

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

Bangued, 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 **period** 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 Project	ct:	Project ID:	P00715104LZ
Abra-Kalinga Rd	I - K0438 + 400 - K0489 + 500	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 Jurisdiction	DPW	H-OSEC
	A.1.2 Approval of Authority to Bid/Implement	WEC.	FIVE
A.2	PROJECT MODIFICATION/ADJUSTMENTS		LOR W ALO
	A.2.1 Typographical Error/s	APR	1 9 2022
	A.2.2 Change in Location (for <u>non-existent locations</u> only)	6	1 3 2023
	A.2.3 Change in Station Limits	By:	Time
	A.2.4 Addition/Deletion of Word/s	Control No.:	25-06347
	A.2.5 ✓ Change in Project Component/s Details	IDTS No.:	66175
	A.2.5.1		
	A.2.5.2 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		
_			
В.	EVALUATION ALL OWED as part the CAA Provisions		
B.1 B.2	ALLOWED as per the GAA Provisions NOT ALLOWED as per the GAA Provisions		
	Control of the Contro		
C.	FUND SOURCE FY 2023 GAA, R.A. 11936 ✓ for issuance of SARO (□Released □Unreleased)	Amount:	100,000,000
C.1 C.2	released thru GAAAO	Amount.	100,000,000
		-	***************************************
D.	IMPACT: Condition/s: - % decrease in unit cost		
D.1	55.31 % increase in unit cost		
	35.61 % decrease in physical target		
	- % increase in physical target		
D.2	Additional Project Component Cettificate of Cost Reasonableness by RD		
D.3			
D.4 F	Remarks: /		
F Δnn	proving Authority as per D.O. 13, s. 2023, Guidelines on Modification	n of Allotment und	der
the GA			
E.1	Undersecretary for Operations	\sim	\wedge
E.2	Secretary		$\bigcap / \bigcap /$
	Correct the Correct time (109/13/m
Evaluated By:		TANTE A. LLANES	JR, CESO III
		stant Secretary, Pla	
	ACTION SLIP		
Project ID:	P00718104LZ 1 1 1 1 2 V	Date:	
FOR THE SEC	RETARY		
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

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 Do	escription
UACS No.: 310108101296000	
Project ID: P00715104LZ	

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 + 400 - K0489 + 500

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

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.		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	
	Total:	₱ 100,000,000.00	n 1011	/ / Total:	₱ 100,000,000.00	

Justification:

Change in Station Limits in the Project Description and Jecresse 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, P00715103LZ and P00715099LZ 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.: 310108101296000 Project ID: P00715104LZ

Page 2 of 2

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

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

APPROVED/DISAPPROVED:

2.3 mksa/MLS/AVS/AGC/ERP

Secretary

MANUEL M. BONOAN

Department of Public Works and Highways
Office of the Secretary

WIN3E02783



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 + 400 - K0489 + 500

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 UACS	P00715104LZ 310108101296000	
Project Title	Abra-Kalinga Rd – K0438 + 400 - K0489 + 500	Abra-Kalinga Rd – K0489 + 680 - K0489 + 800
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.

KHADAFFY D. TANGGO

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 - K0438 + 400 - K0489 + 500

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 + 400 - K0489 +

500

TO

Project Title:

Abra-Kalinga Rd - K0489 + 680 - K0489 +

800

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 MODJ/CLAR/JTA

		Α.	GENERAL				
1. REGION Cordillera Administrative		2. DEO Abra District Engineerii	ng Office		GISLATIVE		
B.	ORIGINAL PROJECT		C. PRO	OPOSED REV	ISED PRO	JECT	
4. UACS (Unified Accou 310108101296000	nt Code Structure as define	ed in GAA)	•				
5. Project Id P00715104LZ							
6. Project Category 001: Ensure Safe an	nd Reliable National R	toad System					
7. Sub-Program (P/A Asset Preservation - Roads	2 A	nstruction of Nation	nal Roads with Slips, Sl	ope Collapse,	and Lands	lide - Secondary	
8. Operating Unit Central Office			18. Operating Unit (Charles Central Office	nange subject to	DBM approva	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	Type of Work		
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 in K0438 + 400 - K0489		20. PROJECT DESCRIP				
	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 TARGE	ET (Enter Details for all Co	mponents below)	23. PHYSICAL TARGET	Γ (Enter Details f	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.		Choose an item.	
13. UNIT COST (Enter	Details for all Component	s below)	24. UNIT COST (Enter D	Details for all Cor	nponents bel	ow)	
Component ID	Component Cost (P'000)	Target Unit Cost (P'000/Target Unit)	Component ID	(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 tex	
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 ter	

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accordance	JECT WORK e with DO 65 5 to enter text.	LOCATION (M Series 2014)	ust be def	fined in strict	DO 65 Serie projects I	Name and Address of the Owner, which we describe the Owner, which we descr	ATION (Must be define the management of the mana	ned in strict accordance wit for National Road
Start X	120.8051	4 E	nd X	120.99337	Start X	120.99604		
Start Y	17.59794	E E	nd Y	17.49102	Start Y	17.4906	End Y	17.49125
15. ROAI Choose an		CATION (if applie	cable)		26. ROAD	CLASSIFICATION tem.	ON (if applicable)	
original pro	oject)	OFFICE (Record	,	ementing Office of the	proposed re	EMENTING OFF evised project) trict Engineeri	ICE (Record the Imple	menting Office of the
17. PROJ	IECT IMPLE	MENTATION P	LAN (PI	P)	28. PROJI	ECT IMPLEMEN	TATION PLAN (PIP)
Planned April 3,	Start Date 2023			End Date or 28, 2023	Planned S	Start Date	Planned Er December	
					29. OVER	LAP?	30. UNDER ⊠ NO	WARRANTY?
	NT TOP OF THE			D. ATTACHMEN	ITS & JUST	TIFICATIONS		WWW.
31. PROJ	IECT IMPAC	T ANALYSIS A	TTACHE	D? (For Flood Control P	rojects)			
⊠ NO		YES	□ N/A					
			plain in de	etail in Bullet point form			For CW1 - Constru	ation of Road Slave
Change is Protection	in Station I on Structur Change in project ID immediate The decrea ground and Permanent increase in The derive d are the fo), Detailed I	Limits in the Free from 5,555 station limit to numbers Poslope mitigatuse in the physichers as recome Ground Ancient Cost there do unit cost is belowing supposed Engineering Donableness, Expression 1,555	Project I 56 Squa to avoid 10715102 ion due sical targ imended hor, Hy- reon cau based or orting do Design (I	Description and De re Meters to 3,577 so an overlap with st 2LZ, P00715103LZ to its susceptibility get/increase in unit of in the design anal droseeding and Act asing a deduction in the approved Property (PED), Certificate o	crease in posture Me ation limit Z and P007 to soil/ rot cost for C ysis. The prive Wire Mathematical the target gram of W d Program f Availabil	hysical target for ters due to the son projects of 715099LZ and ck collapse. W1 is due to the project utilized Iesh System (Fork (POW) with of Works (PO ity of Funds (Control	following: f the same scope of to reflect the exa ne design length of the Erosion Control Ligh Tensile) which oposed slope protect th Detailed Unit P W) with Detailed EAF), BP 202, Geo	5-meter permanent of Mat (Type 4), a contributed to the etion. rice Analysis (DUPA Unit Price Analysis
Change in Protection	in Station I on Structur Change in project ID immediate The decrease ground and Permanent increase in The derived are the food, Detailed I ate of Reasond GIS Ma	Limits in the Free from 5,555 station limit to numbers P0 slope mitigates in the physichors as recommended unit cost thered unit cost is bollowing support Engineering Donableness, Even.	Project I 56 Squa to avoid 10715102 ion due sical targ imended hor, Hy- reon cau based or orting do Design (I	Description and De re Meters to 3,577 so an overlap with st 2LZ, P00715103LZ to its susceptibility get/increase in unit of in the design anal droseeding and Act asing a deduction in the approved Property (PED), Certificate o	crease in posture Me ation limit Z and P007 to soil/ rot cost for C ysis. The prive Wire Mathematical the target gram of W d Program f Availabil	hysical target for ters due to the son projects of 715099LZ and ck collapse. W1 is due to the project utilized Iesh System (Fork (POW) with of Works (PO ity of Funds (Control	following: f the same scope of to reflect the exa ne design length of the Erosion Control Ligh Tensile) which oposed slope protect th Detailed Unit P W) with Detailed EAF), BP 202, Geo	f work for FY 2023 what section that requisions from the requisions of the following from the following from the rection. The rection of the

₩ 35. P	REPARED BY	
MELGIE JOYNS D. JAVIER	Position:	ENGINEER II
Abra District Engineering Office	Date:	Click here to enter a date.
EWED BY DISTRIC OFFICE (If Required)		38, REVIEWED BY REGIONAL OFFICE
CHONA LUISA A. RAMOS	Name:	ANGELITA B. MABUAZAN
Chief, Planning and Design Section	Position:	Chief, Planning and Design Division
\sim	Date:	
MENDED BY DISPRICT OFFICE (If Required)		39. RECOMMENDED BY REGIONAL OFFICE
JOSELITO T. ARAO	Name:	KHADAFFX D. TANGGOL
District Engineer	Position:	Regional Director
	Date:	
	MELGIE JOYKS D. JAVIER Abra District Engineering Office EWED BY DISTRICT OFFICE (If Required) CHONA LUIS A. RAMOS Chief, Planning and Design Section MENDED BY DISTRICT OFFICE (If Required) JOSELITO T. ARAO	Abra District Engineering Office EWED BY DISTRICT OFFICE (If Required) CHONA LUIS A. RAMOS Chief, Planning and Design Section Date: MENDED BY DISTRICT OFFICE (If Required) JOSELITO T. ARAO Name: District Engineer Position:

UACS (Unified Account Code Structure as defined in GAA)

310108101596000	Į.				
Project Id P00715104LZ					
	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	in Station		 □ 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 Operation	ons	
Name:	Engr. MANUEL L. SINGSOI	N	Engr. ANTONIO V. SOBREVIÑAS, JR.		
Signature			M	XY	
Position:	Project Manager I		Project Manager II		
Date:	3/38/23		1 ,	3/30/23	
		41. DPWH PLANNIN	G SERVICE		
Category of Modi (please check the	Catego □ Catego □ Catego □ 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	Indem	Signati	ure: Sans		
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	K0489+460	K0489+630	80093	80263	170	Construction of Road Slope Protection Structure	Construction of Road Slope Protection Structure	Square meters	3577
								V - V -		