

Republic of the Philippines DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS

OFFICE OF THE SECRETARY

Manila

April 24, 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

Banqued, Abra

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

- 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 K0488 + 250 K0488 + 450 - P100,000,000.00
- 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 K0488 + 000 K0488 + 200 - P100,000,000.00
- 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 + 680 K0489 + 800 - 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 **peak** ealt with accordingly.

REY PETER B. GILLE, D.M.

OIC-Assistant Secretary for Technical Services

and Information Management Service, and

OIC – Office of Assistant Secretary for Regional Operations

in CAR, Regions I, II, IX, X, XI, XII, and XIII





Programming Division Evaluation Sheet

Name of Proje	ct:						Project ID: _	P00715099LZ
bra-Kalinga Rd	I - K0481 + 6	50 - K0481 + 800						
						App	ropriation:	100,000,000
mplementing	Office:	Abra District Engin	eering Office				Date:	04/04/2023
Α.	J 	REQUEST					N. 2549-25-50.	
A.1		hange in Imple	menting Of	fice/Opera	tina Unit due	e to		
	A.1.1		cal Jurisdicti		9 0		DPW	H - OSEC
	A.1.2		of Authority t		nent		Mariane and the same of	THE REAL PROPERTY AND PERSONS.
A.2		ROJECT MODIF					CU.	EIVE
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	A.2.2				<u>it locations</u> on	IY)		ran M
	A.2.3	Change in	Station Limi			By:	trol No.:	23 - D6331
	A.2.4		Deletion of W				S No.:	06/15
	A.2.5		Project Com		ails	1510		Odelis
			Change in Ta	100				
	A	A.2.5.2	Change in So	cope of Work	from			
					to			_
			Change in Co					
	F	A.2.5.4	Addition of C	Component (i	ncl. EXC Comp	oonent)		
	A	A.2.5.5	Deletion of C	Component				
	F	A.2.5.6	Movement o	f Funds betw	een Compone	nts		
В.	EVALUAT	ION						
B.1		LLOWED as per ti	he GAA Provi	sions				
B.2		OT ALLOWED as						
C.		URCE FY 2023 (
		or issuance of SAF		2000 1222	d □Unrelease	od)	Amount	100,000,000
C.1		eleased thru GAA		(Likelease	1 Domelease	(u)	Amount: _	100,000,000
C.2		siedsed till d GAA	40				_	
D.	IMPACT:							
D.1	Condition/s	s: ,		_	e in unit cost			
					e in unit cost			
		9	35.61		se in physical t			
		,	-	_% increas	e in physical ta	arget		
D.2	Δ	dditional Project	Component					
D.3	V C	Certificate of Cost	Reasonablen	ess by RD				
		Tripedic or cost	reasonasien	C55 57 115				
D.4 R	temarks:	1						
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F. App	rovina Aut	hority as per D.	O. 13, s. 20	23. Guidelii	nes on Modif	ication of Allo	tment und	er
the GA			,					
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roject ID:	P00715	1099LZ	V	1 1 1	~ ^		Date:	
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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
UACS No.: 310108101291000	
Project ID: P00715099LZ	

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 - K0481 + 650 - K0481 + 800

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 - K0488 + 250 - K0488 + 450

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.			CW1- Construction of Road Slope Protection Structure / 3,577 sq.m.	₱ 26,977.91 / sq.m.	₱ 96,500,000.00	
EAO		₱ 3,500,000.00	EAO	-	₱ 3,500,000.00	
L. Company	Total	9 100 000 000 00		△ Total:	P 100.000.000.00	

Justification:

Change in Station Limits in the Project Description and Decrease in Physical target for CW1 - Construction 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, P00715103LZ 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.



UACS No.: 310108101291000 Project ID: P00715099LZ

Page 2 of 2

Based on our evaluation, the submitted request for modification of the said project is in order; hance, 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

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

APPROVED/DISAPPROVED:

2.3 mksa/MLS/AVS/AGC/ERP

Secretary

Department of Public Works and Highways Office of the Secretary



Republic of the Philippines DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS CORDILLERA ADMINISTRATIVE REGION

Engineer's Hill Page in City

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 - K0481 + 650 - K0481 + 800

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

	As per GAA/Original	As Modified
Project ID	P00715099LZ	
UACS	310108101291000	
Project Title	Abra-Kalinga Rd – K0481 + 650 - K0481 + 800	Abra-Kalinga Rd – K0488 + 250 - K0488 + 450
Physical Target	5,555.560 Square meters	3577.000 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.

KHADAFPY D. TANGGOL

Regional Director

CAR.1 TPIL/EFD/JWC/ABM

Telefax: (074) 444-6460/(074) 444-8838

E-mail address: dpwh_car@dpwh.gov.ph

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 - K0481 + 650 - K0481 + 800

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 - K0481 + 650 - K0481 +

800

TO

Project Title:

Abra-Kalinga Rd - K0488 + 250 - K0488 +

450

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 MDJ/CLAR/JTA

		A.	GENERAL				
1. REGION Cordillera Administrativo	1	2. DEO Abra District Engineeri	ng Office	1	GISLATIVE	DISTRICT	
В.	ORIGINAL PROJECT		C. PRO	OPOSED REV	SED PRO	JECT	
4. UACS (Unified Accouding 310108101291000	int Code Structure as define	ed in GAA)					
5. Project Id P00715099LZ							
6. Project Category 001: Ensure Safe an	nd Reliable National B	Road System					
7. Sub-Program (P/A Asset Preservation - Roads	D 2	nstruction of Nation	nal Roads with Slips, Sl	ope Collapse, a	and Lands	lide - Secondary	
8. Operating Unit Central Office			18. Operating Unit (Checkentral Office	nange subject to D	BM approv	al)	
9. Type of Work (Ent	er Details for all Componer	nts below)	19. Type of Work (Ente	er Details for all C	omponents	below)	
Component ID	Type of Work		Component ID	Type of Wo	ork		
CW1	Construction of R 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.			
	RIPTION (as recorded i		20. PROJECT DESCRIP				
Abra-Kalinga Rd - 1	K0481 + 650 - K0481	+ 800	Abra-Kalinga Rd - K	0488 + 250 - I	(0488 + 4	50 /	
11. ALLOTMENT (P'0	000) (as recorded in GAA)		21. REVISED ESTIMAT (P'000) (Equal to, or lower allotment) 100 000			(To be obtained from Management office)	
12. PHYSICAL TARGI	ET (Enter Details for all Co	mponents below)	23. PHYSICAL TARGET	(Enter Details fo	r 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.	
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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 Com	ponents bel	ow)	
Component ID	Component Cost (P'000)	Target Unit Cost (P'000/Target Unit)	Component ID	Componen (P'000)	t 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 to	
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accordance	ECT WORK LOC e with DO 65 Series to enter text.	ATION (Must be de 2014)	fined in strict	DO 65 Serie			ned in strict accordance with for National Road		
Start X	120.95155	End X	120.95208	Start X 120.9865 End X 120.98761					
Start Y	17.51703	End Y	17.51671	Start Y	17.49798	End Y	17.49741		
15. ROAI	D CLASSIFICATIO	ON (if applicable)		26. ROAD Choose an i	CLASSIFICATION tem.	(if applicable)			
original pro			lementing Office of the	proposed re	EMENTING OFFICevised project) trict Engineering		menting Office of the		
17. PROJ	ECT IMPLEMEN	TATION PLAN (PI	P)	28. PROJE	ECT IMPLEMENT	ATION PLAN (PIP)		
Planned April 3,	Start Date 2023		End Date er 28, 2023	Planned S April 3, 2	Start Date 023	Planned Er December			
				29. OVER ⊠ NO	LAP?	30. UNDER ☑ NO	WARRANTY? ☐ YES		
			D. ATTACHMEN	ITS & JUST	TIFICATIONS				
32. TECH	INICAL HISTIEIC								
Change in Protection	in Station Limiton Structure from Structure from Change in station project ID number in the decrease in ground anchord permanent Grown increase in unit The derived und are the follows, Detailed Engineering from Structure for the follows, Detailed Engineering from Structure fr	ts in the Project of 5,555.56 Squared ion limit to avoid mbers P0071510 be mitigation due to the physical tarks as recommended ound Anchor, Hytocost thereon caused to the cost is based of the supporting dineering Design (are Meters to 3,577 and an overlap with standard process and a control of the con	crease in place of Square Mere ation limit and P007 to soil/ root to soil/ root to soil/ root to wire March the target gram of Wed Program of Availabil	hysical target for ters due to the for s on projects of to 715104LZ and to ck collapse. W1 is due to the project utilized the desh System (High area of the proports (POW) with of Works (POW) ity of Funds (CA)	che same scope of oreflect the exame scope of oreflect the exame scope of the Erosion Control of Tensile) which cosed slope protection of the Erosion Control of Tensile Unit Potailed Unit Potailed (F), BP 202, Geo	a contributed to the ction. rice Analysis (DUPA). Unit Price Analysis		
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		REPARED BY	
Name:	MELGIE JOXES D. JAVIER	Position:	ENGINEER II
Office:	Abra District Engineering Office	Date:	Click here to enter a date.
36. REVI	EWED BY DISTRICT OFFICE (If Required)		38. REVIEWED BY REGIONAL OFFICE
Name:	CHONA LUISA A. RAMOS	Name:	ANGELITA B. M. BITAZAN
Position:	Chief, Planning and Design Section	Position:	Chief, Planning and Design Division
Date:		Date:	
37. RECOM	MENDED BY DISTRICT OFFICE (If Required)		39. RECOMMENDED BY REGIONAL OFFICE
Name:	JOSELITO T. ARAO	Name:	KHADAFFYA HANGGOL
Position:	District Engineer	Position:	Regional Director
Date:		Date:	

UACS (Unified Account Code Structure as defined in GAA)

310108101291000).				
Project Id P00715099LZ					
	40. DPWH OFFI	CE OF THE UNDERSECT	RETARIES FOR OPERA	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	☐ No such Barangay ☐ No such City or Municipality	☐ Change in (IO), requiring a change in the (OU)	 □ No change or decrease in unit cost □ 20% or less increase in unit cost □ > 20% increase in unit cost 	
	Reviewed b	y Office of the Unders	ecretary for Operatio	ons	
Name:	Engr. MANUEL L. SINGSOI	V	Engr. ANTONIO V. SOBREVIÑAS, JR.		
Signature	gnature		M	74	
Position:	Project Manager I		Project Manage		
Date:	3/38/23		3/	130/23	
		41. DPWH PLANNIN	G SERVICE		
Category of Mod (please check the	ification appropriate) Catego	ry A – Typographical E ry B – Change in Statio ry C – Change in Locat ry D – Change in Oper cation does not compl	on Limits ion, due to non-existi ating Unit (requires D	BM approval)	
		Reviewed by Plann	ing Service		
Name:	ANNA ANDREA M. NOCH	E Name:	PETER PAUL R.	CORTEZ	
Signature	Adu	Signat	ure: fan		
Position:	Regional Coordinator	Positio	on: OIC - Chief of Pr	rogramming Division	
Date:	04.04.23	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
CW1	S00592LZ	K0488 + 250	K0488+450	78914	79114	200	Construction of Road Slope Protection Structure	Construction of Road Slope Protection Structure	Square meters	3577