

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

ERA ADMINISTRATIVE N

Engineer's Hill, Baguio City

3 0 MAR 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 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 - Mt Province Bdry-Calanan-Pinukpuk-Abbut Rd

(Pinukpuk-Abbut Sect) - K0529 +152 - K529 + 192

We are respectfully forwarding the Memorandum dated March 27, 2023 from Ruby A. Uyam, District Engineer, Lower Kalinga District Engineering Office, regarding the modification of the above project in the amount of **Ninety Million Pesos (Php 90,000,000.00)** as indicated below:

	FROM	ТО
Project ID	P00715094LZ	
Project Title	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 + 152 - K529 + 192	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 + 212 - K529 + 269
Type of Work	Construction of Road Slope Protection Structure	Construction of Road Slope Protection Structure
Physical Target	5,000.00 Square Meters	4,189.09 Square meters
Allocation	Php 90,000,000.00	Php 90,000,000.00

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 RBP/EFD/JWC/ABM



OFFICE OF THE SECRETARY

Manila

April 20, 2023

MEMORANDUM

TO

KHADAFFY D. TANGGOL

Regional Director

DPWH-Cordillera Administrative Region (CAR)

Engineer's Hill, Baguio City

ATTENTION :

RUBY A. UYAM

District Engineer

Lower Kalinga District Engineering Office

Tabuk, Kalinga

Transmitted herewith is the <u>APPROVED</u> request for the **modification** of hereunder stated

1. 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 +212 - K529 + 269 - - - - - - -₱90,000,000.00.

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

REY PETER B. GILLE, D.M.

OIC-Assistant Secretary for Technical Services and Information Management Services, and OIC-Agsistant Secretary for Regional Operations in CAR, Regions I, II, IX, X, XI, XII and XIII

2.3 aap/AVS/AGC/ERP

MEMORANDUM

:

TO

KHADAFFY D. TANGGOL

Regional Director

DPWH-Cordillera Administrative Region (CAR)

Engineer's Hill, Baguio City

ATTENTION:

RUBY A. UYAM

District Engineer

Lower Kalinga District Engineering Office

Tabuk, Kalinga

Transmitted herewith is the **APPROVED** request for the **modification** of hereunder stated project:

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.

REY PETER B. GILLE, D.M.

OIC-Assistant Secretary for Technical Services and Information Management Services, and OIC-Assistant Secretary for Regional Operations in CAR Regions I, II, IX—X XI, XII and XIII

2.3 aap/AVS/AGC/ERP



	Programming Division Evaluation Sheet		
Name of Proje	ct:	Project ID:	P00715094LZ
Mt Province Bdr	y-Calanan-Pinukpuk-Abbut Rd (Pinukpuk-Abbut Sect), K0529 + 152 - K529 + 192	Appropriation:	90,000,000
Implementing	Office: Lower Kalinga District Engineering Office	Appropriation: Date:	04/12/2023
Α.	TYPE OF REQUEST	_	
A.1	Change in Implementing Office/Operating Unit due to		
	A.1.1 Geographical Jurisdiction		
	A.1.2 Approval of Authority to Bid/Implement		
A.2	PROJECT MODIFICATION/ADJUSTMENTS		
	A.2.1 Typographical Error/s		
	A.2.2 Change in Location (for <u>non-existent locations</u> only)		
	A.2.3 Change in Station Limits		
	A.2.4 Addition/Deletion of Word/s		
	A.2.5 Change in Project Component/s Details		
	A.2.5.1 ✓ Change in Targets		
	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		
B.1	ALLOWED as per the GAA Provisions		
B.2	NOT ALLOWED as per the GAA Provisions		
C.	FUND SOURCE FY 2023 GAA, R.A. 11936		
C.1	for issuance of SARO (MReleased DUnreleased)	Amount: _	90,000,000
C.2	released thru GAAAO		
D.	IMPACT:		
D.1	Condition/s: % decrease in unit cost		
	19.56_ % increase in unit cost		
	% increase in physical target		
D.2	Additional Project Component		
D.3	Certificate of Cost Reasonableness by RD		
	emarks:		
D.1 N	endro.		
E. App	roving Authority as per D.O. 13, s. 2023, Guidelines on Modification o	f Allotment under	
the GA			
E.1	✓ Undersecretary for Operations		$\sim \wedge$
E.2	Secretary	1 1 1	Y. 1/12/20
Evaluated By:	Noted By:		108/1/12
Evaluated by:		STANTE A. LLANES	JR., CESO III
		istant Secretary, Pla	
Designat ID:	ACTION SLIP	Date:	
Project ID:	P00715094LZ RY MANUEL M. BONOAN OR	Date	
	And the second of the second o		
REMARKS:	Reviewed by Planning Service		
	Recommended for Approval Remarks:		
	Inclinates.	1	
	(OVIA)	MX	



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 D	escription		
UACS No. 31010810 Project ID: P00715					
001: Ensure Safe and			OO1: Ensure Safe and Reliable National Road System - Asset Preservation - Rehabilitation/ Reconstruction of		
Asset Preservation - Rehabilitation/ Reconstruction of Roads with Slips, Slope Collapse, and Landslide - Secondary Roads			Roads with Slips, Slop Secondary Roads		
Mt Province Bdry-Cala Abbut Sect) - K0529 -			Mt Province Bdry-Cala Abbut Sect) - K0529		
Type of Work/ Physical Target	Unit Cost	Allocation	Type of Work/ Physical Target	Unit Cost	Estimated Cost
CW1- Construction of Road Slope Protection Structure / 5,000 Square meters	₱ 17,370.00/ Square meters	₱ 86,850,000.00	CW1- Construction of Road Slope Protection Structure / 4,182.09 Square meters	P 20,767.13 / Square meters	₱ 86,850,000.00
		B 2 450 000 00	EAO		₱ 3,150,000.00
EAO	_	₱ 3,150,000.00	EAU	_	7 3,130,000.00

Change in Station Limits in the Project pescription and Decrease in physical target for CW1 - Construction of Road Slope Protection Structure from 5,000 Square Meters to 4,182.09 Square Meters due to the following:

- The change in station limits is to synchronize with the decrease in the Physical Target and connect with another CY 2023 RSMS project with Project ID - P00713056LZ.
- 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 and Certification of No overlapping (Certified by the District Engineer, Construction and Maintenance Division Chief).



UACS No. 310108101286000 Project ID: P00715094LZ

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 & 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:

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

2.3 aap/MLS/AVS/AGC/ERP



OFFICE OF THE SECRETARY

Manila

April 4, 2023

MEMORANDUM

FOR

EUGENIO R. PIPO, JR.

As ner GAA/Original

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 Modified

AS	per GAM/ Original			AS MUUITTEU	
		Project D	escription		
UACS No. 31010810 Project ID: P00715					
OO1: Ensure Safe and Asset Preservation - R Roads with Slips, Slop Secondary Roads Mt Province Bdry-Cala Abbut Sect) - K0529 -	ehabilitation/ Reco e Collapse, and La nan-Pinukpuk-Abb	nstruction of ndslide - ut Rd (Pinukpuk-	OO1: Ensure Safe and Asset Preservation - R Roads with Slips, Slop Secondary Roads Mt Province Bdry-Cala Abbut Sect) - K0529	ehabilitation/ Red e Collapse, and L nan-Pinukpuk-Ab	construction of andslide - but Rd (Pinukpuk-
Type of Work/ Physical Target	Unit Cost	Allocation	Type of Work/ Physical Target	Unit Cost	Estimated Cost
CW1- Construction of Road Slope Protection Structure / 5,000 Square meters	₱ 17,370.00/ Square meters	₱ 86,850,000.00	CW1- Construction of Road Slope Protection Structure / 4,182.09 Square meters	₱ 20,767.13 / Square meters	₱ 86,850,000.00
EAO	-	₱ 3,150,000.00	EAO	_	₱ 3,150,000.00
	Total:	₱ 90,00,000.00		Total:	P 90,000,000.00

Justification:

Change in Station Limits in the Project Description and Decrease in physical target for CW1 - Construction of Road Slope Protection Structure from 5,000 Square Meters to 4,182.09 Square Meters due to the following:

- The change in station limits is to synchronize with the decrease in the Physical Target and connect with another CY 2023 RSMS project with Project ID - P00713056LZ.
- 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 and Certification of No overlapping (Certified by the District Engineer, Construction and Maintenance Division Chief).

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 & CANLAS

Assistant Secretary for Regional Operations In CAR, Regions I, II, IX, 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

2.3 aap/MLS/AVS/AGC/ERP



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 +152 - K529 + 192, Pinukpuk, Kalinga, under the

FY 2023 General Appropriations Act

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

FROM	ТО		
Mt Province Bdry-Calanan-Pinukpuk-Abbut Rd (Pinukpuk-Abbut Sect) - K0529 +152 - K529 + 192	Mt Province Bdry-Calanan-Pinukpuk-Abbut Rd (Pinukpuk-Abbut Sect) - K0529 +212 - K529 + 269		
Physical Target: 5,000 Square Meters Amount : ₱ 90,000,000.00	Physical Target: 4182.09 Square Meters Amount : ₱ 90,000,000.00		

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

For your favorable consideration.

Jistrict Engineer

CAR 15.1 MAE/ABN/JLA

1. REGION Cordillera Admini	strative Region	2. DEO Lower Kalinga Dist	rict Engineering Offic			E DISTRICT NE DISTRICT)
	B. ORIGINAL PROJEC	T	С. Р	PROPOSED REVI	SED PRO	JECT
4. UACS (Unified A	Account Code Structu 0	re as defined in GAA	A)			
5. Project Id P00715094LZ						
6. Project Catego OO1: Ensure Safe	ry and Reliable National	Road System				
7. Sub-Program (F Asset Preservation	P/A/P) n - Rehabilitation/ Rec	construction of Road	s with Slips, Slope Co	llapse, and Land	dslide - Se	econdary Roads
8. Operating Unit Lower Kalinga Dis	trict Engineering Offic	e	18. Operating Unit Lower Kalinga Distri			approval)
9. Type of Work (Enter Details for all C	omponents below)	19. Type of Work (Enter Details for all Components below)			
Component ID	Type of Work		Component ID	Type of Work		
CW1	Construction of Protection Struc		CW1	Construction of Road Slope Protection Structure		
Mt Province Bdry-	CRIPTION (as recorded Calanan-Pinukpuk-Ab 29 + 152 - K529 + 192	but Rd (Pinukpuk-	20. PROJECT DESCR Mt Province Bdry-Co Sect) - K0529 +212	alanan-Pinukpu		roject) Rd (Pinukpuk-Abbut
11. ALLOTMENT (P'000) (as recorded in GAA) 90,000			21. REVISED ESTIMA (P'000) (Equal to, or GAA allotment) 90,000		from Fir	(To be obtained nancial ement office)
12. PHYSICAL TAR below)	GET (Enter Details fo	r all Components	23. PHYSICAL TARG	ET (Enter Detai	ls for all	Components below)
Component ID	Target	Target Unit	Component ID	Target		Target Unit
CW1	5,000	Square Meters (m2)	CW1	4182.09		Square Meters (m2)
13. UNIT COST (Er	nter Details for all Cor	mponents below)	24. UNIT COST (Ent	er Details for al	Compo	nents below)
Component ID	Component Cost (P'000)	Target Unit Cost (P'000/Target Unit)	Component ID	Componer (P'000)	nt Cost	Target Unit Cost (P'000/Target Unit)
CW1	86,850 /	17.370	CW1	86,850 /		20.76713
EAO	3,150		EAO	3,150		

accordar Mt Provi	ECT WORK LOCATI nce with DO 65 Ser nce Bdry-Calanan-F ect) - K0529 + 152 -	ies <mark>2014)</mark> Pinukpuk-Ab		accordar for Natio Mt Provi	nal Road project	eries 2014. Also s under 00-1) -Pinukpuk-Abbi	defined in strict complete "ANNEX A" ut Rd (Pinukpuk-Abbut
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. ROAl	O CLASSIFICATION ry Road	(if applicabl	e)	26. ROAI	CLASSIFICATION ry Road	(if applicable)	
Office of	EMENTING OFFICE the original project llinga District Engin	t)		the prop	EMENTING OFFIC osed revised proj linga District Engi	ect)	mplementing Office of
17. PROJ	ECT IMPLEMENTA	TION PLAN ((PIP)	28. PROJ	ECT IMPLEMENTA	ATION PLAN (PI	P)
Planned Start Date Planned End Date 02/25/2023 7/16/2023			Planned Start Date 04/28/2023			Planned End Date 10/25/2023	
			29. OVERLAP? ☑ NO ☐ YES		30. UNDER	30. UNDER WARRANTY? ☑ NO ☐ YES	
			D. ATTACHME	NTS & JUST	IFICATIONS		
31. PROJ	ECT IMPACT ANAL	YSIS ATTACI	HED? (For Flood Co	ntrol Proje	cts)		
Change Slope Pr	in Station Limits in otection Structure. The change in standard another CY 2023. The decrease in permanent ground Mat (Type 4), Percontributed to the protection. The derived unit (DUPA) See the attached evaluation of the attached engineer of the attached engi	n the Project from 5,00 tration limits RSMS project he physical danchors armanent Grannent Gr	of Square Meters in significant with Project ID at target/ increase as recommended round Anchor, Hydron unit cost thereoded on the approve extificate of Reason the Bureau of Contents: Approved Projects (DED), Certificate	d Decrease to 4,182.0 e with the 0 - P00713 e in unit co in the des droseeding n causing d Program hableness estruction of the of Availa	e in physical targes of Square Meters decrease in the O56LZ. Dost for CW1 is dign analysis. The and Active Wire a deduction in the of Work (POW) of Estimates appoint the unit cost of Vorks (POW) will billity of Funds (et for CW1 - Control of due to the design project utilized Mesh System that the target area of with Detailed proved by the control of similar type th Detailed University of similar type the due to the due to the control of similar type the due to the du	rget and connect with sign length of 5-meter ed the Erosion Control of (High-Tensile) which of the proposed slope Unit Price Analysis Regional Director.
	te of Reasonabler	ness, SLD, I	RSMS Annexes an	d GIS Map),		
□NO D	⊠YES						
34. A MA		ED PROJECT	WORK LOCATION	SUBMITTE	D		

	35. P	REPARED BY	
Name:	ALIMOO B. NGAO-I	Position:	Engineer II
Office:	Lower Kalinga District Engineering Office	Date:	
36. REVI	EWED BY DISTRICT OFFICE (If Required)		38. REVIEWED BY REGIONAL OFFICE
Name:	JULIUS V. ASENCIO	Name:	ANGELITA BIMABITAZAN
Position:	OIC Chief, Planning & Design Section	Position:	Chief, Planning and Design Division
Date:	•	Date:	
37. RECOM	MENDED BY DISTRICT OFFICE (If Required)		39. RECOMMENDED BY REGIONAL OFFICE
Name:	RUBY A. UYAM	Name:	KHADAFFY D. TANGGOL
Position:	bistrict Engineer	Position:	Regional Director
Date:		Date:	

.UACS (Unified Ac 31010810128600		ucture as def	ined in GAA)		
Project Id P00715094LZ					
	40.	DPWH OFFI	E OF THE UNDERSEC	RETARIES FOR OPER	RATIONS
Primary Reason f	or Request (ba	sed on Categ	ory of Modification):	(choose one)	
Category A	Category I	3	Category C	Category D	Impact
☐ Typographica error on Project Description	☐ Change	0.1000.100	☐ No such Barangay ☐ No such City or Municipality	☐ Change in (IO) requiring a change in the (OU)	☐ 20% or less increase in unit
		Reviewed by	Office of the Unders	ecretary for Operat	tions
Name:	Engr. MANUE	SINGSON		Engr. ANTONI	O V. SOBREVIÑAS, JR.
Signature				^	M
Position:	Project Manager I			Project Mahag	ger II
Date:		4/4/23		1	4/4/23
			41. DPWH PLANNING	G SERVICE	
Category of Modification (please check the		Categor Categor Categor	y A – Typographical Er y B – Change in Statio y C – Change in Locati y D – Change in Opera ation does not comply	n Limits on, due to non-exist ating Unit (requires l	DBM approval)
			Reviewed by Plannin	ng Service	
Name:	ANNA ANDREA M. NOCHE		Name:	PETER PAUL R.	CORTEZ
Signature	0	nden	Signatu	re: fan	le
Position:	Regional Coo	rdinator	Position	OIC - Chief of P	Programming Division
Date:	4.12:	23	Date:		

	35. P	REPARED BY	fr
Name:	ALFREDO B. NGAO-I	Position:	Engineer II
Office:	Lower Kalinga District Engineering Office	Date:	
36. REVIE	EWED 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. RECOM	MENDED 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:	J	Date:	

ANNEX A: Project Work Location Details for National Roads

<u></u>	66				
Physical Target	4,182.09				
Target	Square				
Detail Scope of Work	Rockfall Netting with Erosion Control Mat (Type4), Hydroseeding & Permanent Ground Anchor				
Type of Work	Construction of Road Slope Protection Structure				
Length (m)	57				
End Chainage	7047				
Start Chainage	0669				
End Limit LRP + Disp	K529 + 269				
Start Limit LRP + Disp	K0529 +212				
Section ID	S05935LZ				
Component	P00715094 S				