



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 :** **JOSELITO T. ARAO**  
District Engineer  
Abra District Engineering Office  
Bangued, Abra

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 Abra-Kalinga Rd – **K0489 + 460 – K0489 + 630 - - - P100,000,000.00**

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: **P00715103LZ**

Abra-Kalinga Rd - K0438 + 250 - K0489 + 350

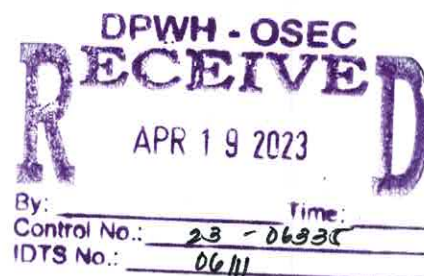
Appropriation: 100,000,000

Implementing Office: Abra District Engineering Office

Date: 04/04/2023

**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 TargetsA.2.5.2 ☐ Change 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: 100,000,000

C.2 ☐ released thru GAAAO**D. IMPACT:**

D.1 Condition/s: \_\_\_\_\_ % decrease in unit cost

55.31 % increase in unit cost

35.61 % 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 GAA**E.1 ☐ Undersecretary for OperationsE.2 ☒ Secretary

Evaluated By:

ALEX G. BOTE  
Director, Planning Service

Noted By:

CONSTANTE A. LLANES, JR., CESO III  
Assistant Secretary, Planning ServiceProject ID: **P00715103LZ**

FOR THE SECRETARY

REMARKS:

- ☒ Reviewed by Planning Service
- ☐ Recommended for Approval
- ☐ Remarks: \_\_\_\_\_

ACTION SLIP

w/ERP

Date: \_\_\_\_\_

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 29 March 2023 of **DPWH CAR Regional Director KHADAFFY D. TANGGOL**, endorsing the request of District Engineer **JOSELITO T. ARAO** of **Abra District Engineering Office** for the **modification** of the project under FY 2023 GAA, to wit;

As per GAA/Original			As Modified		
Project Description					
<b>UACS No.: 310108101295000</b> <b>Project ID: P00715103LZ</b>  OO1: Ensure Safe and Reliable National Road System - Asset Preservation - Rehabilitation/ Reconstruction of Roads with Slips, Slope Collapse, and Landslide - Secondary Roads  Abra-Kalinga Rd - K0438 + 250 – K0489 + 350			  OO1: Ensure Safe and Reliable National Road System - Asset Preservation - Rehabilitation/ Reconstruction of Roads with Slips, Slope Collapse, and Landslide - Secondary Roads  Abra-Kalinga Rd – <b>K0489 + 460 – K0489 + 630</b>		
Type of Work/ Physical Target	Unit Cost	Allocation	Type of Work/ Physical Target	Unit Cost	Estimated Cost
CW1- Construction of Road Slope Protection Structure / 5,555.56 sq.m.	₱ 17,369.99/ sq.m.	₱ 96,500,000.00	CW1- Construction of Road Slope Protection Structure / <b>3,577</b> sq.m.	₱ <b>26,977.91/</b> sq.m.	₱ 96,500,000.00
EAO	–	₱ 3,500,000.00	EAO	–	₱ 3,500,000.00
Total:		₱ 100,000,000.00	Total:		₱ 100,000,000.00

**Justification:**

Change in Station Limits in the Project Description and Decrease in physical target for CW1 - Construction of Road Slope Protection Structure from 5,555.56 Square Meters to 3,577 Square Meters due to the following:

- Change in station limit to avoid an overlap with station limits on projects of the same scope of work for FY 2023 with project ID numbers P00715102LZ, P00715099LZ and P00715104LZ and to reflect the exact section that require immediate slope mitigation due to its susceptibility to soil/ rock collapse.
- 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.




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. 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



WIN3E02799

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 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 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 - Abra-  
Kalinga Rd - K0438 + 250 - K0489 + 350**

We are respectfully forwarding the Memorandum dated March 21, 2023 from **District Engineer JOSELITO T. ARAO, Abra District Engineering Office**, regarding the above subject in the amount of **One Hundred Million Pesos (Php 100,000,000.00)**, as indicated below:

	As per GAA/Original	As Modified
Project ID	<b>P00715103LZ</b>	
UACS	<b>310108101295000</b>	
Project Title	Abra-Kalinga Rd – <b>K0438 + 250 - K0489 + 350</b>	Abra-Kalinga Rd – <b>K0489 + 460 - K0489 + 630</b>
Physical Target	<b>5,555.560</b> Square meters	<b>3577.000</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 TPIL/EFD/JWC/ABM



Republic of the Philippines  
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS  
**ABRA**  
**DISTRICT ENGINEERING OFFICE**  
CORDILLERA ADMINISTRATIVE REGION  
Bangued, Abra

March 21, 2023

**MEMORANDUM**

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

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

**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, Abra-Kalinga Rd - K0438 + 250 - K0489 + 350**

We are respectfully submitting for review and evaluation the above-mentioned subject for Modification, amounting to **One Hundred Million Pesos (Php 100,000,000.00)**, as indicated below:

**FROM**  
Project Title:  
Abra-Kalinga Rd - **K0438 + 250 - K0489 + 350**

Physical Target:  
CW1 – **5555.56** Square Meters

**TO**  
Project Title:  
Abra-Kalinga Rd - **K0489 + 460 - K0489 + 630**

Physical Target:  
CW1 – **3577** Square Meters

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

**JOSELITO T. ARAO**  
District Engineer

CAR.8.1 MDD/CLAR/JTA



## Modification Request Form

### A. GENERAL

<b>1. REGION</b> Cordillera Administrative Region	<b>2. DEO</b> Abra District Engineering Office	<b>3. LEGISLATIVE DISTRICT</b> Abra Lone District
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### B. ORIGINAL PROJECT

### C. PROPOSED REVISED PROJECT

<b>4. UACS</b> (Unified Account Code Structure as defined in GAA) 310108101295000 ✓					
<b>5. Project Id</b> P00715103LZ ✓					
<b>6. Project Category</b> 001: Ensure Safe and Reliable National Road System ✓					
<b>7. Sub-Program (P/A/P)</b> Asset Preservation - Rehabilitation/ Reconstruction of National Roads with Slips, Slope Collapse, and Landslide - Secondary Roads ✓					
<b>8. Operating Unit</b> Central Office			<b>18. Operating Unit</b> (Change subject to DBM approval) Central Office		
<b>9. Type of Work</b> (Enter Details for all Components below)			<b>19. Type of Work</b> (Enter Details for all Components below)		
<b>Component ID</b>	<b>Type of Work</b>		<b>Component ID</b>	<b>Type of Work</b>	
CW1	Construction of Road Slope Protection Structure		CW1	Construction of Road Slope Protection Structure	
EAO	Choose an item.		EAO	Choose an item.	
Click here to enter text.	Choose an item.		Click here to enter text.	Choose an item.	
Click here to enter text.	Choose an item.		Click here to enter text.	Choose an item.	
<b>10. PROJECT DESCRIPTION</b> (as recorded in GAA) Abra-Kalinga Rd - K0438 + 250 - K0489 + 350 ✓			<b>20. PROJECT DESCRIPTION</b> (of the revised project) Abra-Kalinga Rd - K0489 + 460 - K0489 + 630 ✓		
<b>11. ALLOTMENT (P'000)</b> (as recorded in GAA) 100 000			<b>21. REVISED ESTIMATED COST (P'000)</b> (Equal to, or lower than GAA allotment) 100 000		<b>22. CAF</b> (To be obtained from Financial Management office) <input type="checkbox"/> YES
<b>12. PHYSICAL TARGET</b> (Enter Details for all Components below)			<b>23. PHYSICAL TARGET</b> (Enter Details for all Components below)		
<b>Component ID</b>	<b>Target</b>	<b>Target Unit</b>	<b>Component ID</b>	<b>Target</b>	<b>Target Unit</b>
CW1	5555.56 ✓	Square Meters (m2) ✓	CW1	3577 ✓	Square Meters (m2) ✓
EAO	Click here to enter text.	Choose an item.	EAO	Click here to enter text.	Choose an item.
Click here to enter text.	Click here to enter text.	Choose an item.	Click here to enter text.	Click here to enter text.	Choose an item.
Click here to enter text.	Click here to enter text.	Choose an item.	Click here to enter text.	Click here to enter text.	Choose an item.
<b>13. UNIT COST</b> (Enter Details for all Components below)			<b>24. UNIT COST</b> (Enter Details for all Components below)		
<b>Component ID</b>	<b>Component Cost (P'000)</b>	<b>Target Unit Cost (P'000/Target Unit)</b>	<b>Component ID</b>	<b>Component Cost (P'000)</b>	<b>Target Unit Cost (P'000/Target Unit)</b>
CW1	96500 ✓	17.36999 ✓	CW1	96500 ✓	26.97791 ✓
EAO	3500 ✓	Click here to enter text.	EAO	3500 ✓	Click here to enter text.
Click here to enter text.	Click here to enter text.	Click here to enter text.	Click here to enter text.	Click here to enter text.	Click here to enter text.

## Modification Request Form

Click here to enter text.	Click here to enter text.	Click here to enter text.	Click here to enter text.	Click here to enter text.	Click here to enter text.
<b>14. PROJECT WORK LOCATION</b> (Must be defined in strict accordance with DO 65 Series 2014) Click here to enter text.			<b>25. PROJECT WORK LOCATION</b> (Must be defined in strict accordance with DO 65 Series 2014. <b>Also complete "ANNEX A" for National Road projects under OO-1</b> ) Click here to enter text.		
<b>Start X</b>	120.80514	<b>End X</b>	120.99233	<b>Start X</b>	120.99314
<b>End X</b>		<b>Start Y</b>	120.99432	<b>End Y</b>	120.99432
<b>Start Y</b>	17.59794	<b>End Y</b>	17.49159	<b>Start Y</b>	17.49099
<b>End Y</b>		<b>Start Y</b>	17.49099	<b>End Y</b>	17.49091
<b>15. ROAD CLASSIFICATION</b> (if applicable) Choose an item.			<b>26. ROAD CLASSIFICATION</b> (if applicable) Choose an item.		
<b>16. IMPLEMENTING OFFICE</b> (Record the Implementing Office of the original project) Abra District Engineering Office			<b>27. IMPLEMENTING OFFICE</b> (Record the Implementing Office of the proposed revised project) Abra District Engineering Office		
<b>17. PROJECT IMPLEMENTATION PLAN (PIP)</b>			<b>28. PROJECT IMPLEMENTATION PLAN (PIP)</b>		
<b>Planned Start Date</b>		<b>Planned End Date</b>		<b>Planned Start Date</b>	
April 3, 2023		December 28, 2023		April 3, 2023	
<b>Planned End Date</b>		<b>Planned Start Date</b>		<b>Planned End Date</b>	
				December 28, 2023	
<b>29. OVERLAP?</b> <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES			<b>30. UNDER WARRANTY?</b> <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 in the Project Description and Decrease in physical target for CW1 - Construction of Road Slope Protection Structure from 5,555.56 Square Meters to 3,577 Square Meters due to the following:

- Change in station limit to avoid an overlap with station limits on projects of the same scope of work for FY 2023 with project ID numbers P00715102LZ, P00715099LZ and P00715104LZ and to reflect the exact section that require immediate slope mitigation due to its susceptibility to soil/ rock collapse.
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- 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

<b>35. PREPARED BY:</b>			
<b>Name:</b>	MELGIE JONES D. JAVIER	<b>Position:</b>	ENGINEER II
<b>Office:</b>	Abra District Engineering Office	<b>Date:</b>	Click here to enter a date.
<b>36. REVIEWED BY DISTRICT OFFICE (If Required)</b>		<b>38. REVIEWED BY REGIONAL OFFICE</b>	
<b>Name:</b>	CHONA LUISA A. RAMOS	<b>Name:</b>	ANGELITA B. MARITAZAN
<b>Position:</b>	Chief, Planning and Design Section	<b>Position:</b>	Chief, Planning and Design Division
<b>Date:</b>		<b>Date:</b>	
<b>37. RECOMMENDED BY DISTRICT OFFICE (If Required)</b>		<b>39. RECOMMENDED BY REGIONAL OFFICE</b>	
<b>Name:</b>	JOSELITO T. ARAO	<b>Name:</b>	KHADAFI D. TANGGOL
<b>Position:</b>	District Engineer	<b>Position:</b>	Regional Director
<b>Date:</b>		<b>Date:</b>	

## Modification Request Form

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

310108101295000

**Project Id**

P00715103LZ

### 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

<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>	3/30/22	<b>Date:</b>	3/30/23

### 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>	04-04-23	<b>Date:</b>	

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

[illegible]