

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

Manila

June 13, 2023

MEMORANDUM					
TO : KHADAFFY D. TANGGOL Regional Director DPWH-CAR Engineer's Hill, Baguio City					

ATTENTION : RUSTOM A. MARTINEZ District Engineer Mountain Province Second District Engineering Office Natonin, Mountain Province

Transmitted herewith are the **<u>APPROVED</u>** requests for the **modification** of hereunder stated projects:

- OO1: Ensure Safe and Reliable National Road System Asset Preservation -Preventive Maintenance - Tertiary Roads Jct Talubin-Barlig-Natonin-Paracelis-Calaccad Rd – K0472 + 350 – K0472 + 1830 - - - ₱26,789,000.00
- OO1: Ensure Safe and Reliable National Road System Network Development Paving of Unpaved Roads Tertiary Roads Jct Talubin-Barlig-Natonin-Paracelis-Calaccad Rd - K0408 + 741 - K0408 + 939, K0410 + 816 - K0410 + 942 - -₱24,950,000.00

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.

ADOR G. CANLAS Assistant Secretary for Regional Operations in CAR, Regions I, II, IX, X, XI, XII, and XIII

2.3 mksa/AVS/AGC/ERP

	Programming Division Evaluation Sheet
Name of Proje	ect: Project ID: P00711558LZ
	dig-Natonin-Paracelis-Calaccad Rd - K0408 + 741 - K0408 + 939, K0410 + 816 - K0416 + 126 - K0416 + 301
	Appropriation: 24,950,000
Implementing	
Α.	TYPE OF REQUEST
A.1	A.1.1 Geographical Jurisdiction
	A.1.1 Geographical Jurisdiction A.1.2 Approval of Authority to Bid/Implement DPV/H - OSEC
A.2	PROJECT MODIFICATION/ADJUSTMENTS
A.2	
	A.2.1 Typographical Error/s A.2.2 Change in Location (for <u>non-existent locations</u> only) JUN 0.7 2023
	A.2.2 Change in Education (for <u>Horrexistent locations</u> only) Jorr 0 7 its is a second secon
	A.2.4 Addition/Deletion of Word/s
	A 2 5 Control No.: 23-09384
	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
с.	FUND SOURCE FY 2023 GAA, R.A. 11936
C.1	for issuance of SARO (□Released □Unreleased) Amount:
C.2	✓ released thru GAAAO 24,950,000
D.	IMPACT:
D.1	Condition/s:% decrease in unit cost
	74.78 % increase in unit cost
	% decrease in physical target - % increase in physical target
D.2	Additional Project Component
D.3	Certificate of Cost Reasonableness by RD
D.4	Remarks: Additional Component (CW2: Construction of Road Slope Protection Structure)
E. App	proving Authority as per D.O. 13, s. 2023, Guidelines on Modification of Allotment under
the G	AA
E.1	Undersecretary for Operations
E.2	Secretary ···
Evaluated By	: T: Out / Noted By:
	ALEX G. BOTE
	Director, Planning Service Assistant Secretary, Planning Service
Project ID:	P00711558LZ Date:
	DR OPERATIONS RRB ERP EKS
REMARKS:	Reviewed by Planning Service
	Recommended for Approval
	Remarks:
	MARIA CATALINA E. CABRAL, CESO I, Ph.D.

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(21)

Undersecretary for Planning and PPP Services

CAR-068

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Republic of the Philippines DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS

OFFICE OF THE SECRETARY

Manila

March 23, 2023

MEMORANDUM

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FOR

MANUEL M. BONOAN Secretary This Department

This refers to the memorandum dated 16 March 2023 of **DPWH CAR Regional Director KHADAFFY D. TANGGOL**, endorsing the request of **District Engineer RUSTOM A. MARTINEZ**, **Mountain Province Second District Engineering Office**, for the **modification** of the project under FY 2023 GAA, to wit;

velopment - Paving Talubin-Barlig-Nato	d Reliable National Ro of Unpaved Roads - T onin-Paracelis-Calacca + 816 - K0410 + 942 Unit Cost	Tertiary Roads d Rd- K0408 + 741 Estimated Cost
velopment - Paving Talubin-Barlig-Nato 408 + 939, K0410 - Type of Work/ hysical Target CW1- onstruction of	of Unpaved Roads - T onin-Paracelis-Calacca + 816 - K0410 + 942 Unit Cost	Tertiary Roads d Rd- K0408 + 741 Estimated Cost
velopment - Paving Talubin-Barlig-Nato 408 + 939, K0410 - Type of Work/ hysical Target CW1- onstruction of	of Unpaved Roads - T onin-Paracelis-Calacca + 816 - K0410 + 942 Unit Cost	Tertiary Roads d Rd- K0408 + 741 Estimated Cost
i08 + 939, K0410 ype of Work/ hysical Target CW1- cw1- onstruction of	+ 816 - K0410 + 942 Unit Cost	Estimated Cost
hysical Target CW1- onstruction of		
onstruction of	B16 752 142 00/	
0.571 Lane Km	₱16,752,142.89 / Lane Km	₱ 9,565,473.59
CW2- onstruction of ope Protection Structure: 583 sq.m.	P 33 .4 P 15,335.44 / sq.m.	M/↓ • ₽ 8,940,561.95
CW3- onstruction of Drainage Structure:	₱ 6,344.68 / sq.m.	₱ 5,944,964.46
EAO	-	₱ 499,000.00
00	Total:	₽ 24,950,000.00
0	nstruction of pe Protection Structure: 583 sq.m. CW3- nstruction of Drainage Structure: 937 sq.m. EAO	nstruction of pe Protection Structure: 583 sq.m. CW3- nstruction of Drainage Structure: 937 sq.m. EAO –

- Decrease in physical target since the road traverses on a mountainous terrain with portions of rolling terrain as per actual site condition instead of the anticipated flat terrain. Hence, requires more earthworks.
- Inclusion of CW2: Construction of Slope Protection Structures like concrete retaining wall to protect the road section from road slips and scouring.
- Inclusion of CW3: Construction of Drainage Structure, includes RCPC, Inlets, Stone Masonry Headwall and Grouted Riprap Drainage protection to address run-off water and flooding along the area.
- The derived unit cost is based on approved Detailed Unit Price Analysis (DUPA) and Program of Work (POW).

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 G. CANLAS

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

RECOMMENDING APPROVAL:

MARIA CA NA E. CABRAL, Ph.D., CESO I

Undersecretary for Planning and Public-Private Partnership Services

EUGENIO R. PSPO, JR Undersecretary for Regional Operations in CAR, Regions I, II, IX, X, XI, XII, and XIII

APPROVED/DISAPPROVED:

MANUEL/M. BONOAN Secretary

2.3 mksa/MLS/AVS/AGC/ERP

Department of Public Works and Highways Office of the Secretary WIN3E02970



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

Engineer's Hill, Baguio City

March 30, 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- Network Development - Paving of Unpaved Roads - Tertiary Roads, Jct Talubin-Barlig-Natonin Paracelis-Calaccad Rd - K0408 + 741 - K0408 + 939, K0410 + 816 K0410 + 942, K0416 + 126 - K0416 + 301

We are respectfully forwarding the Memorandum dated March 15, 2023 from Jerry S. Chimicag, Planning and Design Section Chief, Mountain Province Second District Engineering Office, regarding the modification of the above project in the amount of Twenty Four Million Nine Hundred Fifty Thousand Pesos (Php 24,950,000.00) as indicated below:

	FROM	то
Project ID		
Project Title	ORGANIZATIONAL OUTCOME 1: Ensure Safe and Reliable National Road System- Network Development - Paving of Unpaved Roads - Tertiary Roads, Jct Talubin-Barlig-Natonin- Paracelis-Calaccad Rd- K0408 + 741 - K0408 + 939, K0410 + 816 - K0410 + 942, K0416 + 126 - K0416 + 301	ORGANIZATIONAL OUTCOME 1: Ensure Safe and Reliable National Road System- Network Development - Paving of Unpaved Roads - Tertiary Roads, Jct Talubin-Barlig-Natonin- Paracelis-Calaccad Rd - K0408 + 741 - K0408 + 939, K0410 + 816 - K0410 + 942
Type of Work	CW1 - Construction of Concrete Road	CW1 - Construction of Concrete Road
		CW2 - Construction of Road Slope Protection Structure
Physical	0.998 Lane Km	0.571 Lane Km
Target		929 Square Meter
Allocation	Php 24,950,000.00	Php 24,950,000.00

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 AGG/EFD/JWC/ABM



Republic of the Philippines DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS **MOUNTAIN PROVINCE SECOND DISTRICT ENGINEERING OFFICE** CORDILLERA ADMINISTRATIVE REGION Natonin, Mountain Province

March 15, 2023

MEMORANDUM

- FOR : KHADAFFY D. TANGGOL Regional Director
- THRU : ANGELITA B. MABITAZAN Chief, Planning and Design Division

SUBJECT : Request for Modification of the CY 2023 Project: Jct Talubin-Barlig-Natonin-Paracelis-Calaccad Rd- K0408 + 741 - K0408 + 939, K0410 + 816 - K0410 + 942

Respectfully submitted is the request for modification of the above project under OO1: Ensure Safe and Reliable National Road System- Network Development - Paving of Unpaved Roads - Tertiary Roads. The proposed changes are as follows:

Particulars	From	То
Project Description	Jct Talubin-Barlig-Natonin- Paracelis-Calaccad Rd- K0408 + 741 - K0408 + 939, K0410 + 816 - K0410 + 942, K0416 + 126 -	Jct Talubin-Barlig-Natonin-Paracelis- Calaccad Rd- K0408 + 741 - K0408 + 939, K0410 + 816 - K0410 + 942
Physical Target	K0416 + 301 0.998 Lane Km	0.571Lane Km (CW1) 583 sq.m. (CW2) 937 sq.m. (CW3)
Unit Cost (Excluding EAO)	₱ 24,500,000.00 / Lane Km	P 16,752,142.89/ Lane Km (CW1) P 15,335.44 / sq.m. (CW2) P 6,344.68 / sq.m. (CW3)

Attached are the supporting documents based on D.O. No. 13, Series of 2023, "Guidelines on Modification Under the General Appropriations Act (GAA)" and Memorandum of Undersecretary Maria Catalina E. Cabral, Ph.D., CESO I dated February 20, 2023 with the same subject.

For your perusal.

RUSTOM A. MARTINEZ District Engineer

By the Authority of the District Engineer:

JERRY S. CHIMICAG Chief, Planning and Design Section CAR. 19.1 BGD/ASP/JSC

Email Address: dpwh.mpdeo2nd@gmail.com

Form for Modification Request

			A	A. GENERAL				
L. REGION Cordillera Adminis	trative Region	N	. DEO Mountain Province Office	e Second District Engir		ATIVE DISTRICT n Province Lone District		
B	ORIGINAL P	ROJECT		C.1	PROPOSED REVIS	ED PROJECT		
4. UACS (Unified Ac	count Code Struct	ure as defi:	ned in GAA)		in a higher star opposition have reductive to particular to a	anan ang dal Bana da Kalon ya ma a hai nang dan sana ana ka hai nang da		
31021210024400	0							
5. Project Id 200711558LZ								
5. Project Category DO1: Ensure Safe a	•	itional Ro	oad System					
. P/A/P								
Network Developm	nent - Paving o	f Unpave	d Roads - Tertiary	Roads				
3. Operating Unit				18. Operating Unit (Change subject to DBM	approval)		
Mountain Province	Second Distric	t Engine	ering Office	Mountain Province S	Second District Engi	neering Office		
9. Type of Work (E	nter Details for all	Componer	nts below)	19. Type of Work (Er	ter Details for all Comp	onents below)		
Component ID	Type of W	/ork		Component ID	Type of Work			
CW1	W1 Paving of Unpaved Roads		t Roads	CW1	Construction o	f Concrete Road		
				CW2	Construction o	onstruction of Slope Protection Structure		
				CW3	Construction o	f Drainage Structure		
IO. PROJECT DESC	RIPTION (as reco	orded in G/	AA)	20. PROJECT DESCR	PTION (of the revised	project)		
ct Talubin-Barlig-N 741 - K0408 + 939, 1 26 - K0416 + 301	K0410 + 816 -			Jct Talubin-Barlig-Na K0408 + 939, K0410		accad Rd- K0408 + 741 - 2		
	2000)	od in GAA1		21. REVISED ESTIMA		22. CAF (To be obtained from Financial Management office)		
11. ALLOTMENT (P 24,950	(as recorda	eu in GAA		(Equal to, or lower than	GAA anotment)	-		
•	(as recorda	eu in GAA		24,950		⊠YES		
4,950								
24,950		s for all Co		24,950				
4,950 2. PHYSICAL TAR Component ID	GET (Enter Details	s for all Co	mponents below) et Unit	24,950 23. PHYSICAL TARG	ET (Enter Details for all	Components below)		
4,950 2. PHYSICAL TAR Component ID	GET (Enter Detail: Target	s for all Con Targe	mponents below) et Unit	24,950 23. PHYSICAL TARG Component ID	ET (Enter Details for all Target	Components below) Target Unit		
4,950 2. PHYSICAL TAR Component ID	GET (Enter Detail: Target	s for all Con Targe	mponents below) et Unit	24,950 23. PHYSICAL TARG Component ID CW1	ET (Enter Details for all Target 0.571	Components below) Target Unit Lane Km		
4,950 2. PHYSICAL TAR Component ID	GET (Enter Details Target 0.998	s for all Con Targe Lane	mponents below) et Unit Km	24,950 23. PHYSICAL TARG Component ID CW1 CW2	ET (Enter Details for all Target 0.571 583 937	Components below) Target Unit Lane Km Square Meters (m2) Square Meters (m2)		
24,950 12. PHYSICAL TARG Component ID CW1 13. UNIT COST (Ent	GET (Enter Details Target 0.998	s for all Con Targe Lane component:	mponents below) et Unit Km	24,950 23. PHYSICAL TARG Component ID CW1 CW2 CW3	ET (Enter Details for all Target 0.571 583 937	Components below) Target Unit Lane Km Square Meters (m2) Square Meters (m2) ents below)		
24,950 L2. PHYSICAL TARG Component ID CW1 L3. UNIT COST (Ent Component ID	GET (Enter Details Target 0.998 er Details for all C Component	s for all Cor Targe Lane	mponents below) et Unit Km s below) Target Unit Cost (P'000/Target	24,950 23. PHYSICAL TARG Component ID CW1 CW2 CW3 24. UNIT COST (Enter	ET (Enter Details for all Target 0.571 583 937 Details for all Compone Component Co	Components below) Target Unit Lane Km Square Meters (m2) Square Meters (m2) ents below) ents below) Target Unit Cost		
•	GET (Enter Details Target 0.998 er Details for all C Component (P'000)	s for all Cor Targe Lane	mponents below) et Unit Km s below) Target Unit Cost (P'000/Target Unit)	24,950 23. PHYSICAL TARG Component ID CW1 CW2 CW3 24. UNIT COST (Enter Component ID	ET (Enter Details for all Target 0.571 583 937 Details for all Componen Component Co (P'000)	Components below) Target Unit Lane Km Square Meters (m2) Square Meters (m2) ents below) set Target Unit Cost (P'000/Target Unit)		

Form for Modification Request

Start Y 15. ROAD CLASSIFIC Tertiary 16. IMPLEMENTING	End Y ATION (if applicable) OFFICE (Record the Implementing Office of	Start Y End Y 26. ROAD CLASSIFICATION (if applicable) Tertiary 27. IMPLEMENTING OFFICE (Record the Implementing Office of the proposed revised project)			
			The ince of the proposed		
the original project)	Second District Engineering Office	revised project)	ond District Engineering Office		
the original project) Mountain Province		revised project)	ond District Engineering Office		
the original project) Mountain Province	Second District Engineering Office	revised project) Mountain Province Sec	ond District Engineering Office		
the original project) Mountain Province 17. PROJECT IMPLE Planned Start Date	Second District Engineering Office MENTATION PLAN (PIP)	revised project) Mountain Province Sec 28. PROJECT IMPLEME	ond District Engineering Office NTATION PLAN (PIP)		
the original project) Mountain Province 17. PROJECT IMPLE	Second District Engineering Office MENTATION PLAN (PIP) Planned End Date	revised project) Mountain Province Sec 28. PROJECT IMPLEME Planned Start Date	ond District Engineering Office NTATION PLAN (PIP) Planned End Date		

D. ATTACHMENTS & JUSTIFICATIONS

31. PROJECT IMPACT ANALYSIS ATTACHED? (For Flood Control Projects)

□ NO □ YES ⊠ N/A

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

- Decrease in physical target since the road traverses on a mountainous terrain with portions of rolling terrain as per actual site condition instead of the anticipated flat terrain. Hence, requires more earthworks.
- Inclusion of CW2: Construction of Slope Protection Structures like concrete retaining wall to protect the road section from road slips and scouring.
- Inclusion of CW3: Construction of Drainage Structure, includes RCPC, Inlets, Stone Masonry Headwall and Grouted Riprap Drainage
 protection to address run-off water and flooding along the area.
- The derived unit cost is based on approved Detailed Unit Price Analysis (DUPA) and Program of Work (POW).

33. GEOTAGGED PHOTOS SUBMITTED

□NO ⊠YES

34. A MAP GENERATED FROM THE DEPARTMENT'S GIS OF THE PROPOSED PROJECT WORK LOCATION SUBMITTED

□NO ⊠YES

Form for Modification Request

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35. PREPARED BY:							
Name:	BECHANY D. PADSING	Position:	Engineer II				
Office:	Mountain Province 2nd DEO	Date:					
36. REVI	EWED BY DISTRICT OFFICE (If Required)		38. REVIEWED BY REGIONAL OFFICE				
Name: Position: Date:	JERRY SCHIMICAG Chief, Planning and Design Section	Name: Position: Date:	ANGELITA B. MABITAZAN Chief, Planning and Design Division				
37. RECOM	MENDED BY DISTRICT OFFICE (If Required)		39. RECOMMENDED BY REGIONAL OFFICE				
Name: Position: Date:	RUSTOM A. MARTINEZ District Engineer	Name: Position: Date:	KHADAFFYD TANGGOL Regional Director				

UACS (Unified Account (310212100244000	Code Structure	as defined in GAA)					
Project Id P00711558LZ							
	40. DPW	H OFFICE OF T	HE UNDERSECRETARI	ES FOR OPERATIONS L	JSE ONLY		
Category of Modifica (choose one)		 Category A Category B Category C Category D Adjustment 	 Typographical Errors Change in Station Limits, Change in Location Change in Operating Unit Send to PS-PD to amend does not comply with DBI 	Station Limits, due to increase or decrease in budget Location Operating Unit (requires DBM approval)			
Primary Reason for R	equest (bas	ed on Category	of Modification): (ch	oose 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 	Work Change due to i decreas	ping Sections of in station limits, ncrease or e in budget 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 Underse	cretary for Operations	1		
Signature	ngr. MANUEL roject Manag	У		Engr. ANTONIO V. SOBF	REVIÑAS, JR. 23/27		
		41. DPWH	PLANNING SERVICE	OFFICE USE ONLY			
Category of Modifica (choose one)	tion	 Category B - Category C - Category D - Adjustment 	 Change in Location Change in Operating Unit Send to PS-PD to amend does not comply with DBI 	MYPS	in budget		
			Reviewed by Planning				
		A M. NOCHE	Name:	PETER PAUL R. COR	TEZ		
Signature Position: Re	egional Coor		Signature Position:	OIC – Chief, Program	nming Division		
Date:	3/31	23	Date:				

Annexure A to Form for Modification Request

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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
P00711558LZ- CW1	S03997LZ	K0408 + 741	K0408 + 939	21897	22095	198	Paving of Unpaved Roads	Construction of Concrete Road with Slope Protection Works	Lane km	0.358
P00711558LZ- CW1	S03997LZ	K0410 + 816	K0410 + 942	23974	24100	126	Paving of Unpaved Roads	Construction of Concrete Road with Slope Protection Works	Lane km	0.213