **APPROVED** requests for the **modification** of hereunder stated projects:

1. Organizational Outcome 1: Ensure Safe and Reliable National Road System - Asset Preservation - Rehabilitation/ Reconstruction of Roads with Slips, Slope Collapse, and Landslide - Secondary Roads Baguio-Bontoc Rd - K0317+820 - K0317+837, K0318+012 - K0318+049, K0318+052 - K0318+070, K0318+320 - **K0318+396**, K0320+345 - K0320+410 - - - **P 35,074,000.00**
2. Organizational Outcome 1: Ensure Safe and Reliable National Road System - Asset Preservation - Rehabilitation/ Reconstruction of Roads with Slips, Slope Collapse, and Landslide - Tertiary Roads Gov. Bado Dangwa National Rd - K0342+490 - K0342+505, **K0348+434 - K0348+530 - - - P8,000,000.00**
3. Organizational Outcome 1: Ensure Safe and Reliable National Road System - Asset Preservation - Rehabilitation/ Reconstruction of Roads with Slips, Slope Collapse, and Landslide - Secondary Roads Gov Bado Dangwa National Road - **K0287+070 - K0287+130**, Kapangan, Benguet - - - **P50,000,000.00**

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.

ADOR G. CANLAS

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

Programming Division Evaluation Sheet

Name of Project:

Project ID: **P00713146LZ**

Gov. Bado Dangwa National Rd - K0342 + 490 - K0342 + 505, K0350 + 840 - K0350 + 910

Appropriation: **8,000,000**Implementing Office: **Benguet 2nd District Engineering Office**Date: **04/12/2023****A. TYPE OF REQUEST****A.1** ☐ **Change in Implementing Office/Operating Unit due to**A.1.1 ☐ Geographical JurisdictionA.1.2 ☐ Approval of Authority to Bid/Implement**A.2** ☒ **PROJECT MODIFICATION/ADJUSTMENTS**A.2.1 ☐ Typographical Error/sA.2.2 ☐ Change in Location (for non-existent locations only)A.2.3 ☒ Change in Station LimitsA.2.4 ☐ Addition/Deletion of Word/sA.2.5 ☒ Change in Project Component/s DetailsA.2.5.1 ☒ Change in TargetsChange in Scope of Work from _____
to _____A.2.5.3 ☐ Change in Component AmountA.2.5.4 ☐ Addition of Component (incl. EXC Component)A.2.5.5 ☐ Deletion of ComponentA.2.5.6 ☐ Movement of Funds between Components**B. EVALUATION**B.1 ☒ ALLOWED as per the GAA ProvisionsB.2 ☐ NOT ALLOWED as per the GAA Provisions**C. FUND SOURCE FY 2023 GAA, R.A. 11936**C.1 ☐ for issuance of SARO (☐Released ☐Unreleased)

Amount: _____

C.2 ☒ released thru GAAAO**8,000,000****D. IMPACT:**

D.1 Condition/s: _____ % decrease in unit cost
 _____ 56.44 % increase in unit cost
 _____ 36.08 % decrease in physical target
 _____ % increase in physical target

D.2 ☐ Additional Project ComponentD.3 ☒ Certificate of Cost Reasonableness by RD

D.4 Remarks: _____

E. Approving Authority as per D.O. 13, s. 2023, Guidelines on Modification of Allotment under the GAAE.1 ☐ Undersecretary for OperationsE.2 ☒ Secretary

Evaluated By:

ALEX G. BOTE

Director, Planning Services

Noted By:

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

ACTION SLIP

Project ID:

P00713146LZ

Date: _____

FOR SECRETARY MANUEL M. BONOAN OR _____

REMARKS:

☒ Reviewed by Planning Service
☐ 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 30, 2023

MEMORANDUM

FOR : **MANUEL M. BONOAN**
Secretary
This Department

This refers to the memorandum dated March 29, 2023 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 2023 General Appropriations Act (GAA), to wit;

As per GAA/Original			As Modified		
Project Description					
UACS No.: 310109101275000 Project ID.: P00713146LZ Organizational Outcome 1: Ensure Safe and Reliable National Road System - Asset Preservation - Rehabilitation/ Reconstruction of Roads with Slips, Slope Collapse, and Landslide - Tertiary Roads Gov. Bado Dangwa National Rd - K0342+490 - K0342+505, K0350+840 - K0350+910			 Organizational Outcome 1: Ensure Safe and Reliable National Road System - Asset Preservation - Rehabilitation/ Reconstruction of Roads with Slips, Slope Collapse, and Landslide - Tertiary Roads Gov. Bado Dangwa National Rd - K0342+490 - K0342+505, K0348+434 - K0348+530		
Type of Work/ Physical Target	Unit Cost	Allocation	Type of Work/ Physical Target	Unit Cost	Estimated Cost
CW1 – Construction of Road Slope Protection Structure / 510 sq.m.	₱ 15,372.55/ sq.m.	₱ 7,840,000.00	CW1 – Construction of Road Slope Protection Structure / 326 sq.m.	₱ 24,049.08/ sq.m.	₱ 7,840,000.00
EAO	–	₱ 160,000.00	EAO	–	₱ 160,000.00
Total:		₱ 8,000,000.00	Total:		₱ 8,000,000.00
Justification: <i>Per POW, use of Stone Masonry/Structural Core</i> Change in station limits and decrease in physical target for CW1 - Construction of Road Slope Protection Structure from 510 square meters to 326 square meters due to the following: <ul style="list-style-type: none">The change in station limits was deemed essential due to the removal of station limit K0350+840 - K0350+910 since upon survey of the section it was noted that this section was already addressed by the FY2021 District Project.Addition of the identified critical section at station limit K0348+434 - K0348+530 to be protected since the extent of the damaged slope was aggravated during the onslaught of previous typhoons and to provide immediate protection to areas adjacent to these section that is exposed to rain and is unstable.Unit costs for CW1 increased due to the necessity to (1) include PCCP reconstruction in order to address the existing road cuts, (2) incorporate drainage works in order to properly divert surface run-off away from the road, and (3) paving of shoulders.The derived unit cost is based on the approved Program of Work (POW) and Detailed Unit Price Analysis (DUPA).See attached Certificate of Reasonableness of Cost Estimates signed by the Regional Director.					
Attached are the following supporting documents: Approved Program of Works (POW), Detailed Engineering Design (DED), Certificate of Availability of Funds, BP202, Geotagged Photos, GIS Map, Certificate of Reasonableness of Unit Cost, and RSM Annexes.					


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


ADOR G. CANLAS

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


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

APPROVED/~~DISAPPROVED~~:


MANUEL M. BONOAN
Secretary

2.3 mksa/MLS/AVS/AGC/ERP

Department of Public Works and Highways
Office of the Secretary



WIN3E02806



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

March 29, 2023

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: OO1: Ensure Safe and Reliable National Road System - Asset Preservation Program - Rehabilitation/ Reconstruction of Roads with Slips, Slope Collapse, and Landslide - Tertiary Roads - Gov. Bado Dangwa National Rd - K0342+490 - K0342+505, K0350+840 - K0350+910

We are respectfully forwarding the Memorandum dated March 28, 2023 from OIC-District Engineer Rex K. Oya-oy, Benguet Second District Engineering Office, regarding the modification of the above project in the amount of **Eight Million Pesos (Php 8,000,000.00)** as indicated below:

	FROM	TO
Project ID	P00713146LZ	
Project Title	Gov. Bado Dangwa National Rd - K0342+490 - K0342+505, K0350+840 - K0350+910	Gov. Bado Dangwa National Rd - K0342+490 - K0342+505, K0348+434 - K0348+530
Physical Target	510 Square Meters	326 Square Meters
Allocation	Php 8,000,000	Php 8,000,000

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/EPD/JWC/ABM



Republic of the Philippines
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
BENGUET SECOND
DISTRICT ENGINEERING OFFICE
CORDILLERA ADMINISTRATIVE REGION
Natublung, Buguias, Benguet

March 28, 2023

MEMORANDUM

FOR : KHADAFFY D. TANGGOL
Regional Director

THRU : ANGELITA B. MABITAZAN
Chief, Planning and Design Division

SUBJECT : Submission of Requirements for FY 2023 Modification of the project, Rehabilitation/ Reconstruction of Roads with Slips, Slope Collapse, and Landslide - Tertiary Roads - Gov. Bado Dangwa National Rd - K0342+490 - K0342+505, K0350+840 - K0350+910

Respectfully submitting the requirements for the modification of the FY 2023 project: "Rehabilitation/ Reconstruction of Roads with Slips, Slope Collapse, and Landslide - Tertiary Roads - Gov. Bado Dangwa National Rd - K0342+490 - K0342+505, K0350+840 - K0350+910" for your endorsement.

FROM		TO	
Project Description:			
UACS No.: 310109101275000			
Project ID.: P00713146LZ			
Asset Preservation Program - Rehabilitation/ Reconstruction of Roads with Slips, Slope Collapse, and Landslide - Tertiary Roads		Asset Preservation Program - Rehabilitation/ Reconstruction of Roads with Slips, Slope Collapse, and Landslide - Tertiary Roads	
Gov. Bado Dangwa National Rd - K0342+490 - K0342+505, K0350+840 - K0350+910		Gov. Bado Dangwa National Rd - K0342+490 - K0342+505, K0348+434 - K0348+530	
Physical Target	Allocation (PhP)	Physical Target	Allocation (PhP)
CW-1: Construction of Road Slope Protection Structure		CW-1: Construction of Road Slope Protection Structure	
510 square meter	7,840,000.00	326 square meter	7,840,000.00
EAO (2%)	160,000.00	EAO (2%)	160,000.00
Total:	8,000,000.00	Total:	8,000,000.00

For your review.


REX K. OYA-OY
OIC - District Engineer

CAR 17.1 VBC/MBB/RKO

Tables for Modification Request Form

A. GENERAL

1. REGION Cordillera Administrative Region	2. DEO Benguet Second District Engineering Office	3. LEGISLATIVE DISTRICT BENGUET (LONE DISTRICT)
--	---	---

B. ORIGINAL PROJECT

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

310109101275000

5. Project Id

P00713146LZ

6. Project Category

OO1: Ensure Safe and Reliable National Road System

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

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

8. Operating Unit

Benguet 2nd District Engineering Office

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

Component ID	Type of Work
CW1	Construction of Road Slope Protection Structure

10. PROJECT DESCRIPTION (as recorded in GAA)

Gov. Bado Dangwa National Rd - K0342+490 - K0342+505, K0350+840 - K0350+910

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

8,000

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

Component ID	Target	Target Unit
CW1	510	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)
CW1	7,840.000	15.37255
EAO	160.000	

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

Start X	End X
Start Y	End Y

15. ROAD CLASSIFICATION (if applicable)

Tertiary Road

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

Benguet 2nd District Engineering Office

C. PROPOSED REVISED PROJECT

18. Operating Unit (Change subject to DBM approval)

Benguet 2nd District Engineering Office

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

Component ID	Type of Work
CW1	Construction of Road Slope Protection Structure

20. PROJECT DESCRIPTION (of the revised project)

Gov. Bado Dangwa National Rd - K0342+490 - K0342+505, ~~K0348+434 - K0348+530~~

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

8,000 ✓

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

☒ YES

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

Component ID	Target	Target Unit
CW1	326 ✓	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)
CW1	7,840.000 ✓	24.04908 ✓
EAO	160.000 ✓	

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	End X
Start Y	End Y

26. ROAD CLASSIFICATION (if applicable)

Tertiary Road

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

Benguet 2nd District Engineering Office

Tables for Modification Request Form

17. PROJECT IMPLEMENTATION PLAN (PIP)		28. PROJECT IMPLEMENTATION PLAN (PIP)	
Planned Start Date	Planned End Date	Planned Start Date	Planned End Date
04/03/2023	10/20/2023	04/03/2023	10/20/2023
		29. OVERLAP?	30. UNDER WARRANTY?
		<input checked="" type="checkbox"/> NO <input type="checkbox"/> YES	<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)

Change in station limits and decrease in physical target for CW1 - Construction of Road Slope Protection Structure from 510 square meters to 326 square meters due to the following:

- The change in station limits was deemed essential due to the removal of station limit K0350+840 - K0350+910 since upon survey of the section it was noted that this section was already addressed by the FY2021 District Project.*
- Addition of the identified critical section at station limit K0348+434 - K0348+530 to be protected since the extent of the damaged slope was aggravated during the onslaught of previous typhoons and to provide immediate protection to areas adjacent to these section that is exposed to rain and is unstable.*
- Unit costs for CW1 increased due to the necessity to (1) include PCCP reconstruction in order to address the existing road cuts, (2) incorporate drainage works in order to properly divert surface run-off away from the road, (3) construct road safety features such as concrete barriers in order to ensure safety of motorists, and (4) paving of shoulders.*
- The derived unit cost is based on the approved Program of Work (POW) and Detailed Unit Price Analysis (DUPA).*
- See attached Certificate of Reasonableness of Cost Estimates approved by the Regional Director.*

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

33. PHOTOS SUBMITTED

☐ NO ☒ YES

34. A MAP OF THE PROPOSED PROJECT WORK LOCATION SUBMITTED

☐ NO ☒ YES

Tables for Modification Request Form

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:	 MARJORY B. BANAQ	Position:	OIC - Chief, Planning and Design Section
Date:		Date:	

38. REVIEWED BY REGIONAL OFFICE

Name:	 ANGELITA B. MABITAZAN	Position:	Chief, Planning and Design Division
Date:		Date:	

37. RECOMMENDED BY DISTRICT OFFICE (If Required)

Name:	 REX K. OYASOY	Position:	OIC – District Engineer
Date:		Date:	

39. RECOMMENDED BY REGIONAL OFFICE

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

Tables for Modification Request Form

UACS (Unified Account Code Structure as defined in GAA)

310109101275000

Project Id

P00713146LZ

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 checked="" type="checkbox"/> Change in Station Limits <input checked="" 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:	3/30/23	3/30/23

41. DPWH PLANNING SERVICE

Category of Modification (please check the appropriate)	<input type="checkbox"/> Category A – Typographical Error <input checked="" 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
---	---

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:	04.12.23	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)				
CW-1	S00376LZ	K0342+490	K0342+505	24469	24484		15	Construction of Road Slope Protection Structure	1. Slope protection works (Retaining Wall (LS)), 2. Drainage works (Curb and Gutter (LS)) 3. PCCP Reconstruction (Both lane); and 4. Paving of Shoulder (LS)	square meter	128
CW-1	S00376LZ	K0348+434	K0348+530	30304	30400		96	Construction of Road Slope Protection Structure	1. Slope protection works (Stone Masonry with L-type Barrier (LS)) 2. Road Safety works (L-Type Barrier (LS)); and 3. PCCP Reconstruction (Both lane)	square meter	198