



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

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 Roads with Slips, Slope Collapse, and Landslide - Secondary Roads Banaue-Mayoyao-Alfonso Lista-Isabela Bndry Rd, **K0351 + 160 - K0351 + 260, K0351 + 300 - K0351 + 400**, Banaue, Ifugao - - - **₱120,000,000.00**

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

2.3 mksa/AVS/AGC/ERP

**Programming Division Evaluation Sheet**

Name of Project:

Project ID: **P00715120LZ**

Banaue-Mayoyao-Alfonso Lista-Isabela Bndry Rd, K0350 + 660 - K0350 + 775, Banaue, Ifugao

Appropriation: **120,000,000**

Implementing Office: **Regional Office CAR**

Date: **04/12/2023**

**A. TYPE OF REQUEST**

**A.1** ☐ **Change in Implementing Office/Operating Unit due to**

A.1.1 ☐ Geographical Jurisdiction

A.1.2 ☐ Approval of Authority to Bid/Implement

**A.2** ☒ **PROJECT MODIFICATION/ADJUSTMENTS**

A.2.1 ☐ Typographical Error/s

A.2.2 ☐ Change in Location (for non-existent locations only)

A.2.3 ☒ Change in Station Limits

A.2.4 ☐ Addition/Deletion of Word/s

A.2.5 ☒ Change in Project Component/s Details

A.2.5.1 ☒ Change in Targets

☐ Change in Scope of Work

from \_\_\_\_\_  
to \_\_\_\_\_

A.2.5.3 ☐ Change in Component Amount

A.2.5.4 ☐ Addition of Component (incl. EXC Component)

A.2.5.5 ☐ Deletion of Component

A.2.5.6 ☐ Movement of Funds between Components



**B. EVALUATION**

B.1 ☒ ALLOWED as per the GAA Provisions

B.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)

C.2 ☐ released thru GAAAO

Amount: **120,000,000**

**D. IMPACT:**

D.1 Condition/s: \_\_\_\_\_ % decrease in unit cost  
49.68 % increase in unit cost  
33.19 % decrease in physical target  
\_\_\_\_\_ % increase in physical target

D.2 ☐ Additional Project Component

D.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 GAA**

E.1 ☐ Undersecretary for Operations

E.2 ☒ Secretary

Evaluated By:

**ALEX G. BOTE**

Director, Planning Service

Noted By:

**CONSTANTE A. LLANES, JR., CESO III**

Assistant Secretary, Planning Service

**ACTION SLIP**

Project ID: **P00715120LZ**

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

April 4, 2023

**MEMORANDUM**

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

This refers to the memorandum dated 20 March 2023 of **DPWH CAR Regional Director KHADAFFY D. TANGGOL**, requesting for the **modification** of the project under FY 2023 GAA, to wit;

As per GAA/Original			As Modified		
Project Description					
UACS No.: 310108101312000 Project ID: P00715120LZ  OO1: Ensure Safe and Reliable National Road System - Asset Preservation - Rehabilitation/ Reconstruction of Roads with Slips, Slope Collapse, and Landslide - Secondary Roads  Banaue-Mayoyao-Alfonso Lista-Isabela Bndry Rd, K0350 + 660 - K0350 + 775, Banaue, Ifugao			OO1: Ensure Safe and Reliable National Road System - Asset Preservation - Rehabilitation/ Reconstruction of Roads with Slips, Slope Collapse, and Landslide - Secondary Roads  Banaue-Mayoyao-Alfonso Lista-Isabela Bndry Rd, <b>K0351 + 160 - K0351 + 260, K0351 + 300 - K0351 + 400</b> , Banaue, 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 / 6,666.67 sq.m.	₱ 17,369.99/ sq.m.	₱ 115,800,000.00	CW1- Construction of Road Slope Protection Structure / <b>4,454</b> sq.m.	₱ <b>25,999.10</b> / sq.m.	₱ 115,800,000.00
EAO	—	₱ 4,200,000.00	EAO	—	₱ 4,200,000.00
Total:		₱ 120,000,000.00	Total:		₱ 120,000,000.00
<b>Justification:</b> Change in Station Limits in the Project Description and Decrease in physical target for CW1 - Construction of Road Slope Protection Structure from 6,666.67 Square Meters to 4,454 Square Meters due to the following: <ul style="list-style-type: none"><li>The change in station limits was deemed necessary due to an overlap with the FY 2022 Infrastructure Project of the Ifugao Second District Engineering Office. As such, an adjacent critical road section requiring immediate slope intervention was identified and considered.</li><li>The decrease in the physical target/ increase in unit cost for CW1 is due to the design length of 5-meter permanent ground anchors as recommended in the design analysis. The project utilized the Erosion Control Mat (Type 4), Permanent Ground Anchor, Hydroseeding and <b>Active Wire Mesh System (High Tensile)</b> which contributed to the increase in unit cost thereon causing a deduction in the target area of the proposed slope protection.</li><li>The derived unit cost is based on the approved Program of Work (POW) with Detailed Unit Price Analysis (DUPA).</li></ul> 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, <b>Certificate of Reasonableness</b> , Evaluation of the Bureau of Construction on the unit cost of the similar type projects, RSM Forms and GIS Map.					



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

  
**ADOR G. SANLAS**

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. PIHO, JR.**

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

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

  
**MANUEL M. BONOAN**  
Secretary

Department of Public Works and Highways  
Office of the Secretary



WIN3E02790

2.3 mksa/MLS/AVS/AGC/ERP



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

March 20, 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 the 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 - Secondary Roads - Banaue-Mayoyao-Alfonso Lista-Isabela Bndry Rd, K0350 + 660 - K0350 + 775, Banaue, Ifugao**

We are respectfully submitting the modification of the above project in the amount of **One Hundred Twenty Million Pesos (Php 120,000,000.00)**, as indicated below:

	As per GAA/Original	As Modified
Project ID	P00715120LZ	
UACS	310108101312000	
Project Title	Banaue-Mayoyao-Alfonso Lista-Isabela Bndry Rd, <b>K0350 + 660 - K0350 + 775,</b> Banaue, Ifugao	Banaue-Mayoyao-Alfonso Lista-Isabela Bndry Rd, <b>K0351 + 160 - K0351 + 260,</b> <b>K0351 + 300 - K0351 + 400,</b> Banaue, Ifugao
Physical Target	<b>6,666.670</b> Square meters	<b>4,454.000</b> Square meters

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 CSCE/EFD/JWC/ABM

## Modification Request Form

### A. GENERAL

**1. REGION**

Cordillera Administrative Region

**2. DEO**

Ifugao Second District Engineering Office

**3. LEGISLATIVE DISTRICT**

IFUGAO (LONE DISTRICT)

### B. ORIGINAL PROJECT

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

310108101312000

**5. Project Id**

P00715120LZ

**6. Project Category**

OO1: Ensure Safe and Reliable National Road System

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

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

**8. Operating Unit**

Central Office

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

Central Office

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

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

**19. 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)

Banaue-Mayoyao-Alfonso Lista-Isabela Bndry Rd, **K0350 + 660 - K0350 + 775**, Banaue, Ifugao

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

Banaue-Mayoyao-Alfonso Lista-Isabela Bndry Rd, **K0351 + 160 - K0351 + 260, K0351 + 300 - K0351 + 400**, Banaue, Ifugao

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

120,000

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

120,000

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

☒ YES

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

Component ID	Target	Target Unit
CW1	6,666.670	Square Meters (m2)

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

Component ID	Target	Target Unit
CW1	4,454.000	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)
CW1	115,800.000	17.36999
EAO	4,200.000	

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

Component ID	Component Cost (P'000)	Target Unit Cost (P'000/Target Unit)
CW1	115,800.000	25.99910
EAO	4,200.000	



## Modification Request Form

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

Click here to enter text.

Start X

End X

Start Y

End Y

**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.**)

Click here to enter text.

Start X

End X

Start Y

End Y

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

Secondary Road

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

Secondary Road

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

Cordillera Administrative Region

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

Cordillera Administrative Region

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

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

**Planned Start Date**

05/21/2023

**Planned End Date**

04/14/2024

**Planned Start Date**

05/21/2023

**Planned End Date**

04/14/2024

**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)

*Change in Station Limits in the Project Description and Decrease in physical target for CW1 - Construction of Road Slope Protection Structure from 6,666.67 Square Meters to 4,454 Square Meters due to the following:*

- *The change in station limits was deemed necessary due to an overlap with the FY 2022 Infrastructure Project of the Ifugao Second District Engineering Office. As such, an adjacent critical road section requiring immediate slope intervention was identified and considered.*
- *The decrease in the physical target/ increase in unit cost for CW1 is due to the design length of 5-meter permanent ground anchors as recommended in the design analysis. The project utilized the Erosion Control Mat (Type 4), Permanent Ground Anchor, Hydroseeding and Active Wire Mesh System (High Tensile) which contributed to the increase in unit cost thereon causing a deduction in the target area of the proposed slope protection.*
- *The derived unit cost is based on the approved Program of Work (POW) with Detailed Unit Price Analysis (DUPA).*

*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, Certificate of Reasonableness, Evaluation of the Bureau of Construction on the unit cost of the similar type projects, RSM Forms and GIS Map.*

**33. PHOTOS SUBMITTED**

☐ NO

☒ YES

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

☐ NO

☒ YES

## Modification Request Form

### 35. PREPARED BY:

Name:

  
ERLINDA F. DOLIENTE

Position: Chief, Planning Section

Office:

Planning and Design Division

Date:

### 36. REVIEWED BY DISTRICT OFFICE (If Required)

Name:

Position:

Date:

### 38. REVIEWED BY REGIONAL OFFICE

Name:

  
ANGELITA B. MABITAZAN

Position: Chief, Planning and Design Division

Date:

### 37. RECOMMENDED BY DISTRICT OFFICE (If Required)

Name:

Position:

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)

310108101312000

**Project Id**

P00715120LZ

### 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

<b>Name:</b>	Engr. MANUEL L. SINGSON	<b>Name:</b>	Engr. ANTONIO V. SOBREVÍÑAS, JR.
<b>Signature</b>		<b>Signature</b>	
<b>Position:</b>	Project Manager I	<b>Position:</b>	Project Manager II
<b>Date:</b>	4/4/23	<b>Date:</b>	4/4/23

### 41. DPWH PLANNING SERVICE

<b>Category of Modification</b> (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
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Reviewed by Planning Service

<b>Name:</b>	ANNA ANDREA M. NOCHE	<b>Name:</b>	PETER PAUL R. CORTEZ
<b>Signature</b>		<b>Signature:</b>	
<b>Position:</b>	Regional Coordinator	<b>Position:</b>	OIC - Chief of Programming Division
<b>Date:</b>	04.12.23	<b>Date:</b>	

### 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
P00715120LZ - CW1	S00480LZ	K0351+160	K0351+260	10510	10610	100	Construction of Road Slope Protection Structure	Active Wire Mesh System (High Tensile) (L/S)	Square Meters	2254
P00715120LZ - CW1	S00480LZ	K0351+300	K0351+400	10650	10750	100	Construction of Road Slope Protection Structure	Active Wire Mesh System (High Tensile) (L/S)	Square Meters	2200