

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

Manila

April 26, 2023

MEMORANDUM

:

то

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

ATTENTION : ALBERTO N. GAHID District Engineer Mountain Province First District Engineering Office Bontoc, Mountain Province

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

 OO1: Ensure Safe and Reliable National Road System -Network Development - Off-Carriageway Improvement - Secondary Roads Mt Prov-Ilocos Sur via Tue Rd - K0402 + 474 - K0402 + 510, K0406 + 046 - K0406 + 170, K0408 + 237 - K0408 + 331, K0408 + 891 - K0408 + 959 - - P6,886,000.00

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

lame of Projec	ct:	· · · · · · · · · · · · · · · · · · ·	Project ID:	P00712284LZ
		Rd - K0402 + 474 - K0402 + 510, K0406 + 046 - K0406 + 170, K0408 + + 891 - K0409 + 959	Appropriation:	6,886,000
mplementing	Office:	Mountain Province 1st District Engineering Office	Date:	04/05/2023
Α.	TYPE O	FREQUEST		
A.1		Change in Implementing Office/Operating Unit due to	DPM	he man
	A.1.1	Geographical Jurisdiction	The state of the s	
	A.1.2	Approval of Authority to Bid/Implement	A start	
A.2	1	PROJECT MODIFICATION/ADJUSTMENTS		at the set of the
	A.2.1	Typographical Error/s	APR	182023
	A.2.2		3y	14
	A.2.3	✓ Change in Station Limits	Control No	2 - Titric
	A.2.4	Addition/Deletion of Word/s	IDTS No.	7-94247
	A.2.5	Change in Project Component/s Details		00099
		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)	2	
		A.2.5.5 Deletion of Component	2	
22		A.2.5.6 Movement of Funds between Components		
В.	EVALU			
B.1		ALLOWED as per the GAA Provisions		
B.2		NOT ALLOWED as per the GAA Provisions		
С.	FUNDS	OURCE FY 2023 GAA, R.A. 11936		
C.1		for issuance of SARO (□Released □Unreleased)	Amount:	C 000 000
C.2	L	released thru GAAAO		6,886,000
D.	IMPAC			
D.1	Conditio			
		% increase in unit cost 40.12 % decrease in physical target		
		- % increase in physical target		
		% increase in physical target		
D.2	~	Addimonal Project Component		
D.3		Certificate of Cost Reasonableness by RD		
D.4 R	emarks:	Physical Component (CW1 - Paving of Shoulders): there is a decrease Physical Targets due to massive excavation per actual site condition Additional Component (CW2 - Construction of Road Slope Protect excavated part of the road		
		uthority as per D.O. 13, s. 2023, Guidelines on Modification of	of Allotment under	
the GA				~
E.1		Undersecretary for Operations	\cap ($ \backslash \backslash $.
E.2		Secretary	AN) ad in los
valuated By:		Noted By:		101/13/15
		ALEX G. BOTE CON	STANTE A. LLANES	, JR., CE\$O III
	AN D	irector, Planning Service () () As	sistant Secretary, Pla	mning Service
oject ID:	¥		Date:	
OR THE SECR	RETARY			
EMARKS:	V	Reviewed by Planning Service		
		Recommended for Approval		
		Remarks:	10	
		alla	me	
		MARIA CATALINA	E. CABRAL, CESO	L Ph.D.

Undersecretary for Planning and PPP Services

CAR-092 Mนเริ



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

Manila

March 31, 2023

MEMORANDUM

FOR : MANUEL M. BONOAN Secretary

This Department

This refers to the memorandum dated 29 March 2023 of **DPWH CAR Regional Director KHADAFFY D. TANGGOL**, endorsing the request of **District Engineer ALBERTO N. GAHID, Mountain Province First District Engineering Office**, for the **modification** of the project under FY 2023 GAA, to wit;

As	per GAA/Origina	I and the second second	As Modified			
		Project D	escription			
UACS No. 31020810 Project ID: P007122						
OO1: Ensure Safe and F Development - Off-Ca Roads			OO1: Ensure Safe and P Development - Off-Ca Roads			
Mt Prov-Ilocos Sur via 510, K0406 + 046 - 1 + 331, K0409 + 891	(0406 + 170, КО		Mt Prov-Ilocos Sur via 510, K0406 + 046 - 1 + 331, K040 8 + 891	(0406 + 170, K04		
Type of Work /		Allocation	Type of Work/ Physical Target	Unit Cost	Estimated Cost	
CW1- Off- Carriageway Improvement: Paving of Shoulders/ 709.00 sq.m.	₱ 9,518.03/ sq.m.	₱ 6,748,280.00 (CW1- Off- Carriageway Improvement: Paving of Shoulders/ 424.55 sq.m.	P 9,362.97 / sq.m.	₱ 3,975,049.45	
			CW2- Construction of Road Slope Protection Structure/ 950.00 sq.m.	₽ 2,919.19/ ∕ sq.m.	₽ 2,773,230.55	
		B 107 700 00	EAO		₱ 137,720.00	
EAO	-	₱ 137,720.00	EAU		137,720.00	

The project has to be modified in view of the following:

- Correction in the project station limit from "K0409 + 891 K0409 + 959" to "K0408 + 891 K0408 + 959" due to typographical error incurred during the preparation of FY 2023 Budget Proposal.
- The decrease in physical target/increase in the unit cost is due to the massive excavation on the sharp curve part of the road to attain the desired width for the shoulder to improve the sight distance of the motorists. Thus, CW2- Construction of Road Slope Protection structures (Masonry Breastwalls) are also given priority to stabilize the soil on this excavated part of the road.
- The derived unit cost is based on validated/approved Detailed Unit Price Analysis (DUPA) and Program of Works (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, Certificate of Reasonableness of Cost Estimates 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 CATA CABRAL, Ph.D., CESO I Undersecretary for Planning and Public-Private Partnership Services

APPROVED/DISAPPROVED:

M. BONOAN MANUEL Secretary

2.3 mksa/MLS/AVS/AGC/ERP





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



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

March 29, 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: OO1: Ensure Safe and Reliable National Road System - Network Development - Off-Carriageway Improvement - Secondary Roads - Mt Prov-Ilocos Sur via Tue Rd - K0402 + 474 - K0402 + 510, K0406 + 046 - K0406 + 170, K0408 + 237 - K0408 + 331, K0409 + 891 - K0409 + 959

We are respectfully forwarding the Memorandum dated March 28, 2023 from District Engineer Alberto N. Gahid, Mountain Province First District Engineering Office, regarding the modification of the above project in the amount of **Six Million Eight Hundred Eighty-Six Thousand Pesos (Php 6,886,000.00)**, as indicated below:

	FROM	то
Project ID	P00712284LZ	
Project Title	Mt Prov-Ilocos Sur via Tue Rd - K0402 + 474 - K0402 + 510, K0406 + 046 - K0406 + 170, K0408 + 237 - K0408 + 331, K0409 + 891 - K0409 + 959	Mt Prov-Ilocos Sur via Tue Rd - K0402 + 474 - K0402 + 510, K0406 + 046 - K0406 + 170, K0408 + 237 - K0408 + 331, K0408 + 891 - K0408 + 959
Type of Work	CW1 - Off-Carriageway Improvement: Paving of Shoulders	CW1 - Off-Carriageway Improvement: Paving of Shoulders
		CW2 - Construction of Road Slope Protection Structure
Physical Target	CW1: 709 Square Meters	CW1: 424.550 Square Meters
		CW2: 950 Square Meters

The supporting documents based on D.O No. 23, series of 2023 are attached for your ready reference.

For the consideration of the Secretary.

ANGGOL KHAD/ Regiona

CAR.1 MGB/EFD/JWC/ABM

Telefax : (074)444-6460, (074)444-8838



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

March 28, 2023

MEMORANDUM

FOR	: KHADAFFY D. TANGGOL Regional Director DPWH-CAR
ATTENTION	: ANGELITA B. MABITAZAN Chief, Planning and Design Division
SUBJECT	: Submission of Requirements for FY 2023 Modification of the project under Network Development - Off-Carriageway Improvement - Secondary Roads – Mt Prov-Ilocos Sur via Tue Rd - K0402 + 474 - K0402 + 510, K0406 + 046 - K0406 + 170, K0408 + 237 - K0408 + 331, K0408 + 891 - K0408 +

959

We are submitting the requirements for the modification of the FY 2023 project "Network Development - Off-Carriageway Improvement - Secondary Roads - Mt Prov-Ilocos Sur via Tue Rd - K0402 + 474 - K0402 + 510, K0406 + 046 - K0406 + 170, K0408 + 237 - K0408 + 331, K0408 + 891 - K0408 + 959" for your endorsement.

As	per GAA/Origina	1		As Modified		
		Project D	escription			
UACS No. 310208100 Project ID: P0071228						
OO1: Ensure Safe and F Development - Off-Carr Roads			OO1: Ensure Safe and Reliable National Road System - Network Development - Off-Carriageway Improvement - Secondary Roads			
Mt Prov-Ilocos Sur via T K0406 + 046 - K0406 + K0409 + 891 - K0409 +	170, K0408 + 237		Mt Prov-Ilocos Sur via T K0406 + 046 - K0406 + K0408 + 891 - K0408	170, K0408 + 237		
Type of Work/ Physical Target	Unit Cost	Allocation	Type of Work/ Physical Target	Unit Cost	Estimated Cost	
CW1- Off- Carriageway Improvement: Paving of Shoulders/ 709.00 sq.m.	₽ 9,518.03/ sq.m.	₱ 6,748,280.00	CW1- Off- Carriageway Improvement: Paving of Shoulders/ 424.55 sq.m.	P 9,362.97 / sq.m.	₽ 3,975,049.45	
			CW2- Construction of Road Slope Protection Structure/ 950.00 sq.m.	₽ 2,919.19/ sq.m.	₽ 2,773,230.55	
EAO	-	₱ 137,720.00	EAO	-	₱ 137,720.00	
	Total:	₽ 6,886,000.00		Total:	₽ 6,886,000.00	
ALBERTON. District Engine CAR 18.1 JSA/ACG/	er /					

Telefax: (074) 604-0221* Email Address: mpdeo_car@yahoo.com.ph

Tables for Modification Request Form

Sector States	en de seu su cum	Α.	GENERAL				
1. REGION Cordillera Admini	strative Region	2. DEO Mountain Province Office	e First District Engine	ering MO	3. LEGISLATIVE DISTRICT MOUNTAIN PROVINCE (LON DISTRICT)		
	B. ORIGINAL PROJEC	T AND AND A SHORE	C. F	PROPOSED REV	ISED PROJEC	T State	
4. UACS (Unified / 310208100515000	Account Code Structu	re as defined in GA/	4)				
5. Project Id P00712284LZ							
6. Project Categor OO1: Ensure Safe	'Y and Reliable National	Road System					
7. Sub-Program (F Network Developi	P /A/P) ment - Off-Carriagewa	iy Improvement - Se	condary Roads				
8. Operating Unit Mountain Provinc	e First District Engine	ering Office	18. Operating Unit Mountain Province	10. IF			
9. Type of Work (Enter Details for all Co	19. Type of Work (Enter Details fo	or all Compor	ients below)		
Component ID	Type of Work		Component ID	Type of W	vpe of Work		
CW1 Off-Carriageway Improvement: Paving of Shoulders			CW1		Off-Carriageway Improvement: Par of Shoulders		
			CW2	Construct Structure		lope Protection	
Mt Prov-Ilocos Sui	CRIPTION (as recorded r via Tue Rd - K0402 + 06 + 170, K0408 + 237 09 + 959	474 - K0402 + 510,	20. PROJECT DESCR Mt Prov-Ilocos Sur v K0406 + 046 - K040 891 - K0408 + 959	via Tue Rd - KO	402 + 474 - Ki	0402 + 510,	
11. ALLOTMENT (6,886	P'000) (as recorded ir	i GAA)	21. REVISED ESTIMATED COST (P'000) (Equal to, or lower than GAA allotment)22. CAF (To be obtained from Financial Management office)6,886🛛 YES			cial	
12. PHYSICAL TAR below)	GET (Enter Details fo	r all Components	23. PHYSICAL TARG	GET (Enter Deta	ails for all Cor	nponents below	
Component ID	Target	Target Unit	Component ID	Target	т	arget Unit	
CW1	709.000	Square Meters (m2)	CW1	424.55		quare Meters m2)	
			CW2	950.00	/	quare Meters n2)	
13. UNIT COST (Er	nter Details for all Cor	nponents below)	24. UNIT COST (Ent	er Details for a	all Componen	ts below)	
Component ID (P'000) Component Cost (P'000/Target Unit Cost (P'000/Target			Component ID	Compone (P'000)	nt Cost (I	arget Unit Cost 2'000/Target nit)	
CW1	6,748.280 /	9.518 🦯	CW1	3,975.049	9 / 9	.363	
			CW2	2,773.231	2	.919	

EAO

137.720

EAO

137.720

ables for Modification Request Form

14. PROJECT WORK LOCATION (Must be defined in strict accordance with DO 65 Series 2014)

25. PROJECT WORK LOCATION (Must be defined in strict accordance with DO 65 Series 2014. Also complete "ANNEX A" for National Road projects under OO-1)

Start X	End X	Start X	End X		
Start Y	End Y	Start Y	End Y		
15. ROAD CLASSIFIC Secondary Road	CATION (if applicable)	26. ROAD CLASSIFICATION (if applicable) Secondary Road			
Office of the origina		27. IMPLEMENTING O the proposed revised	DFFICE (Record the Implementing Office o project)		
Mountain Province	First District Engineering Office	Mountain Province Fir	rst District Engineering Office		
17. PROJECT IMPLE	MENTATION PLAN (PIP)	28. PROJECT IMPLEM	ENTATION PLAN (PIP)		
Planned Start DatePlanned End Date05/8/202308/11/2023		Planned Start Date 05/8/2023	Planned End Date 08/11/2023		
		29. OVERLAP?	30. UNDER WARRANTY? ⊠ NO □ YES		

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)

Change in Station Limits in the Project Description and Decrease in physical target for CW1 - Off-Carriageway Improvement: Paving of Shoulders from 709 Square Meters to 424.55 Square Meters and additional component CW2 - Construction of Road Slope Protection Structure due to the following:

- Correction in the project station limit from "K0409 + 891 K0409 + 959" to "K0408 + 891 K0408 + 959" due typographical error incurred during the preparation of FY 2023 Budget Proposal.
- The decrease in physical target/increase in the unit cost is due to the massive excavation on the sharp curve part of the
 road to attain the desired width for the shoulder to improve the sight distance of the motorists. Thus, CW2- Construction
 of Road Slope Protection structures (Masonry Breastwalls) were also given priority to stabilize the soil on this excavated
 part of the road.
- The derived unit cost is based on validated/approved Detailed Unit Price Analysis (DUPA) and Program of Works (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, Certificate of Reasonableness of Cost Estimates and GIS Map.

33. PHOTOS SUBMITTED

34. A MAP OF THE PROPOSED PROJECT WORK LOCATION SUBMITTED

□NO ⊠YES

	ame		
Name:	JULIE S. AMRANGEB	Position:	Engineer II
Office:	Planning and Design Section	Date:	
36. REVIE	WED BY DISTRICT OFFICE (If Required)		38. REVIEWED BY REGIONAL OFFICE
Name:	ARTEMIO COUISALA	Name:	ANGELITA B. MABITAZAN
Position:	Chief, Planning and Design Section	Position:	Chief, Planning and Design Division
Date:		Date:	
37. RECOMM	MENDED BY DISTRICT OFFICE (If Required)		39. RECOMMENDED BY REGIONAL OFFICE
Name:	ALBERTO . GAHID	Name:	KHADAFFYD. TANGGOL
Position:	District Engineer	Position:	Regional Director
Date:		Date:	

Tables for Modification Request Form

Tables for Modification Request Form

UACS (Unified Account Code Structure as defined in GAA) 310208100515000

Project Id

P00712284LZ

			RETARIES FOR OPERA	TIONS	
Primary Reason fo	r Request (based on Catego	ory of Modification):	choose one)		
Category A	Category B	Category C	Category D	Impact	
 Typographical error on Project Description 	 Overlapping Sections Change in Station Limits Change in Physical Target 	 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	y Office of the Unders	ecretary for Operatio	ns	
Name:	Engr. MANUEL L. SINGSON	I	Engr. ANTONIO	V. SOBREVIÑAS, JR.	
Signature			A	NYS.	
Position:	Project Manager I		Project Manager II		
Date:	3/31/23		3/31/23		
		41. DPWH PLANNING	G SERVICE		
Category of Modif (please check the a	ication Categor appropriate) 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-existin ting Unit (requires DB	SM approval)	
		Reviewed by Plannin	ng Service		
Name:	ANNA ANDREA M. NOCHE	Name:	PETER PAUL R. C	ORTEZ	
Signature	Indrem	Signatu	re: for	h	
Position:	Regional Coordinator	Position	n: OIC - Chief of Pro	gramming Division	
Date:	04.05.23	Date:			

ANNEX A: Project Work Location Details for National Roads

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
P00712284LZ - CW1	\$00530LZ	K0402 + 474	K0402 + 510	15472	15508	36	Off-Carriageway Improvement: Paving of Shoulders	Paving of Shoulders (L/S) including Roadway Excavation	Square Meters	118.50
P00712284LZ - CW2	\$00530LZ	K0402 + 474	K0402 + 510	15472	15508	36	Construction of Road Slope Protection Structure	Construction of Road Slope Protection Structure (Masonry Breastwall)	Square Meters	192.00
P00712284LZ - CW1	S00530LZ	K0406 + 046	K0406 + 170	19011	19135	124	Off-Carriageway Improvement: Paving of Shoulders	Paving of Shoulders (L/S) including Roadway Excavation	Square Meters	145.75
P00712284LZ - CW2	S00530LZ	K0406 + 046	K0406 + 170	19011	19135	124	Construction of Road Slope Protection Structure	Construction of Road Slope Protection Structure (Masonry Breastwall)	Square Meters	364.00
P00712284LZ - CW1	\$00530LZ	K0408 + 237	K0408 + 331	21249	21343	94	Off-Carriageway Improvement: Paving of Shoulders	Paving of Shoulders (L/S) including Roadway Excavation	Square Meters	96.30
P00712284LZ - CW2	S00530LZ	K0408 + 237	K0408 + 331	21249	21343	94	Construction of Road Slope Protection Structure	Construction of Road Slope Protection Structure (Masonry Breastwall)	Square Meters	277.00
P00712284LZ - CW1	S00530LZ	K0408 + 891	K0408 + 959	21903	21971	68	Off-Carriageway Improvement: Paving of Shoulders	Paving of Shoulders (L/S) including Roadway Excavation	Square Meters	64.00
P00712284LZ - CW2	S00530LZ	K0408 + 891	K0408 + 959	21903	21971	68	Construction of Road Slope Protection Structure	Construction of Road Slope Protection Structure (Masonry Breastwall)	Square Meters	117.00