

CORDILLERA ADMINISTRATIVE REGION

Engineer's Hill, Baguio City



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 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 + 192 - K529 + 232

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 Five Million Pesos (Php 95,000,000.00)** as indicated below:

	FROM	TO
Project ID	P00715095LZ	
Project Title	ORGANIZATIONAL OUTCOME 1: ENSURE SAFE AND RELIABLE 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 + 192 - K529 + 232	ORGANIZATIONAL OUTCOME 1: ENSURE SAFE AND RELIABLE 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 + 269 - K529 + 365
Type of Work	Construction of Road Slope Protection Structure	Construction of Road Slope Protection Structure
Physical Target	5,277.78 Square Meters	4,412.50 Square meters
Allocation	Php 95,000,000.00	Php 95,000,000.00

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

MEMORANDUM

TO

RD KHADAFFY D. TANGGOL

DPWH - CAR

Engineer's Hill, Baguio City

ATTENTION:

DE RUBY A. UYAM

Lower Kalinga District Engineering Office

Tabuk, Kalinga

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

OO1: Ensure Safe and Reliable National Road System - Asset Preservation - Asset Preservation - Rehabilitation/ Reconstruction of National Roads with Slips, Slope Collapse, and Landslide - Secondary Roads -Mt Province Bdry-Calanan-Pinukpuk-Abbut Rd (Pinukpuk-Abbut Sect) - K0529 + 269 - K529 + 365- - P95,000,000.00

OO1: Ensure Safe and Reliable National Road System - Asset Preservation - Asset Preservation - Rehabilitation/ Reconstruction of National Roads with Slips, Slope Collapse, and Landslide - Secondary Roads - Mt Province Bdry-Calanan-Pinukpuk-Abbut Rd (Pinukpuk-Abbut Sect) - K0529 + 164 - K0529 + 212- - 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.

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

2.3 LDAM/AVS/AGC/ERP

OFFICE OF THE SECRETARY

Manila

MEMORANDUM

TO

.

RD KHADAFFY D. TANGGOL

DPWH - CAR

Engineer's Hill, Baguio City

ATTENTION:

DE RUBY A. UYAM

Lower Kalinga District Engineering Office

Tabuk, Kalinga

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2. OO1: Ensure Safe and Reliable National Road System - Asset Preservation - Asset Preservation - Rehabilitation/ Reconstruction of National Roads with Slips, Slope Collapse, and Landslide - Secondary Roads - Mt Province Bdry-Calanan-Pinukpuk-Abbut Rd (Pinukpuk-Abbut Sect) - K0529 + 164 - K0529 + 212- - P100,000,000.00

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2.3 LDAM/AVS/AGC/ERP



*				
v	Programm	ing Division Evaluation Sheet		
Name of Proje	t:		Project ID:	P00715095LZ
	E-2.91 TOO 15-1 TO 14-100 AND STREET WAS AND STREET	1.C-1) K0520 + 103 - K520 + 222	1 -	
Mt Province Bar	-Calanan-Pinukpuk-Abbut Rd (Pinukpuk-Abbu	it Sect), K0529 + 192 - K529 + 232	Appropriation:	95,000,000
Implementing	Office: Lower Kalinga District Engineering	ng Office	Date:	04/12/2023
A.	TYPE OF REQUEST			
A.1	Change in Implementing Of	-		
	A.1.1 Geographical Jurisdiction			
	A.1.2 Approval of Authority to			
A.2	PROJECT MODIFICATION/A	DJUSTMENTS		
	A.2.1 Typographical Error/s			
		non-existent locations only)		
	A.2.3 ✓ Change in Station Limit A.2.4 Addition/Deletion of Wo			
	A.2.5 Change in Project Com			
	A.2.5.1 ✓ Change in Tri	Fig. 1. (1) (1) (1) (1) (1) (1) (1) (1) (1) (1)		
	A.2.5.2 Change in Sco			
		to	BU-1112	
	A.2.5.3 Change in Cor	mponent Amount		_
	A.2.5.4 Addition of Co	imponent (incl. EXC Component)		
	A.2.5.5 Deletion of Co			
	A.2.5.6 Movement of	Funds between Components		
В.	EVALUATION			
B.1	ALLOWED as per the GAA Provi			
B.2	NOT ALLOWED as per the GAA			
С.	FUND SOURCE FY 2023 GAA, R.A. 13 for issuance of SARO			05 000 000
C.1 C.2	released thru GAAAO	(■Released □Unreleased)	Amount:	95,000,000
D.			7	
D.1	IMPACT: Condition/s:	% decrease in unit cost		
D.1	-	% increase in unit cost		
	-	% decrease in physical target		
		% increase in physical target		
D.2	Additional Project Component			
D.3	Certificate of Cost Reasonablene	ess by RD		
	emarks:	33.27		
ט.ד ו	and KS.			
E. Appi	oving Authority as per D.O. 13, s. 20	23, Guidelines on Modification of	Allotment under	
the GA				
E.1	Undersecretary for Operations		\bigcirc	\wedge
E.2	Secretary	()	$\mathcal{D} \mathcal{M}$	1/20X20/20
Evaluated By:	Lr. ret in	Noted By:		109/11/13
).*)	OALEX G. BOTE /	CONS	TANTE A. LLANES	
	Director, Planning Service	Assi	stant Secretary, Pla	inuing Service
		ACTION SLIP		
Project ID:	P00715095LZ		Date:	
FOR SECRETA	Y MANUEL M. BONOAN OR	81)		
REMARKS:	Reviewed by Planning Service			
	Recommended for Approval			
	Remarks:			

MARIA CATALINA E. CABRAL, CESO I, Ph.D.
Undersecretary for Planning and PPP Services



OFFICE OF THE SECRETARY

Manila

April 4, 2023

MEMORANDUM

As per GAA/Original

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;

Project Description

As Modified

Total: \$\mathbb{P}\,95.000,000.00

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	onstruction of andslide - out Rd (Pinukpuk-	OO1: Ensure Safe and Asset Preservation - R Roads with Slips, Slop Secondary Roads Mt Province Bdry-Cala Abbut Sect) - K0529	Rehabilitation/ Red be Collapse, and L anan-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 / 5,277.78 Square meters	₱ 17,369.99 Square meters	₱ 91,675,000.00	CW1- Construction of Road Slope Protection Structure / 4,412.5 Square meters	P 20,776.20/ Square meters	₱ 91,675,000.00
EAO		₱ 3,325,000.00	EAO	_	₱ 3,325,000.00

Justification:

Change in Station Limits in the Project Description and Decrease in physical target for CW1 - Construction of Road Slope Protection Structure from 5,277.78 Square Meters to 4,412.5 Square Meters due to the following:

Total: P 95,00,000.00

- 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 - P00715094LZ.
- 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).

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, 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.

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

2.3 Idam/MLS/AVS/AGC/ERP



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/Origina	I consideration of the second		As Modified	R Mark Street
		Project D	Description		
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 H	ehabilitation/ Red e Collapse, and L nan-Pinukpuk-Ab	onstruction of andslide -	OO1: Ensure Safe and Asset Preservation - F Roads with Slips, Slop Secondary Roads Mt Province Bdry-Cala Abbut Sect) - K0529	Rehabilitation/ Records Collapse, and Land Land Land Land Land Land Land	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 /	₱ 17,369.99	₱ 91,675,000.00	CW1- Construction of Road Slope Protection Structure /	₱ 20,776.20/	₱ 91,675,000.00

Justification:

5,277.78 Square

meters EAO

Change in Station Limits in the Project Description and Decrease in physical target for CW1 - Construction of Road Slope Protection Structure from 5,277.78 Square Meters to 4,412.5 Square Meters due to the following:

₱ 3,325,000.00

₱ 95,00,000.00

 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 - P00715094LZ.

4,412.5 Square

meters

EAO

Square meters

Total:

₱ 3,325,000.00

₱ 95,000,000.00

- 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).

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Square meters

Total:

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 Undersecretary for Planning and PPP Services

APPROVED/DISAPPROVED:

EUGENIO R PIPO, IR.

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

2.3 Idam/MLS/AVS/AGC/ERP



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 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 + 192 - K529 + 232, under the FY 2023 General Appropriations

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

FROM	the project stated below:
Mt Province Bdry-Calanan-Pinukpuk-Abbut Rd (Pinukpuk-Abbut Sect) - K0529 + 192 - K529 + 232	TO
Physical Target: 5,277.78 Square Meters	Physical Target: 4,412.5 Square Meters Amount: ₱ 95,000,000.00

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

For your favorable consideration.

District Engineer

CAR 15.1 MAE/ABN/JLA

Tables for Modification Request Form

A. GENERAL

1. REGION		2. DEO	otat Facility of a Offi	100000000		VE DISTRICT	
Cordillera Admini			trict Engineering Offic			NE DISTRICT)	
4. UACS (Unified A	B. ORIGINAL PROJECT Account Code Structu 0		1	PROPOSED REV			
5. Project Id P00715095LZ							
6. Project Catego OO1: Ensure Safe	r y and Reliable National	Road System					
7. Sub-Program (F Asset Preservation	P/A/P) n - Rehabilitation/ Rec	onstruction of Road	s with Slips, Slope Co	llapse, and Lar	ndslide - S	econdary Roads	
B. Operating Unit	trict Engineering Offic	e	18. Operating Unit Lower Kalinga Distr			1 approval)	
9. Type of Work (Enter Details for all Co	omponents below)	19. Type of Work (Enter Details fo	or all Com	ponents below)	
Component ID	Type of Work		Component ID	Type of W	/ork		
CW1	Construction of Protection Struc	Control of the Contro	CW1	Construct Structure	ion of Roa	ad Slope Protection	
Mt Province Bdry-	CRIPTION (as recorded Calanan-Pinukpuk-Ab 29 + 192 - K529 + 232		20. PROJECT DESCR Mt Province Bdry-C Sect) - K0529 + 269	alanan-Pinukpi			
11. ALLOTMENT (1 95,000	P'000) (as recorded in	GAA)	21. REVISED ESTIMA (P'000) (Equal to, o GAA allotment) 95,000		from Fi	(To be obtained nancial ement office)	
12. PHYSICAL TAR below)	GET (Enter Details for	all Components	23. PHYSICAL TARG	ET (Enter Deta	ils for all	1	
Component ID	Target	Target Unit	Component ID	Target		Target Unit	
CW1	5,277.78	Square Meters (m2)	CW1	4412.5		Square Meters (m2)	
13. UNIT COST (Er	nter Details for all Con	nponents below)	24. UNIT COST (Ent	er Details for a	II Compo	nents below)	
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	91,675	17.36999	CW1	91,675		20.77620	
EAO	3,325		EAO	3,325			

ables for Modification Request Form

accordar	nce with DO 65 Seri	es 2014)		accordar	ECT WORK LOCA ace with DO 65 Se nal Road project	ries 2014. Also	defined in strict complete "ANNEX A"
	nce Bdry-Calanan-P ect) - K0529 + 192 - I		but Rd (Pinukpuk-		nce Bdry-Calanan 1529 + <mark>269</mark> - K529	(175.0)	ıt Rd (Pinukpuk-Abbu
Start X	121.4132417	End X	121.413925	Start X	121.41328	End X	121.41392
Start Y	17.6545000	End Y	17.6539000	Start Y	17.65436	End Y	17.65377
15. ROAI Secondai	O CLASSIFICATION (ry Road	if applicabl	e)	26. ROAL	CLASSIFICATION y Road	(if applicable)	
Office of	EMENTING OFFICE the original project linga District Engine	t)		the prop	EMENTING OFFIC osed revised proj linga District Engi	ect)	mplementing Office o
17. PROJ	ECT IMPLEMENTAT	ION PLAN (PIP)	28. PROJ	ECT IMPLEMENTA	ATION PLAN (PI	P)
Planned : 02/25/20	Start Date	Planned 7/16/20	End Date 23	Planned 04/28/20	Start Date 23	Planned Er 10/25/202	
				29. OVER	LAP?	30. UNDER	WARRANTY?
			D. ATTACHMEN	ITS & JUST	IFICATIONS		
Change i	otection Structure The change in sta another CY 2023 F The decrease in to permanent ground Mat (Type 4), Perr contributed to the protection.	the Project from 5,27 ation limits RSMS project he physical anchors amanent Grandresse in the project from the physical anchors amanent Grandresse in the physical from the ph	ct Description and 7.78 Square Meter is to synchronize ect with Project ID I target/ increase as recommended in bound Anchor, Hyd in unit cost thereor	Decrease s to 4,412 with the - P00715 in unit con the desiroseeding a causing a	in physical targ 2.5 Square Mete decrease in the 094LZ. st for CW1 is d gn analysis. The and Active Wire a deduction in the	et for CW1 - Crs due to the fee Physical Targue to the design project utilized Mesh System he target area	get and connect will gn length of 5-meted the Erosion Control (High Tensile) which of the proposed slop
	(DUPA) See the at						Unit Price Analysis Regional Director.
are the for	ollowing supportin	ng docume ing Design	nts: Approved Pro (DED), Certificate	gram of V e of Availa	orks (POW) wit	h Detailed Uni	projects. Attached t Price Analysis Geotagged photos,
33. PHOT	OS SUBMITTED						
4. A MA	D OF THE BRODGE						
	P OF THE PROPUSE	D PROJECT	WORK LOCATION S	UBMITTE)		

Tables for Modification Request Form

	35. F	REPARED BY	(:
Name:	ALPREDO 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: Position: Date:	JULIUS V. ASENCIO OIC-Chief, Planning & Design Section	Name: Position: Date:	ANGELITAB. MABITAZAN Chief, Planning and Design Division
37. RECOMP	MENDED BY DISTRICT OFFICE (If Required)	o resultant	39. RECOMMENDED BY REGIONAL OFFICE
Name:	RUBY A. UYAM	Name:	KHADAFPY D. TANGGOL
Position:	bistrict Engineer	Position:	Regional Director
Date:		Date:	3-83, 1167

Tables for Modification Request Form

UACS (Unified Acc 310108101287000		ucture as def	ined in GAA)		
Project Id P00715095LZ					
	40.	DPWH OFFI	E OF THE UNDERSEC	RETARIES FOR OPERA	ATIONS
Primary Reason fo	or Request (ba	sed on Categ	ory of Modification):	(choose one)	The state of the s
Category A	Category I	В	Category C	Category D	Impact
☐ Typographical error on Project Description	☐ Change	ns e in Station e in Physical	☐ 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 by	Office of the Unders	ecretary for Operati	ons
Name:	Engr. MANUE	L SINGSON	I	Engr. ANTONIC	V. SOBREVIÑAS, JR.
Signature				/	wy .
Position:	Project Mana	gerl		Project Manage	er II
Date:		41	4/23	1	4/4/23
			41. DPWH PLANNING	G SERVICE	
Category of Modif (please check the a		Categor Categor Categor	y A – Typographical Er y B – Change in Station y C – Change in Location y D – Change in Opera ation does not comply	n Limits on, due to non-existi ting Unit (requires D	BM approval)
			Reviewed by Plannin	ig Service	
Name:	ANNA ANDRE	EA M. NOCHE	Name:	PETER PAUL R.	CORTEZ
Signature	Mid	vem	Signatu	re: fav.	b
Position:	Regional Coo	rdinator	Position	OIC - Chief of Pr	ogramming Division
Date:	4-12-	-23	Date:		

ANNEX A: Project Work Location Details for National Roads

Section ID	Start Limit	End Limit	Start	End	Length	Type of	Detail Scope of		Physical
	LRP + Disp	LRP + Disp	Chainage.	Chainage	Ξ	Work	Work	Unit	Target
S05935LZ	K0529 + 269	K529 + 365	7033	7143	96	Construction of Road Slope Protection Structure	Rockfall Netting with Erosion Control Mat (Type4), Hydroseeding & Permanent Ground Anchor	Square Meters	4,412.5