

Republic of the Philippines DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS **OFFICE OF THE SECRETARY** MANILA

June 23, 2021

MEMORANDUM

TO : OIC – Regional Director KHADAFFY D. TANGGOL Cordillera Administrative Region

ATTENTION : OIC - District Engineer RUBY A. UYAM

Lower Kalinga District Engineering Office

Transmitted herewith are the **duly approved** Request for Modification for the project under FY 2021 General Appropriation Act (GAA), RA 11518, viz:

Date	As per GAA/C	Driginal	As Modified			
Approved	Project Description					
	1. Tabuk-Banawe via Tanu K0540 + 520 - K0540	-	Tabuk-Banawe via Tanudan + 188 - K0513 + 797, K0514 + 088, K0514 +52 K0516 + 689 - K0516 + 7 - K0533 + 780, K0537 + 540, K0542 + 620, K0542	K0513 + 816 - 5 - K0514 + 677, 723, K0533 + 720 + 480 - K0537 +		
June 23, 2021	CW-1 Construction of Road Slope Protection Structure 1,250 Square Meters	₽ 24,500,000	CW-1 Construction of Road Slope Protection Structure 1,100 Square Meters	₽ 13,750,000		
			CW-2 Preventive Maintenance of Road: Asphalt Overlay 2.038 Lane KM	₽ 10,750,000		
	EAO	₽ 500,000	EAO	₽ 500,000		
	Total	₽ 25,000,000	Total	₽ 25,000 ,000		
	2. Tabuk-Banawe via Ta		Tabuk-Banawe via Tanudan + 685 - K0510 + 745, K0512 + 473, K0514 + 12 K0514 + 930 - K0514 - 9 - K0518 + 680, K0524 +	K0512 + 458 - 20 - K0514 + 160, 40, K0518 + 650 + 489 - K0524 +		
	K0537 + 760 - K0537	+ 862	514, K0541 + 700 - K05 + (-157) - K0509 +193 K0509 + 900, K0510 + 90 K0513 +054 - K0513 + 1	, K0509 + 564 - 9 - K0511 + 191,		
June 23, 2021	CW-1 CW-1 Construction of Road Slope Protection Structure 1,388.889 Square Meters	+ 862 ₽ 24,500,000	+ (-157) - K0509 +193	, K0509 + 564 - 9 - K0511 + 191,		
	CW-1 Construction of Road Slope Protection Structure 1,388.889		+ (-157) - K0509 +193, K0509 + 900, K0510 + 90 K0513 +054 - K0513 + 1 CW-1 Construction of Road Slope Protection Structure 1,631	, K0509 + 564 - 19 - K0511 + 191, 88		
	CW-1 Construction of Road Slope Protection Structure 1,388.889		+ (-157) - K0509 +193, K0509 + 900, K0510 + 90 K0513 +054 - K0513 + 1 CW-1 Construction of Road Slope Protection Structure 1,631 Square Meters CW-2 Preventive Maintenance of Road: Asphalt Overlay 2.242	, K0509 + 564 - 99 - K0511 + 191, 88 ₽ 12,796,617		

1	 Balbalan-Pinukpuk Rd - 1023 - Chainage 1062 Chainage 2383, Chainage 18814, Chainage 19 19593, Chainage 2471 Chainage 25580 - Chain 25722 - Chainage 2606 	, Chainage 2332 – ge 18742 - Chainage 3569 - Chainage 1 - Chainage 24738, age 25652, Chainage	Balbalan-Pinukpuk Rd - (S00537LZ) Chainage 1023 - Chainage 1062, Chainage 2366 - Chainage 2383, Chainage 18742 - Chainage 18814, Chainage 24711 - Chainage 24738, Chainage 25580 - Chainage 25652, Chainage 25722 - Chainage 25882		
June 23, 2021	CW-1 Construction of Road Slope Protection Structure 3,121.4 Square Meters	₽ 34,810,580	CW-1 Construction of Road Slope Protection Structure 2,752 Square Meters	₽ 34,810,580	
	EAO	₽ 710,420	EAO	₽ 710,420	
	Total	₽ 35,521,000	Total	₽ 35,521,000	
	4. Bulanao-Paracelis Rd - k + 000, K0507 + 523 -		Bulanao-Paracelis Rd - K050 000	5 + 997 - K0506 +	
June 23, 2021	CW-1 Construction of Road Slope Protection Structure 321 Square Meters	₽ 2,663,640	CW-1 Construction of Road Slope Protection Structure 192 Square Meters	₽ 2,663,640	
	EAO	₽ 54,360	EAO	₽ 54,360	
	Total	₽ 2,718,000	Total	₽ 2,718,000	
	5. Tabuk-Banawe via Ta K0520 + 540 - K0520		Tabuk-Banawe via Tanudan- + 394 - K0543 + 474	-Barlig Rd - K0543	
June 22, 2021	CW-1 Construction of Road Slope Protection Structure 2,239.3 Square Meters	₽ 43,890,280	CW-1 Construction of Road Slope Protection Structure 1,680 Square Meters	₽ 43,890,280	
	EAO	₽ 895,720	EAO	₽ 895,720	
	Total	₽ 44,786,000	Total	₽ 44,786,000	

In this regard, please be reminded that a **project can only be modified once** as prescribed under the FY 2021 GAA, and all approved modifications **shall be posted in the DPWH website within five (5) days from receipt thereof.** Failure to comply with this requirement shall be meted with appropriate sanctions.

Please be guided accordingly.

RAFAEL YABUT

Senior Undersecretary Undersecretary for Regional Operations Regions I, II, III, IV-A, V and CAR

cc: Unclersecretary MARIA CATALINA E. CABRAL, Ph.D., Information Management, Planning and PPP Services Assistant Secretary WILFREDO S. MALLARI., Regional Operations in Regions I, II, III, IV-A, V and CAR

2.1 RMYR/LSDR

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N. P. S		
		Ref No. CAR - 156
	Republic of the Philippines	h
	DEPARTMENT OF PUBLIC WORKS AND CENTRAL OFFICE	HIGHWAYS
	Manila	
Name of Project:	Programming Division Evaluation Sheet	Project ID: P00506002LZ
	<u> Tanudan-Barlig Rd - K0520 + 540 - K0520 + 560</u>	
		Appropriation:44,786,000
Implementing Office:	Lower Kalinga District Engineering Office	Date: 05/24/2021
A. <u>TYPE OF REC</u>		
A.1	Change in Implementing Office/Operating Unit due	to
A.1.1	Geographical Jurisdiction	
A.1.2	Approval of Authority to Bid/Implement	DPWH - OSEC
A.2	PROJECT MODIFICATION/ADJUSTMENTS	ECETTEN
A.2.1 A.2.2	Typographical Error/s Change in Location (for <u>non-existent locations</u> onl	necerv
A.2.3	✓ Change in Station Limits	JUN 2 1 2021
A.2.4	Addition/Deletion of Word/s	
A.2.5	Change in Project Component/s Details	By:Time:
	A.2.5.1 ✓ Change in Targets ONLY	Control No.: 2 - 733
	A.2.5.2 Change in <u>Scope of Work ONLY</u> A.2.5.3 Change in <u>Component Amount ONLY</u>	
	A.2.5.4 Addition of Component ONLY (incl. EXC Co	mponent)
	A.2.5.5 Deletion of Component ONLY	
	A.2.5.6 Movement of Funds bet. Components ONL	Y
B. EVALUATION	A.2.5.7 MULTIPLE changes in Component Details	
B.1	MAY BE ALLOWED as per the GAA Provisions	
B.2	NOT ALLOWED as per the GAA Provisions	
c. FUND SOURC	E FY 2021 GAA, R.A. 11518	
C.1	FLR ([] Released [] Unreleased)	Amount: 44,786,000
C.2 🗸	FCR	
D. Remarks:	Decrease in target by 24.98% and increase in unit cost by 3	33.29%.
	$\wedge \wedge$	
		W.L.
Evaluated By:	CHRISTYBEL CANUEL Noted By	LEONORA C. GALANG
Evaluated by:	Regional Coordinator	Section Chief
	ACTION SLIP	Ref No CAR - 156
Project ID: P0050600	D2LZ	Date: 05/24/2021
FOR : USEC FOR OPE		
		ERP, Jr. EKS
REMARKS:	Reviewed by Planning Service Recommended for Approval	
	Remarks:	
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	- Cuan	nt
	MARIA CATALINA E. CAB	
	Undersecretary for Information Manager	nent, Planning and PPP Serrvices
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Republic of the Philippines DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS **OFFICE OF THE SECRETARY** MANILA

FOR : MARK A. VILLAR Secretary

Respectfully forwarded is the Memorandum dated April 27, 2021 of OIC-Regional Director **KHADAFFY D. TANGGOL, DPWH-CAR,** endorsing the request of District Engineer **RUBY A. UYAM**, **Lower Kalinga DEO**, requesting for the **modification** of project under the FY 2021 GAA, RA 11518, to wit:

11

As per GAA/Original				s Modified	
Project Description	1				
UACS No. 310	1091006210	00			
Project ID: P00	506002LZ				
OO1: Ensure Safe and	d Reliable Natio	onal Road System	OO1: Ensure Safe and	d Reliable Natio	onal Road System
Asset Preservation - National Roads wit Landslide - Tertiary R	h Slips, Slop		Asset Preservation - Rehabilitation/ Reconstruction of National Roads with Slips, Slope Collapse, and Landslide - Tertiary Roads		
Tabuk-Banawe via Ta - K0520 + 560	nudan-Barlig R	d - K0520 + 540	Tabuk-Banawe via Ta - K0543 + 474	nudan-Barlig R	d - K0543 + 394
Physical Target	Unit Cost	Allocation	Physical Target	Unit Cost	Allocation
CW-1 Construction of Road Slope Protection Structure 2,239.3 Square Meters	₽ 19,600 / Square Meters	₽ 43,890,280	CW-1 Construction of Road Slope Protection Structure 1,680 Square Meters	₽ 26,125 / Square Méters	₽ 43,890,280
EAO	-	₽ 895,720	EAO	-	₽ 895,720
Total:		₽ 44,786,000	Total:		₽ 44,786,000
 Justification 14 % during in the province of the prov					

- structure.
- The derived unit cost and physical target were based on the approved plans, POW, DUPA, CMPD and Certificate of Reasonableness of Cost.

Based on our evaluation, the submitted request for modification of the said project is in order; hence, approval hereof is recommended.

RAFAEI C. YABUT

Senior Undersecretary Undersecretary for Operations Regions I, II, III, IV-A, V and CAR

APPROVED/DISAPPROVED:

MARK A. VILLAR 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, Baguio City

April 23, 2021

MEMORANDUM

FOR : MARK A. VILLAR

Secretary



- THRU : RAFAEL C. YABUT Senior Undersecretary Undersecretary for Regional Operations Regions I, II, III, IV-A, V & CAR
- SUBJECT : Request for the Modification of the Project: Asset Preservation -Rehabilitation/ Reconstruction of National Roads with Slips, Slope Collapse, and Landslide - Tertiary Roads-Tabuk-Banawe via Tanudan-Barlig Rd - K0520 + 540 - K0520 + 560, Tanudan, Kalinga under the FY 2021 General Appropriations Act

We are respectfully forwarding the Memorandum dated April 19, 2021 of District Engineer Ruby A. Uyam, Lower Kalinga District Engineering Office requesting for the modification of the above project in the amount of **Forty Four Million Seven Hundred Eighty Six thousand Pesos (Php 44,786,000.00)** as indicated below:

FROM Asset Preservation - Rehabilitation/ Reconstruction of National Roads with Slips, Slope Collapse, and Landslide -Tertiary Roads-Tabuk-Banawe via Tanudan-Barlig Rd – K0520 + 540 - K0520 + 560

Physical Target: **2,239.30** Square Meter Amount : ₱44,786,000.00 то

Asset Preservation - Rehabilitation/ Reconstruction of National Roads with Slips, Slope Collapse, and Landslide -Tertiary Roads-Tabuk-Banawe via Tanudan-Barlig Rd – **K0543 + 394 - K0543 + 474**

Physical Target: **1,680.00** Square Meter Amount : ₱44,786,000.00

The supporting documents in accordance with D.O. #37, Series of 2018 are attached for your perusal.

For the consideration of the Secretary.

2. TANGGOL KHAD OIC-Re Director

CAR.1 RBP/EFD/AOD/ABM



Republic of the Philippines DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS CORDILLERA ADMINISTRATIVE REGION Engineer's Hill, Baguio City

April 23, 2021

MEMORANDUM

FOR	:	MARK
		Convet

Secretary

THRU : RAFAEL C. YABUT Senior Undersecretary Undersecretary for Regional Operations Regions I, II, III, IV-A, V & CAR

A. VILLAR

SUBJECT : Request for the Modification of the Project: Asset Preservation -Rehabilitation/ Reconstruction of National Roads with Slips, Slope Collapse, and Landslide - Tertiary Roads-Tabuk-Banawe via Tanudan-Barlig Rd - K0520 + 540 - K0520 + 560, Tanudan, Kalinga under the FY 2021 General Appropriations Act

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FROM Asset Preservation - Rehabilitation/ Reconstruction of National Roads with Slips, Slope Collapse, and Landslide -Tertiary Roads-Tabuk-Banawe via Tanudan-Barlig Rd – K0520 + 540 - K0520 + 560

Physical Target: **2,239.30** Square Meter Amount : ₱44,786,000.00 то

Asset Preservation - Rehabilitation/ Reconstruction of National Roads with Slips, Slope Collapse, and Landslide -Tertiary Roads-Tabuk-Banawe via Tanudan-Barlig Rd – **K0543 + 394 - K0543 + 474**

Physical Target: **1,680.00** Square Meter Amount : ₱44,786,000.00

The supporting documents in accordance with D.O. #37, Series of 2018 are attached for your perusal.

For the consideration of the Secretary.

KHADA TANGGOL OIC-Re irector

CAR.1 RBP/EFD/AOD/ABM



Republic of the Philippines DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS **LOWER KALINGA DISTRICT ENGINEERING OFFICE** Cordillera Administrative Region Bulanao, Tabuk City, Kalinga

April 19, 2021

MEMORANDUM

- FOR : KHADAFFY D. TANGGOL Regional Director
- THRU : ANGELITA B. MABITAZAN Chief, Planning & Design Division
- SUBJECT : Modification CY 2021 GAA Asset Preservation Rehabilitation/ Reconstruction of National Roads with Slips, Slope Collapse, and Landslide - Tertiary Roads-Tabuk-Banawe via Tanudan-Barlig Rd -K0520 + 540 - K0520 + 560, Tanudan, Kalinga under the FY 2021 General Appropriations Act.

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

FROM	ТО		
Asset Preservation - Rehabilitation/	Asset Preservation - Rehabilitation/		
Reconstruction of National Roads with Slips,	Reconstruction of National Roads with Slips,		
Slope Collapse, and Landslide - Tertiary Roads-Tabuk-Banawe via Tanudan-Barlig Rd - K0520 + 540 - K0520 + 560			
Physical Target : 2,239.3 Square meters	Physical Target: 1,680 Square meters		
Amount : ₱ 44,786,000.00	Amount : ₱ 44,786,000.00		

Attached are all Supporting documents based on Guidelines to be used in the Evaluation of Realignment/Modification for FY 2015 GAA/D.O No. 12, series of 2015.

For your favorable consideration.

RUBY A. UYAM Assistant District Engineer OIC-Office of the District Engineer

CAR.15.1 MBA/ABN/RLF

orm for Modification Request

		A. (GENERAL			
1. REGION CORDILLERA ADMINIST	REGION 2. DEO ORDILLERA ADMINISTRATIVE REGION LOWER KALINGA DISTRICT				EGISLATI\ NGA LONE I	/E DISTRICT
В	. ORIGINAL PROJE	ст	C. PRO	POSED REV	ISED PRO	JECT
4. UACS (Unified Acco 310109100621000	unt Code Structure as de	fined in GAA)				
5. Project Id P00506002LZ						
6. Project Category OO1: Ensure Safe an	nd Reliable National	Road System				
7. Sub-Program (P/ Asset Preservation		onstruction of Nation	al Roads with Slips, Slope	e Collapse, an	d Landslig	de - Tertiary Roads
8. Operating Unit Lower Kalinga Distri	ct Engineering Office	2	18. Operating Unit (Cha Lower Kalinga District E			al)
9. Type of Work (En	ter Details for all Compor	nents below)	19. Type of Work (Enter	Details for all C	omponents	below)
Component ID	Type of Work		Component ID	Type of W	/ork	
P00506002LZ-CW1	Construction of I Protection Struct		P00506002LZ-CW1	Construct Structure	ion of Roa	ad Slope Protection
Asset Preservation - National Roads with		onstruction of	20. PROJECT DESCRIPT Asset Preservation - Re Roads with Slips, Slope Tabuk-Banawe via Tanu	habilitation/ Collapse, and	Reconstru d Landslid	uction of National e - Tertiary Road-
11. ALLOTMENT (P' 44,786	000) (as recorded in GA	A)	21. REVISED ESTIMATED COST (P'000) (Equal to, or lower than GAA allotment) 22. CAF (To be obtained for Financial Management office MYES44,786Supervisional Content of the conte			
12. PHYSICAL TARG	ET (Enter Details for all (Components below)	23. PHYSICAL TARGET	Enter Details fo	r all Compo	nents below)
Component ID	Target	Target Unit	Component ID	Target		Target Unit
P00506002LZ-CW1	2,239.30	Square Meters (m2)	P00506002LZ-CW1	1,680		Square Meters (m2)
P00506002LZ-EAO			P00506002LZ-EAO			
13. UNIT COST (Ente	r Details for all Compone	nts below)	24. UNIT COST (Enter De	tails for all Com	ponents 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)
P00506002LZ-CW1	43,890.28	19.60	P00506002LZ-CW1	43,890.28		26.125
P00506002LZ-EAO	895.72		P00506002LZ-EAO	895.72	/	
accordance with DO 65	LOCATION (Must be of Series 2014) Fanudan-Barlig Rd - K		25. PROJECT WORK LO DO 65 Series 2014. Also co projects under OO-1 an	mplete "ANI	and the second state of th	
+ 560	-		Tabuk-Banawe via Tanı	ıdan-Barlig R	d - K0543	+ 394 - K0543 + 474

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Start X	17.27246667	End X	17.272275	Start X	17.27246667	End X	17.2720513 🦯
Start Y	121.2414389	End Y	121.2415111	Start Y	121.2414389	End Y	121.241594 -
15. ROA Tertiary	D CLASSIFICATION	(if applicable)		26. RO Tertiary	AD CLASSIFICATION	(if applicable)	
original pr			plementing Office of the	proposed	LEMENTING OFFICE revised project) ower Kalinga Distric		
17. PRO	JECT IMPLEMENTA	TION PLAN (PIP)	28. PRC	JECT IMPLEMENTA	TION PLAN (PI	P)
Planned April 15,	Start Date 2021		End Date per 11, 2021	Planne June 15	d Start Date	Planned January 3	End Date
				29. OVI	ERLAP?	30. UNDI	ER WARRANTY?
			D. ATTACHMEN	ITS & JU	STIFICATIONS		
31. PRO	JECT IMPACT ANAL	YSIS ATTACH	ED? (For Flood Control F	Projects)			
		× N/	Ά				

32. TECHNICAL JUSTIFICATION (Explain in detail in Bullet point format; minimum of 2 points)

- The revised station limit reflects a more critical section which needs immediate counter measure to avoid further soil
 collapse that may totally damage the remaining pavement and other road component (see attached geotagged photos
 for the actual site condition).
- This project will include the construction of retaining wall and thick wall reinforce concrete (see attached plan for the details). Before reconstructing the damaged PCCP with curb and gutter, the carriageway will be laid with Geotextile every after 300mm layer of well graded gravel. The Geotextile, which covered more than 50% of the project cost, will enhance the stability of the embankment material.
- Furthermore, sheet piles will also be installed below the Geogrids and slope protection structures that will hold and act as foundation of the whole structure. These resulted to the increase in unit cost of the project. The resulting estimated unit cost is nonetheless considered reasonable since the unit cost of items of work involved are within the range of the prevailing cost of the Department.

Form for Modification Request

and the second			
	35. P	REPARED BY	
Name:	ALEREDO B. NGAO-I	Position:	ENGINEER II
Office:	DPWH- Lower Kalinga District Engineering Office	Date:	4/16/2021
36. REV	VIEWED BY DISTRICT OFFICE (If Required)		38. REVIEWED BY REGIONAL OFFICE
Name:	RAFAELL FERNANDO	Name:	ANGELITA B. MABITAZAN
Position:	Chief Planning and Design Section	Position:	Chief Planning and Design Division
Date:	4/16/2021	Date:	7
37. RECON	MMENDED BY DISTRICT OFFICE (If Required)		39. RECOMMENDED BY REGIONAL OFFICE
Name:		Name:	KHADAFFKD. TANGGOL
Position:	Assistant District Engineer OIC, Office of the District Engineer	Position:	OIC-Regional Director
Date:	4/16/2021	Date:	

Form for Modification Request

UACS (Unified Account Code Structure as defined in GAA)

310109100621000

Project Id

P00506002LZ

40	. DPWH OFFICE OF THE UNDERSECRETARIES FOR OPERATIONS USE ONLY
Category of Modification (choose one)	 Category A - Typographical Errors Category B - Change in Station Limits, due to increase or decrease in budget Category C - Change in Location Category D - Change in Operating Unit (requires DBM approval) Adjustment - Send to PS-PD to amend MYPS Modification does not comply with DBM Categories Augmentation
Primary Reason for Request (based on Category of Modification): (choose one)

Category A	Category B	Category C	Category D	Adjustment (Must be no change to target or GAA line item)
 Typographical error on Project Description Project Description needs items removed due to typo error 	 Overlapping Sections of Work Change in station limits, due to increase or decrease in budget Change in Physical Target 	 No such Barangay No such City/Municipality 	Change in (IO), requiring a change in the (OU)	 Typographical error on Project Component Description Typographical error on other fields not included in, or not consistent with GAA Move funds between Project Components Add/delete Project Components Change of Itemized Project Component: Various Description Location Amount Target
	Reviewed by	Office of the Undersecre	etary for Operations	
Name:	RHOFEL MARIE 7	PEBALADD		
Signature	The state			
Position:	ENGINEER IV			
Date:				
	41. DPW	/H PLANNING SERVICE OI	FFICE USE ONLY	
Category of Modificat (choose one)	Lion Category B - Category C - Category D - Adjustment	 Typographical Errors Change in Station Limits, due to Change in Location Change in Operating Unit (requestion) Send to PS-PD to amend MYPS does not comply with DBM Caton 	uires DBM approval) S	dget
		Reviewed by Planning S	ervice	
Name: Signature Position:	CHUSTA & CAN Regional Cordinator	WOL Name: Signature: Position:	Lauf Chief of Programm	ing Division 🖌
Date:	८ भिन 91	Date:	4	25 2021

Annex A to Form for Modification Request

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Physical Target	1,680			
Target Unit	Square Meters			
Detail Scope of Work	Retaining Wall with Geotextiles			
Type of Work	Construction of Road Slope Protection Structure			
Length (m)	80			
End Chainage	35519			
Start Chainage	35439			
End Limit LRP + Disp	K0543 + 474			
Start Limit LRP + Disp	K0543 + 394			
Section ID	S00583LZ			
Component ID	P00506002LZ - CW1			