



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

April 4, 2023

MEMORANDUM

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

This refers to the memorandum dated 30 March 2023 of **DPWH CAR Regional Director KHADAFFY D. TANGGOL**, endorsing the request of **District Engineer RUBY A. UYAM, Lower Kalinga District Engineering Office**, for the **modification** of the project under FY 2023 GAA, to wit;

As per GAA/Original			As Modified		
Project Description					
UACS No. 310108101320000 Project ID: P00713056LZ					
OO1: Ensure Safe and Reliable National Road System - Asset Preservation - Rehabilitation/ Reconstruction of Roads with Slips, Slope Collapse, and Landslide - Secondary Roads			OO1: Ensure Safe and Reliable National Road System - Asset Preservation - Rehabilitation/ Reconstruction of Roads with Slips, Slope Collapse, and Landslide - Secondary Roads		
Mt Province Bdry-Calanan-Pinukpuk-Abbut Rd (Pinukpuk-Abbut Sect) - K0529 + 272 - K0529 + 312			Mt Province Bdry-Calanan-Pinukpuk-Abbut Rd (Pinukpuk-Abbut Sect) - K0529 + 164 - K0529 + 212		
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 Square meters	₱ 17,369.99/ Square meters	₱ 96,500,000.00	CW1- Construction of Road Slope Protection Structure / 4650 Square meters	₱ 20,752.69/ Square meters	₱ 96,500,000.00
EAO	–	₱ 3,500,000.00	EAO	–	₱ 3,500,000.00
Total:		₱ 100,00,000.00	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 4,650 Square Meters due to the following: <ul style="list-style-type: none">The change in station limits is to synchronize with the decrease in the Physical Target and connect with the existing RSMS project from CY2022.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, GIS Map, RSM Forms and Certification of No overlapping (Certified by the District Engineer, 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.



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 PPP Services

APPROVED/~~DISAPPROVED~~:



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

Programming Division Evaluation Sheet

Name of Project:

Project ID: **P00713056LZ**

Mt Province Bdry-Calanan-Pinukpuk-Abbut Rd (Pinukpuk-Abbut Sect) - K0529 + 272 - K0529 + 312

Appropriation: **100,000,000**Implementing Office: **Lower Kalinga 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 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: _____

C.2 ☒ released thru GAAAO**100,000,000****D. IMPACT:**

D.1 Condition/s: _____ % decrease in unit cost
 _____ 19.47 % increase in unit cost
 _____ 16.30 % 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 Service

Noted By:

CONSTANTE A. LLANES, JR., CESO III

Assistant Secretary, Planning Service

ACTION SLIP

Project ID:

P00713056LZ

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

Tables for Modification Request Form

A. GENERAL					
1. REGION Cordillera Administrative Region		2. DEO Lower Kalinga District Engineering Office		3. LEGISLATIVE DISTRICT KALINGA (LONE DISTRICT)	
B. ORIGINAL PROJECT			C. PROPOSED REVISED PROJECT		
4. UACS (Unified Account Code Structure as defined in GAA) 310108101320000					
5. Project Id P00713056LZ					
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 Lower Kalinga District Engineering Office			18. Operating Unit (Change subject to DBM approval) Lower Kalinga 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	Construction of Road Slope Protection Structure		CW1	Construction of Road Slope Protection Structure	
10. PROJECT DESCRIPTION (as recorded in GAA) Mt Province Bdry-Calanan-Pinukpuk-Abbut Rd (Pinukpuk-Abbut Sect) - K0529 + 272 - K0529 + 312			20. PROJECT DESCRIPTION (of the revised project) Mt Province Bdry-Calanan-Pinukpuk-Abbut Rd (Pinukpuk-Abbut Sect) - K0529 + 164 - K0529 + 212		
11. ALLOTMENT (P'000) (as recorded in GAA) 100,000			21. REVISED ESTIMATED COST (P'000) (Equal to, or lower than GAA allotment) 100,000 /		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	5,555.56 /	Square Meters (m2)	CW1	4650 /	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	96,500 /	17.36999 /	CW1	96,500 /	20.75269 /
EAO	3,500 /		EAO	3,500 /	

Tables for Modification Request Form

14. PROJECT WORK LOCATION (Must be defined in strict accordance with DO 65 Series 2014) Mt Province Bdry-Calanan-Pinukpuk-Abbut Rd (Pinukpuk-Abbut Sect) - K0529 + 272 - K0529 + 312				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) Mt Province Bdry-Calanan-Pinukpuk-Abbut Rd (Pinukpuk-Abbut Sect) - K0529 + 164 - K0529 + 212			
Start X	121.4127944	End X	121.4132417	Start X	121.41286	End X	121.41252
Start Y	17.65491389	End Y	17.6545000	Start Y	17.65468	End Y	17.65503
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) Lower Kalinga District Engineering Office				27. IMPLEMENTING OFFICE (Record the Implementing Office of the proposed revised project) Lower Kalinga District Engineering Office			
17. PROJECT IMPLEMENTATION PLAN (PIP)				28. PROJECT IMPLEMENTATION PLAN (PIP)			
Planned Start Date		Planned End Date		Planned Start Date		Planned End Date	
02/25/2023		7/16/2023		04/28/2023		10/25/2023	
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)
 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 4,650 Square Meters due to the following:

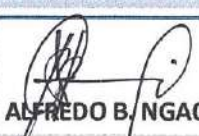


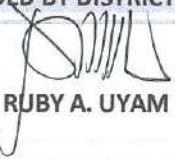

- The change in station limits is to synchronize with the decrease in the Physical Target and connect with the existing RSMS project from CY2022.
- The decrease in the physical target/ increase in unit cost for CW1 is due to the design length of 5-meter permanent ground anchors as recommended in the 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) See the attached Certificate of Reasonableness of Estimates approved by the Regional Director.

See also the attached evaluation of the Bureau of Construction on the unit cost of similar type projects. 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, SLD, RSMS Annexes and GIS Map.

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:	 ALFREDO B. NGAO-I	Position:	Engineer II
Office:	Lower Kalinga District Engineering Office	Date:	
36. REVIEWED BY DISTRICT OFFICE (If Required)		38. REVIEWED BY REGIONAL OFFICE	
Name:	 JULIUS L. ASENCIO	Name:	 ANGELITA B. MABITAZAN
Position:	OIC-Chief, Planning & Design Section	Position:	Chief, Planning and Design Division
Date:		Date:	
37. RECOMMENDED BY DISTRICT OFFICE (If Required)		39. RECOMMENDED BY REGIONAL OFFICE	
Name:	 RUBY A. UYAM	Name:	 KHADAFFY D. TANGGOL
Position:	District Engineer	Position:	Regional Director
Date:		Date:	

Tables for Modification Request Form

UACS (Unified Account Code Structure as defined in GAA)

310108101320000

Project Id

P00713056LZ

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. MANUELL SINGSON	Engr. ANTONIO V. SOBREVINAS, JR.
Signature		
Position:	Project Manager I	Project Manager II
Date:	4/4/23	4/4/23

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
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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:	04-12-23	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
P00713056 LZ - CW1	S059351Z	K0529 + 164	K0529 + 212	6942	6990	48	Construction of Road Slope Protection Structure	Rockfall Netting with Erosion Control Mat (Type4), Hydroseeding & Permanent Ground Anchor Slant	Square Meters	4,650



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

April 4, 2023

MEMORANDUM

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

This refers to the memorandum dated 30 March 2023 of **DPWH CAR Regional Director KHADAFFY D. TANGGOL**, endorsing the request of **District Engineer RUBY A. UYAM, Lower Kalinga District Engineering Office**, for the **modification** of the project under FY 2023 GAA, to wit;

As per GAA/Original			As Modified		
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Total:		₱ 100.00.000.00	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 4,650 Square Meters due to the following:

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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 PPP Services


APPROVED/DISAPPROVED:


EUGENIO R. PIPO, JR.

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



Republic of the Philippines
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
LOWER KALINGA
DISTRICT ENGINEERING OFFICE
Cordillera Administrative Region
Bulanao, Tabuk City, Kalinga

March 14, 2023

MEMORANDUM

FOR : KHADAFFY D. TANGGOL
Regional Director

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

**SUBJECT : Modification CY 2023 GAA – 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 - Mt
Province Bdry-Calanan-Pinukpuk-Abbut Rd (Pinukpuk-Abbut
Sect) - K0529 +272 - K529 + 312, under the FY 2023 General
Appropriations Act**

May we submit for review and evaluation the Modification of the project stated below:

FROM	TO
Mt Province Bdry-Calanan-Pinukpuk-Abbut Rd (Pinukpuk-Abbut Sect) - K0529 + 272 - K529 + 312	Mt Province Bdry-Calanan-Pinukpuk-Abbut Rd (Pinukpuk-Abbut Sect) - K0529 + 164 - K529 + 212
Physical Target: 5,555.56 Square Meter Amount : ₱ 100,000,000.00	Physical Target: 4,650.00 Square Meter Amount : ₱ 100,000,000.00

Attached are all Supporting documents based on D.O No. 37, series of 2018 for your ready reference.

For your favorable consideration.


RUBY A. UYAM
District Engineer

CAR 15.1 MAE/ABN/JLA