

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

June 28, 2021

MEMORANDUM

то

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

ATTENTION : District Engineer ROMMEL E. FABI

Ifugao 1st 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									
	 Kiangan-Tinoc-Buguias K0335 + 713, K033 101, K0355 + 680 - K03 	7 + 085 - K0337 +	Kiangan-Tinoc-Buguias Rd - K0330 + 054 - K0330 + 074, K0337 + 085 - K0337 + 101, K0355 + 680 - K0355 + 703							
June 28, 2021	CW-1 Construction of Road Slope Protection Structure 484 Square Meter	₽ 8,820,000	CW-1 Construction of Road Slope Protection Structure 726 Square Meter	₽ 8,820,000						
	EAO	₽ 180,000	EAO	₽ 180,000						
	Total	₽ 9,000,0000	Total	₽ 9,000,0000						
June 28, 2021	 Banaue-Hungduan-Beng K0357 + 262 - K0357 + - K0358 + 571, K0363 - 141, K0364 + 578 - K0 + 678 - K0365 + 861 	· 309, K0358 + 485 + 116 - K0363 +	Banaue-Hungduan-Benguet Bdry Rd – K0 + 144 – K0357 + 191, K0357 + 262 - K0357 + 309, K0358 + 485 - K0358 + 57 K0363 + 116 - K0363 + 175, K0364 + 57 K0364 + 629, K0365 + 486 – K0365 +552, K0365 + 678 - K0365 + 861, K03 + 877 – K0366 + 890, K0367 + 270 - K0367 + 383, K0368 + 158 – K0368 - 180, K0370 + 056 – K0370 + 156							
	CW-1 Construction of Road Slope Protection Structure 2525.69 Square Meter		CW-1 Construction of Road Slope Protection Structure 4524.95 Square Meter	₽ 39,200,000						
	EAO	₽ 800,000	EAO	₽ 800,000						
	Total	₽ 40,000,0000	Total	₽ 40,000,0000						

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.

RAFAE

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

cc: Undersecretary 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

Ref No. CAR - 040



Republic of the Philippines DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS **CENTRAL OFFICE** Manila





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 March 8, 2021 of OIC-Regional Director **KHADAFFY D. TANGGOL, DPWH-CAR,** endorsing the request of **District Engineer ROMMEL E. FABI, Ifugao** 1st **DEO**, requesting for the **modification** of project under the FY 2021 GAA, RA 11518, to wit:

	s per GAA/Origi	nal		As Modified						
Project Descript	tion									
	1010910061100	00								
Project ID: P	00505860LZ									
OO1: Ensure Safe	and Reliable Natio	onal Road System	OO1: Ensure Safe and Reliable National Road System							
	with Slips, Slope	Reconstruction of Collapse, and	Asset Preservatio National Roads Landslide - Tertia	with Slips, Slop	n/ Reconstruction of De Collapse, and					
K0357 + 309, K0	358 + 485 - K035 141 , K0364 + 57	d - K0357 + 262 - 8 + 571, K0363 + 78 - K0364 + 629,	144 - K0357 + K0358 + 485 - K + 175, K0364 + - K0365 +552 K0366 + 877 -	Banaue-Hungduan-Benguet Bdry Rd - K0357 + 144 - K0357 + 191 , K0357 + 262 - K0357 + 309, K0358 + 485 - K0358 + 571, K0363 + 116 - K0363 + 175 , K0364 + 578 - K0364 + 629, K0365 + 486 - K0365 + 552 , K0365 + 678 - K0365 + 861, K0366 + 877 - K0366 + 890, K0367 + 270 - K0367 + 383, K0368 + 158 - K0368 + 180,						
Physical Target	Unit Cost	Allocation (P)	Physical Target	Unit Cost	Estimated Cost					
CW-1 Construction of Road Slope Protection Structure 2525.69 Square Meter		₽ 39,200,000	CW-1 Construction of Road Slope Protection Structure 4524.95 Square Meter	₽ 8,663 / Square Meter	₽ 39,200,000					
EAO	-	₽ 800,000 🖊	EAO	-	₽ 800,000					
Tot	al:	₽ 40,000,0000	Tot	₽ 40,000,0000						
Total: ₽ 40,000,0000 Total: ₽ 40,000,0000 Justification: Image: A first management of the allocation since it is more than enough to complete the original target and programmed in most economical cost. Image: Addition of station limits to include sections in need of slope protection structures to prevent soil/rock collapse. • The derived unit cost and physical target were based on the approved plans, POW, DUPA, CMPD and Certificate of Cost Reasonableness.										

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

RAFAEL 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

March 8, 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: Rehabilitation/ Reconstruction of Roads with Slips, Slope Collapse, and Landslide Tertiary Roads - Banaue-Hungduan-Benguet Bdry Rd - K0357 + 262 -K0357 + 309, K0358 + 485 - K0358 + 571, K0363 + 116 - <u>K0363 +</u> <u>141</u>, K0364 + 578 - K0364 + 629, K0365 + 678 - K0365 + 861 funded under the FY 2021 General Appropriations Act

We are respectfully forwarding the Memorandum dated February 17, 2021 of District Engineer Rommel A. Fabi, Ifugao First District Engineering Office regarding the above subject amounting to **Forty Million Pesos (Php 40,000,000.00)**, as indicated below:

FROM	ТО
Rehabilitation/ Reconstruction of Roads with Slips, Slope Collapse, and Landslide - Tertiary Roads - Banaue-Hungduan- Benguet Bdry Rd - K0357 + 262 - K0357 + 309, K0358 + 485 - K0358 + 571, K0363 + 116 - K0363 + 141 , K0364 + 578 - K0364+ 629, K0365 + 678 - K0365 + 861	Rehabilitation/ Reconstruction of Roads with Slips, Slope Collapse, and Landslide - Tertiary Roads - Banaue-Hungduan-Benguet Bdry Rd, K0357 + 144 - K0357 + 191 , K0357 + 262 - K0357 + 309, K0358 + 485 - K0358 + 571, K0363 + 116 - K0363 + 175 , K0364 + 578 - K0364+ 629, K0365 + 486 - K0365 + 552 , K0365 + 678 - K0365 + 861, K0366 + 877 - K0366 + 890 , K0367 + 270 - K0367 + 383 , K0368 + 158 - K0368 + 180 , K0370 + 056 - K0370 + 156
Physical Target CW1: 2525.69 square meters	Physical Target CW1: 4524.95 square meters

The supporting documents based on D.O. #37, Series of 2018 are attached for your ready reference.

For the consideration of the Secretary.

KHAD . TANGGOL OIC Director CAR.1 ELD AOD/ABM



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

March 8, 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: Rehabilitation/ Reconstruction of Roads with Slips, Slope Collapse, and Landslide Tertiary Roads - Banaue-Hungduan-Benguet Bdry Rd - K0357 + 262 -K0357 + 309, K0358 + 485 - K0358 + 571, K0363 + 116 - <u>K0363 +</u> <u>141</u>, K0364 + 578 - K0364 + 629, K0365 + 678 - K0365 + 861 funded under the FY 2021 General Appropriations Act

We are respectfully forwarding the Memorandum dated February 17, 2021 of District Engineer Rommel A. Fabi, Ifugao First District Engineering Office regarding the above subject amounting to **Forty Million Pesos (Php 40,000,000.00)**, as indicated below:

FROM	ТО
Rehabilitation/ Reconstruction of Roads with Slips, Slope Collapse, and Landslide - Tertiary Roads - Banaue-Hungduan- Benguet Bdry Rd - K0357 + 262 - K0357 + 309, K0358 + 485 - K0358 + 571, K0363 + 116 - K0363 + 141 , K0364 + 578 - K0364+ 629, K0365 + 678 - K0365 + 861	Rehabilitation/ Reconstruction of Roads with Slips, Slope Collapse, and Landslide - Tertiary Roads - Banaue-Hungduan-Benguet Bdry Rd, K0357 + 144 - K0357 + 191 , K0357 + 262 - K0357 + 309, K0358 + 485 - K0358 + 571, K0363 + 116 - K0363 + 175 , K0364 + 578 - K0364+ 629, K0365 + 486 - K0365 + 552 , K0365 + 678 - K0365 + 861, K0366 + 877 - K0366 + 890 , K0367 + 270 - K0367 + 383 , K0368 + 158 - K0368 + 180 , K0370 + 056 - K0370 + 156
Physical Target CW1: 2525.69 square meters	Physical Target CW1: 4524.95 square meters

The supporting documents based on D.O. #37, Series of 2018 are attached for your ready reference.

For the consideration of the Secretary.

KHADAFFY **D. TANGGOL** OIC - Regional Director

CAR.1 LMC/EFD/AOD/ABM

		A	. GENERAL					
1. REGION Cordillera Adm Region	inistrative	2. DEO Ifugao First Office	District Engineeri	LEGISLATIVE DISTRICT ugao Lone District				
B. OR	IGINAL PRO	JECT	C. PROP	POSED RI	EVISED PROJECT			
4. UACS (Unified 310109100611		tructure as defined	l in GAA)					
5. Project Id P00505860LZ	/							
6. Project Cate 001: Ensure Sa		ble National Ro	ad System					
7. Sub-Progran Asset Preserva Collapse, and L	tion - Rehabi		struction of Natio	onal Roads	s with Slips, Slope			
8. Operating U Ifugao First Dis		ering Office /	18. Operating Unit (Change subject to DBM approval) Ifugao First District Engineering Office					
9. Type of Worl Components below		for all	19. Type of Work (Enter Details for all Components below					
Component ID	Type of Wo	ork	Component ID	Type of	pe of Work			
EAO			EAO					
CW 1	Construction		CW 1	Constru Structu	uction of Slope Protectio			
10. PROJECT D	ESCRIPTION	(as recorded in	20. PROJECT DESCRIPTION (of the revised project)					
(SAA) Rehabilitation/ Reconstruction of National Roads with Slips, Slope Collapse, and Landslide along Banaue-Hungduan- Benguet Bdry Rd - K0357 + 262 - K0357 + 309, K0358 + 485 - K0358 + 571, K0363 + 116 - K0363 + 141, K0364 + 578 - K0364 + 629,			Rehabilitation/ Reconstruction of National Roa with Slips, Slope Collapse, and Landslide along Banaue-Hungduan-Benguet Bdry Rd - K0357+ - K0357+191, K0357+262 - K0357+309, K0358+485 - K0358+571, K0363+116 - K0363+175, K0364+578 - K0364+629, K0365+486 - K0365+552, K0365+678 - K0365+861, K0366+877 - K0366+890, K0367+270 - K0367+383, K0368+158 - K0368+180, K0370+056 - K0370+156					
	K0365 + 678 - K0365 + 861 11. ALLOTMENT (P'000) (as recorded in GAA) 40,000			21. REVISED ESTIMATED COST (P'000) (Equal to, or lower than GAA allotment) 22. CAF (To be obt from Financial Mana office)				
1/			40,000		⊠YES			
12. PHYSICAL		Details for all	23. PHYSICAL TA	ARGET (En	ter Details for all Components			
	Target		Component ID	Target	Target Unit			
AO								

CW 1	2525.69	Square	CW 1	45	524.95	Square Meters			
		Meters (m2)	(m2)						
L3. UNIT COS	(Enter Details for	all Components	24. UNIT	COST (Enter	Details for all	Components below)			
Component ID	mponent Component Target Unit Cost (P'000) Cost (P'000/Target Unit)				omponent ost (P'000)	Target Unit Cos (P'000/Target Unit)			
EAO	800.000		EAO	EAO 80		1			
CW 1	39,200.000	<u>15.521</u> /	CW 1	39	,200.000	8.663			
14. PROJECT	WORK LOCATIC	DN	strict accor	dance with DO	65 Series 201	(Must be defined in 4. Also complete ojects under OO-1			
Start X 121	L.01268 End X	<u>121.00142</u>	Start X	121.0124	End X	120.99707			
Start Y <u>16.</u>	88973 CEnd Y	16.8398	Start Y	16.89071	End Y	16.82074			
15. ROAD CL/ Tertiary	ASSIFICATION (if applicable)	26. ROAI Tertiary	O CLASSIFIC	CATION (if a	oplicable)			
	NTING OFFICE (ffice of the original			EMENTING		cord the Implementing			
Ifugao First D	District Engineer	ing Office 📈	Ifugao Fi	rst District	Engineering	Office			
17. PROJECT (PIP)	IMPLEMENTATI	ON PLAN	28. PROJ	ECT IMPLEN	IENTATION	I PLAN (PIP)			
Planned Start Date Planned End Date December 27, 2021			Planned May 31, 2	Start Date 2021	Planned End Date December27, 2021				
May 31, 2021		(29. OVER	LAP?	30. UND	ER WARRANTY?			
may 31, 2021									
May 31, 2021	D	ATTACHME		STIFICATIO					

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

•The physical target of the project increased from 2,525.69 sq.m. to 4,524.95 sq.m., consequently the original unit cost of Php 15.521/sq.m. decreased to Php 8.663/ sq.m.. As per Detailed Unit Price Analysis the original allocation is more than enough for the original target.

• In order to maximize fund allocation some sections needing immediate slope protections were included.

 33. PHOTOS SUBMITTED

 □NO
 ⊠YES

 34. A MAP OF THE PROPOSED PROJECT WORK LOCATION SUBMITTED

 □NO
 ⊠YES

	2525.69 Square Meters (m2) IT COST (Enter Details for all Components			CW 1 4524		4524.95	Square Meters (m2)
L3. UNIT COS pelow)	(Enter De	etails for a	Il Components	24. UNIT	COST (Ente	r Details for all (Components below)
Component Component ID Cost (P'000)		Target Unit Cost (P'000/Target Unit)			Component Cost (P'000)	Target Unit Cos (P'000/Target Unit)	
AO 800.000			EAO	8	300.000		
CW 1	39,200	.000	15.521	CW 1	3	39,200.000	8.663
14. PROJECT	WORK LC	CATIO	N	strict accor	dance with D	00 65 Series 201	(Must be defined in 4. Also complete ojects under OO-1
Start X 121	01268	End X	<u>121.00142</u>	Start X	121.012	49 End X	120.99707
Start Y <u>16.</u>	<u>88973</u>	End Y	16.8398	Start Y	16.8907	1 End Y	16.82074
	and and an and the second second	TION (if	applicable)	26. ROAD	CLASSIF	CATION (if a	oplicable)
	\SSIFICA			Tertiary			
Tertiary 16. IMPLEME Implementing Of	NTING OI	FFICE (F	roject)	27. IMPL Office of th	e proposed r	G OFFICE (Red evised project) t Engineering	cord the Implementing
Tertiary 16. IMPLEME Implementing Of Ifugao First D 17. PROJECT	NTING O ffice of the District En	FFICE (F original p ngineeri	roject) ng Office	27. IMPL Office of th Ifugao Fi	e proposed r rst Distric	evised project)	Office
Tertiary 16. IMPLEME Implementing Of Ifugao First D 17. PROJECT (PIP) Planned Start	NTING OI ffice of the District En IMPLEME : Date	FFICE (F original p ngineeri ENTATIO Planne	roject) ng Office	27. IMPL Office of th Ifugao Fi 28. PROJ	e proposed r rst Distric ECT IMPLI Start Date	evised project) t Engineering EMENTATION Planned	Office
15. ROAD CLA Tertiary 16. IMPLEME Implementing Of Ifugao First D 17. PROJECT (PIP) Planned Start May 31, 2021	NTING OI ffice of the District En IMPLEME : Date	FFICE (F original p ngineeri ENTATIO Planne	roject) ng Office DN PLAN d End Date	27. IMPL Office of th Ifugao Fi 28. PROJ Planned S	e proposed r rst Distric ECT IMPLI Start Date 2021	evised project) t Engineering EMENTATION Planned Decembo) Office PLAN (PIP) End Date

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

•The physical target of the project increased from 2,525.69 sq.m. to 4,524.95 sq.m., consequently the original unit cost of Php 15.521/sq.m. decreased to Php 8.663/ sq.m.. As per Detailed Unit Price Analysis the original allocation is more than enough for the original target.

• In order to maximize fund allocation some sections needing immediate slope protections were included.

 33. PHOTOS SUBMITTED

 □NO
 ⊠YES

 34. A MAP OF THE PROPOSED PROJECT WORK LOCATION SUBMITTED

 □NO
 ⊠YES

		0 35.1	PREPARED	BY:				
Name:	ANGELIO	UE P. PATAWEG	Position:	ENGINEER I	I			
Office:		st District	Date:					
36. REVIEW	ED BY DIS Require		f 38.	REVIEWED B	Y REGIONAL OFFICE			
Name:	CYNTHIA	O. DANGO	Name:	ANGELITA B	. MABITAZAN			
Position:	Chief, Pla Section	inning and Design	Position:	GChief, Planning and Design Divisi				
Date:		$(\cap$	Date:					
		BY DISTRICT	39. RE	COMMENDER	BY REGIONAL OFFI			
Name:	ROMMEL	E. FABI	Name:	KHADAFF	DITANGGOL			
Position:	District E	ngineer	Position:	OIC-Regiona	al Director			
Date:			Date:					
3101091006 Project Id P00505860L								
Project Id P00505860L	z	Category A – Typog Category B – Chang Category C – Chang Category C – Chang Category D – Chang Adjustment – Send t Modification does no	graphical Errors le in Station Lim e in Location le in Operating to PS-PD to am	its, due to increase o Unit (requires DBM a end MYPS				
Project Id P00505860L 40. Category of Modification (choose one)	Z DPWH OFFJ	 Category A – Typog Category B – Chang Category C – Chang Category D – Chang Category D – Chang Adjustment – Send B Modification does not Augmentation 	graphical Errors le in Station Lim e in Location le in Operating to PS-PD to amo ot comply with I	its, due to increase o Unit (requires DBM a end MYPS DBM Categories	or decrease in budget			
Project Id P00505860L 40. Category of Modification (choose one) Primary Rease	Z DPWH OFFJ on for Requ	 Category A – Typog Category B – Chang Category C – Chang Category D – Chang Category D – Chang Adjustment – Send t Modification does no Augmentation 	graphical Errors te in Station Lim e in Location te in Operating I to PS-PD to amo ot comply with I egory of Mo	hits, due to increase of Unit (requires DBM a end MYPS DBM Categories Ddiffication): (ch	or decrease in budget pproval) noose one)			
Project Id P00505860L 40. Category of Modification (choose one)	Z DPWH OFFJ	 Category A – Typog Category B – Chang Category C – Chang Category D – Chang Category D – Chang Adjustment – Send t Modification does no Augmentation 	graphical Errors te in Station Lim e in Location te in Operating I to PS-PD to amo ot comply with I egory of Mo	its, due to increase o Unit (requires DBM a end MYPS DBM Categories	or decrease in budget			

4 3 5 1 1	£ * - 15	Form for	Modificatio	n Request
				□ Amount □ Target
	Revie	ewed by Office of	of the Underse	cretary for Operations
Name:	RHOPEL	MARIE Y 1	REGANDOO	
Signature	Afre			
Position:	FNCINO	eve (J		
Date:	4 - 13. 2	72-1		
	4	1. DPWH PLANN	ING SERVICE	OFFICE USE ONLY
Category of Modification (choose one)		Category C – Ch	ange in Station Limit ange in Location ange in Operating U and to PS-PD to ame	
		Review	ed by Planning	g Service
Name:	CHRISTYB	EL C. CANUEL	Name:	PETER PAUL R. CORTEZ
Signature		15	Signature:	forfy
Position:	Regional	Coordinator	Position:	OIC - Chief of Programming Division
Date:	4	19/21	Date:	4 m m

.

•

Annex A to Form for Modification Request

Physical Target	188	658	430	96	255	330	1200.25	58.5	580	45	684.2		
Target Unit	Sq.m	Sq.m.											
Detail Scope of Work	Slope Protection Works (Breastwall (L/S))	Slope Protection Works (Gabion (L/S))	Slope Protection Works (Cribwall (L/S))	Slope Protection Works Grouted Riprap (R/S))	Slope Protection Works (Stone Masonry (R/S))	Slope Protection Works (Stone Masonry (R/S))	Slope Protection Works Cribwall (L/S))	Slope Protection Works (Stone Masonry (R/S))	Slope Protection Works Breastwall (L/S))	Slope Protection Works (Stone Masonry (R/S))	Slope Protection Works (Cribwall (L/S))		
Type of Work	Construction of Road Slope Protection Structure												
Length (m)	47	47	86	59	51	99	183	13	113	22	100		
End Chainage	3488	3606	4962	9157	10537	11335	11644	12610	13043	13780	15734		
Start Chainage	3441	3559	4876	8606	10486	11269	11461	12597	12930	13758	15364		
End Limit LRP + Disp	K0357+191	K0357+309	K0358+571	K0363+175	K0364+629	K0365+552	K0365+861	K0366+890	K0367+383	K0368+180	K0370+156		
Start Limit LRP + Disp	K0357+144	K0357+262	K0358+485	K0363+116	K0364+578	K0365+486	K0365+678	K0366+877	K0367+270	K0368+158	K0370+056		
Section	S00498LZ												
Component ID	CW1												

Modification Form Version 01-2019