

## **OFFICE OF THE SECRETARY**

Manila

April 25, 2023

#### **MEMORANDUM**

TO

KHADAFFY D. TANGGOL

Regional Director DPWH-CAR

Engineer's Hill, Baquio 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:

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**

Abra-Kalinga Rd - K0438 + 250 - K0489 + 350  Implementing Office: Abra District Engineering Office   Date: 04/04/2023  A. A. TYPE OF REQUEST   Change in Timplementing Office/Operating Unit due to   Ceographical Jurisdiction   A.1.1   Geographical Jurisdiction   A.1.2   Approval of Authority to Bid/Implement   A.2.1   Typographical Error/s   A.2.2   Change in Location (for non-existent locations only)   A.2.3   Change in Location (for non-existent locations only)   A.2.4   Addition/Deletion of Word/s   A.2.5   Change in Targets   A.2.5   Change in Targets   A.2.5   Change in Targets   A.2.5   Change in Component Amount   A.2.5   Addition of Component (ind. EXC Components)   A.2.5   Deletion of Component of Exc Components   A.2.5   Deletion of Component (ind. EXC Components)   A.2.5   Deletion of Component of Exc Components   A.2.5   Deletion of Component of Exc Component   A.2.5   Deletion of Component of Exc Component   A.2.5   Deletion of Component   A.2.5   Deletion   Amount   100,000,000   Deletion   Amount   A.2.5   Deletion   Amount   Amount   A.2.5   Deletion   Amount   Amount   A.2.5   Deletion   Amount   Amount   Amount   Amount   Amount   Amount   A.2.5   Deletion   Amount   Amount	Name of Project	ct:							Project ID:	P00715103LZ
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35.61 % decrease in physical target	D.1	Conditio	n/s:			% decre	ase in unit c	ost		
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the GAA  E.1 Undersecretary for Operations  E.2 Secretary  For the Secretary  Reviewed by Planning Service  Recommended for Approval  Undersecretary for Operations  Secretary  Noted By:  CONSTANTE A. LLANES JR., CESO III  Assistant Secretary, Planning Service  Date:  Poate:	D.4 K	ciliains.	1		¥					
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ACTION SLIP Project ID: P007 5103LZ  REMARKS: Reviewed by Planning Service Recommended for Approval  CONSTANTE A. LLANES JR., CESO III Assistant Secretary, Planning Service  Date:  CONSTANTE A. LLANES JR., CESO III Assistant Secretary, Planning Service  Reviewed by Planning Service Recommended for Approval	L.Z			· 0-	٠.`				// // (	1 dala la
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MARIA CATALINA E. CABRAL, CESO I, Ph.D.

Undersecretary for Planning and PPP Services



## 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
Pro	ject Description
UACS No.: 310108101295000 Project ID: P00715103LZ	
OO1: Ensure Safe and Reliable National Road System - Ass	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 - K0489 + 460 - K0489 + 630

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 / 3,577 sq.m.	<b>₱ 26,977.91</b> / sq.m.	₱ 96,500,000.00
EAO	-	₱ 3,500,000.00	EAO	<b>≡</b> v	₱ 3,500,000.00
	Total:	P 100,000,000.00		Total:	P 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 GLE-Nap.



UACS No.: 310108101295000 Project ID: P00715103LZ

Page 2 of 2

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 FUGENIO R. RIPO,

Undersecretary for Planning and Public-Private Partnership Services

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

APPROVED/<del>DISAPPROVED</del>:

Department of Public Works and Highways Office of the Secretary

WIN3E02799

2.3 mksa/MLS/AVS/AGC/ERP

Secretary

MANUEL M. BONOAN



### 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	P00715103LZ	
UACS	310108101295000	
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 O TANGGOL

CAR.1 TPIL/EFD/JWC/ABM

Regional



### **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

TO

Project Title:

Abra-Kalinga Rd - K0489 + 460 - K0489 +

630

Physical Target:

CW1 **- 5555.56** Square Meters

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 MIDJ/CLAR/JTA

		A.	GENERAL				
1. REGION Cordillera Administrativo		2. DEO Abra District Engineeri	ng Office	1 7 5 5 5	GISLATIVI	DISTRICT	
В.	ORIGINAL PROJECT		C. PRO	OPOSED REV	ISED PRO	JECT	
<b>4. UACS</b> (Unified Accou	nt Code Structure as defin	ed in GAA)					
5. Project Id P00715103LZ	0						
6. Project Category 001: Ensure Safe an	nd Reliable National F	Road System	ICTO VINIONA CONTRACTOR				
7. Sub-Program (P/A Asset Preservation - Roads		nstruction of Natio	nal Roads with Slips, Sl	ope Collapse,	and Lands	lide - Secondary	
8. Operating Unit Central Office			18. Operating Unit (Ch	ange subject to	DBM approv	al)	
9. Type of Work (Ente	er Details for all Componer	nts below)	19. Type of Work (Ente	er Details for all (	Components	below)	
Component ID Type of Work			Component ID	Type of W			
CW1	Construction of F Protection Struct		CW1	Construction of Road Slope Protecti 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.			
10. PROJECT DESC	RIPTION (as recorded i	n GAA)	20. PROJECT DESCRIP	TION (of the re-	vised project	)	
Abra-Kalinga Rd - I	K0438 + 250 - K0489	+ 350	Abra-Kalinga Rd - K	0489 + 460 -	K0489 + 6	30 ,	
11. ALLOTMENT (P'0	<b>)000)</b> (as recorded in GAA)		21. REVISED ESTIMATED COST (P'000) (Equal to, or lower than GAA allotment)  100 000  22. CAF (To be obtained Financial Management of State				
12. PHYSICAL TARGE	ET (Enter Details for all Co	mponents below)	23. PHYSICAL TARGET	(Enter Details fo	or all Compo	nents below)	
Component ID	Target	Target Unit	Component ID	Target		Target Unit	
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.	
13. UNIT COST (Enter	Details for all Component	s below)	24. UNIT COST (Enter D	etails for all Con	nponents bel	ow)	
Component ID	Component Cost (P'000)	Target Unit Cost (P'000/Target Unit)	Component ID	Compone (P'000)	nt Cost	Target Unit Cost (P'000/Target Unit)	
CW1	96500	17.36999	CW1	96500	~	26.97791	
EAO	3500	Click here to enter text.	EAO	3500	£	Click here to enter te	
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 te	

Click here to	o enter text.	Click here to	o enter text.	Click here to enter text.	Click here t	o enter text. CI	ick here to enter text.	Click here to enter text.
accordance	with DO 65 So enter text.	LOCATION eries 2014)	(Must be de	fined in strict	DO 65 Serie projects I	s 2014. <mark>Also comp</mark> l under OO-1)	TION (Must be define lete "ANNEX A" fo	d in strict accordance with or National Road
Start X	120.8051	4	End X	120.99233	Start X	120.99314	End X	120.99432
Start Y	17.59794		End Y	17.49159	Start Y	17.49099	End Y	17.49091
15. ROAD CLASSIFICATION (if applicable) Choose an item.					26. ROAD	CLASSIFICATION	(if applicable)	
original pro	ject)	OFFICE (Re		lementing Office of the	proposed re	EMENTING OFFIC evised project) trict Engineering	E (Record the Implement Office	enting Office of the
17. PROJE	CT IMPLE	MENTATIO	N PLAN (P	P)	28. PROJ	ECT IMPLEMENTA	ATION PLAN (PIP)	
Planned S April 3, 2	Start Date			End Date er 28, 2023	Planned S	Start Date	Planned End December 28	
					29. OVER ⊠ NO	LAP?	30. UNDER V ⊠ NO	VARRANTY?  ☐ YES
	EN JUSTICE			D. ATTACHMEN	ITS & JUST	TIFICATIONS		
Change in Protection  Attached (DUPA), Certificar	n Station I on Structur Change in project ID immediate The decrea ground and Permanent increase in The derive I are the fo	Limits in the refrom 5,53 station lime numbers slope mitigues in the period of the control of th	ne Project 55.56 Squa it to avoid P0071510 gation due hysical tar commende anchor, Hy hereon can is based o pporting d g Design (	Description and Description and Description and Description and Description and Parameters to 3,577 to 1 an overlap with st 2LZ, P00715099LZ to its susceptibility get/increase in united in the design analydroseeding and Actusing a deduction in	crease in p Square Me ation limit Z and P00° z to soil/ ro t cost for C ysis. The p tive Wire M a the target gram of W ed Program f Availabil	hysical target for ters due to the fo s on projects of to 715104LZ and to ck collapse. W1 is due to the project utilized the Mesh System (Hig area of the proports (POW) with to of Works (POW) ity of Funds (CA	llowing:  he same scope of volume is a reflect the exact design length of 5 to Erosion Control (the Tensile) which cosed slope protect Detailed Unit Print (the Print) with Detailed UF), BP 202, Geota	work for FY 2023 with at section that required the meter permanent and (Type 4), contributed to the cion.  The contributed to the cion.
33. PHO1 □NO	OS SUBMI	TTED YES						
			PROJECT \	WORK LOCATION SU	JBMITTED			
□NO	⊠'	YES						

Modification Form Version 01-2023

		REPARED BY	
Name:	MELGIE JOXXS D. JAVIER	Position:	ENGINEER II
Office:	Abra District Engineering Office	Date:	Click here to enter a date.
36. REVIE	WED BY DISTRICT OFFICE (If Required)	TALE PLAN	38. REVIEWED BY REGIONAL OFFICE
Name:	CHONA LUSA A. RAMOS	Name:	ANGELITA B. MARIPAZAN
Position:	Chief, Planning and Design Section	Position:	Chief, Planning and Design Division
Date:	1.	Date:	
37. RECOM	MENDED BY DISTRICT OFFICE (If Required)		39. RECOMMENDED BY REGIONAL OFFICE
Name:	JOSELITO T. ARAO	Name:	KHADAFIX D. TANGGOL
Position:	District Engineer	Position:	Regional Director
Date:		Date:	

UACS (Unified Accordance 310108101295000	ount Code Structure as def	ined in GAA)		
Project Id P00715103LZ				
	40. DPWH OFFI	CE OF THE UNDERSECT	RETARIES FOR OPERAT	TIONS
Primary Reason fo	or Request (based on Categ	ory of Modification): (	choose one)	
Category A	Category B	Category C	Category D	Impact
☐ Typographical error on Project Description	☐ Overlapping Sections ☐ Change in Station Limits ☐ Change in Physical Target	<ul><li>□ No such</li><li>Barangay</li><li>□ No such City or</li><li>Municipality</li></ul>	☐ Change in (IO), requiring a change in the (OU)	<ul> <li>□ No change or decrease in unit cost</li> <li>□ 20% or less increase in unit cost</li> <li>□ &gt; 20% increase in unit cost</li> </ul>
	Reviewed b	y Office of the Unders	ecretary for Operatio	ns
Name:	Engr. MANUEL L. SINGSON	N	Engr. ANTONIO	v. sobreviñas, jr.
Signature			r	48
Position:	Project Manager I		Project Manager	·II
Date:	3/30/2		Į.	3/21/23
MILITARY SAFESTA		41. DPWH PLANNIN	G SERVICE	
Category of Modif (please check the	fication appropriate)  Catego	ry A — Typographical Er ry B — Change in Statio ry C — Change in Locati ry D — Change in Opera cation does not comply	n Limits on, due to non-existin ating Unit (requires DE	BM approval)
		Reviewed by Planni	ng Service	
Name:	ANNA ANDREA M. NOCH	E Name:	PETER PAUL R. C	CORTEZ
Signature	Modern	Signatu	ire: flus	/
Position:	Regional Coordinator	Positio	n: OIC - Chief of Pro	ogramming Division
Date:	04.04.28	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
CW1	S00592LZ	K0489+680	K0489+800	80313	80433	120	Construction of Road Slope Protection Structure	Construction of Road Slope Protection Structure	Square meters	3577
								1		