

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

Manila

April 19, 2023

MEMORANDUM

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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 **<u>APPROVED</u>** request for the **modification** of hereunder stated project:

 Sustainable Infrastructure Projects Alleviating Gaps (SIPAG) - Access Roads and/or Bridges from the National Road/s leading to Major / Strategic Public Buildings / Facilities Construction (Improvement) of Kin-iway-Besao West Road (Lamegsan Road Section), Besao, Mountain Province - - - ₱ 5,000,000.00

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 deat 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 mksa/AVS/AGC/ERP



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

April 19, 2023

MEMORANDUM

- TO : 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 **<u>APPROVED</u>** request for the **modification** of hereunder stated project:

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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, XI, XII, and XIII

2.3 mksa/AVS/AGC/ERP

Programming Division Evaluation Sheet

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Name of Proj	iect:		Project ID:	P00744240LZ
Construction (: Province	Improvemer	nt) of Kin-iway-Besao West Road (Lamegsan Road Section), Besao, Mountain	Appropriation:	5,000,000
Implementing	o Office:	Mountain Province 1st District Engineering Office	Date:	04/12/2023
A.		F REQUEST		04/12/2025
A.1	TIPEO	Change in Implementing Office/Operating Unit due to		
A.14	A.1.1			
	A.1.2			
	A.1.2			
A.2		PROJECT MODIFICATION/ADJUSTMENTS		
	A.2.1			
	A.2.2			
	A.2.3	J		
	A.2.4	Addition/Deletion of Word/s		
	A.2.5	Change in Project Component/s Details		
		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.	EVALU	ATION		
B.1	\checkmark	ALLOWED as per the GAA Provisions		
B.2		NOT ALLOWED as per the GAA Provisions		
C.	FUND S	OURCE FY 2023 GAA, R.A. 11936		
C.1	1	for issuance of SARO (MReleased Unreleased)	Amount:	5,000,000
C.2		released thru GAAAO		
D.	IMPAC			
D.1	Conditio			
0.1	Conditio	19.15 % increase in unit cost		
		35.17 % decrease in physical target		
		- % increase in physical target		
D.2	~	Addinignal Project Component		
D.3	\checkmark	Certificate of Cost Reasonableness by RD		
D.4	Remarks:	Addition of CW2 - Construction of Drainage Structure along F	Road to address the	e volume of water
		from existing creek and household waste water		
E 4		thereity as now D.O. 12, a 2022. Quidelines on Medification of	All - 1 1 1 1	
the G		uthority as per D.O. 13, s. 2023, Guidelines on Modification of	Allotment under	
E.1		Undersecretary for Operations		•
E.2		Secretary	h > c	$ \land \land $
	L			Vanlah
Evaluated By		w: new Noted By:		109/13/15
			TANTE A. LLANES	
	AL D	irector, Planning Service Assis	stant Secretary, Pla	nning Service
		ACTION SLIP	k	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
	0007		Deles	
roject ID:	the second se	A4240LZ	Date:	
UR SECRET	ARTMANU	EL M. BUNUAN OK		
EMARKS:	V	Reviewed by Planning Service		
		Recommended for Approval		
		Remarks:		
			0	
		1 hlalin	1	
		MARIA CATALINA E	. CABRAL, CESO I	l, Ph.D.
				,

Undersecretary for Planning and PPP Services



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

Manila

March 31, 2023

MEMORANDUM

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

This refers to the memorandum dated 31 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/Original		As Modified				
		Project	ct Description				
UACS No. 30022110268	9000						
Project ID: P00744240L	Z						
Basic Infrastructure Progr from the National Road/s Buildings/ Facilities			Sustainable Infrastructure Projects Alleviating Gaps <mark>(SIPAG) -</mark> Access Roads and/or Bridges from the National Road/s leading to Major/ Strategic Public Buildings/ Facilities				
Construction (Improver	nent) of Kin-iway-Be	esao West Road	Construction (Improvement) of Kin-iway-Besao West Road				
(Lamegsan Road Sectio			(Lamegsan Road Section), Besao, Mountain Province				
Type of Work/ Physical Target	Unit Cost	Allocation	Type of Work/ Physical Target	Unit Cost	Estimated Cost		
CW1 - Construction of Concrete Road / 0.327 Lane Km.	₱ 15,137,614.68 /lane km	₱ 4,950,000.00	CW1 - Construction of Concrete Road / .212 Lane Km.	₱ 18,037,211.23/ lane km.	₱ 3,823,888.79		
			CW2- Construction S of Drainage Structure along Road / 58.0 Lineal Meter	P 19,415.71052 /Lineal Meter	₽ 1,126,111.21		
EAO	-	₱ 50,000.00	EAO	_	₱ 50,000.00		
	Total:	₱ 5, 000,000.00		Total:	₱ 5, 000,000.00		

Justification:

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

- Change in physical target from 0.327 lane km to 0.212 lane km as a result of inclusion of CW2 -Construction of Drainage Structure along Road. The location of the project is under the residential area which needs removal of existing structures to widen the road width, thus, construction of grouted riprap to protect the private lots from road slope erosion after the road widening is necessary. Concrete parapet is also needed to protect the existing residential structures. The construction of curb and gutter is needed to address the water run-off from the pavement.
- In addition, construction reinforced concrete drainage interceptor with a length of 41.0 meters within the two station (21 meters each), and the rehabilitation/construction of existing reinforced concrete drainage with a length of 37 meters is given priority to preserve the life of the pavement, and to address the volume of water from existing creek and households waste water
- The derived unit costs are 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 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

Ceit j'at reamblemes RECOMMENDING APPROVAL: //

1 1

MARIA CATALINA E. CABRAL, Ph.D., CESO I Undersecretary for Planning and Public-Private Partnership Services

APPROVED/DISAPPROVED:

EUGENIO R. RIPO, JR.

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

2.3 mksa/MLS/AVS/AGC/ERP



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

Manila

March 31, 2023

MEMORANDUM

FOR

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

This refers to the memorandum dated 31 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/Original		As Modified			
		Project	Description			
UACS No. 30022110268	9000		2			
Project ID: P00744240L	Z					
Basic Infrastructure Progr from the National Road/s Buildings/ Facilities Construction (Improver (Lamegsan Road Sectio	leading to Major/ Stinnent) of Kin-iway-Be	rategic Public esao West Road	Sustainable Infrastructure Projects Alleviating Gaps (SIPAG) - Access Roads and/or Bridges from the National Road/s leading to Major/ Strategic Public Buildings/ Facilities Construction (Improvement) of Kin-iway-Besao West Road (Lamegsan Road Section), Besao, Mountain Province			
Type of Work/ Physical Target	Unit Cost	Allocation	Type of Work/ Physical Target	Unit Cost	Estimated Cost	
CW1 - Construction of Concrete Road / 0.327 Lane Km.	₱ 15,137,614.68 /lane km	₱ 4,950,000.00	CW1 - Construction of Concrete Road / .212 Lane Km.	₱ 3,823,888.79		
			CW2- Construction of Drainage Structure along Road / 58.0 Lineal Meter		₱ 1,126,111.21	
EAO	-	₱ 50,000.00	EAO	-	₱ 50,000.00	
	Total:	₱ 5, 000,000.00		Total:	₽ 5, 000,000.00	

Justification:

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

- Change in physical target from 0.327 lane km to 0.212 lane km as a result of inclusion of CW2 -Construction of Drainage Structure along Road. The location of the project is under the residential area which needs removal of existing structures to widen the road width, thus, construction of grouted riprap to protect the private lots from road slope erosion after the road widening is necessary. Concrete parapet is also needed to protect the existing residential structures. The construction of curb and gutter is needed to address the water run-off from the pavement.
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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, IL, IX, X, XI, XII, and XIII

RECOMMENDING APPROVAL:

MARIA CATALINA E. CABRAL, Ph.D., CESO I Undersecretary for Planning and Public-Private Partnership Services

APPROVED/DISAPPROVED:

EUGENIØ IPO, JR. Undersecretary for Regional Operations in CAR, Regions I, II, IX, X, XI, XII, and XIII

2.3 mksa/MLS/AVS/AGC/ERP



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

March 31, 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: Convergence and Special Support Program - Basic Infrastructure (BIP) – Access Roads and/or Bridges from the National Road/s leading to Major / Strategic Public Buildings / Facilities - Construction (Improvement) of Kin-iway-Besao West Road (Lamegsan Road Section), Besao, Mountain Province

We are respectfully forwarding the Memorandum dated March 30, 2023 from District Engineer Alberto N. Gahid, Mountain Province First District Engineering Office, regarding the modification of the above project in the amount of **Five Million Pesos (Php 5,000,000.00)**, as indicated below:

	FROM	то		
Project ID	P00744240LZ			
Project Title	Construction (Improvement) of Kin- iway-Besao West Road (Lamegsan Road Section), Besao, Mountain Province	Construction (Improvement) of Kin- iway-Besao West Road (Lamegsan Road Section), Besao, Mountain Province		
Type of	CW1 - Construction of Concrete Road	CW1 - Construction of Concrete Road		
Work		CW2 - Construction of Drainage Structure along Road		
Physical	CW1: 0.327 Lane Km	CW1: 0.212 Lane Km		
Target		CW2: 58 Lineal 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.

KHAD/ . TANGGOL

Regional Director

CAR.1 MGB/EFD/JWC/ABM



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

March 30, 2023

MEMORANDUM

FOR	-	KHADAFFY D. TANGGOL
		Regional Director
		DPWH-CAR

THRU : ANGELITA B. MABITAZAN Chief, Planning and Design Division

SUBJECT : Submission of Requirements for FY 2023 Modification of the project under Basic Infrastructure (BIP) – Access Roads and/or Bridges from the National Road/s leading to Major / Strategic Public Buildings / Facilities: Construction (Improvement) of Kin-iway-Besao West Road (Lamegsan Road Section), Besao, Mountain Province

We are submitting the requirements for the modification of the FY 2023 project "Basic Infrastructure (BIP) – Access Roads and/or Bridges from the National Road/s leading to Major / Strategic Public Buildings / Facilities: Construction (Improvement) of Kin iway-Besao West Road (Lamegsan Road Section), Besao, Mountain Province" for your endorsement.

As	per GAA/Original			As Modified			
			ct Description				
UACS No. 300221 Project ID: P0074					11		
Basic Infrastructure (from the National Roa Buildings / Facilities:			Basic Infrastructure (BIP) – Access Roads and/or Bridges from the National Road/s leading to Major / Strategic Public Buildings / Facilities:				
Construction (Improve (Lamegsan Road Sect				Construction (Improvement) of Kin-iway-Besao West Road (Lamegsan Road Section), Besao, Mountain Province			
Type of Work/ Physical Target	Unit Cost	Allocation	Type of Work/ Physical Target	Unit Cost	Estimated Cost		
CW1 - Construction of Concrete Road / 0.327 Lane Km.	₱ 15,137,614.68 /lane km	₱ 4,950,000.00	CW1 - Construction of Concrete Road / .212 Lane Km.	₱ 3,823,888.79			
			CW2- Construction of Drainage Structure along Road / 58.0 Lineal Meter	₱ 19,415.71052 /Lineal Meter	₱ 1,126,111.21		
EAO	-	₱ 50,000.00	EAO	-	₱ 50,000.00		
	Total:	₽ 5, 000,000.00		Total:	₽ 5, 000,000.00		
ALBERTO N. GAHID District Engineer CAR 18.1 jdm/ACG/ECT/ANG							

Tables for Modification Request Form

		A. G	ENERAL				
1. REGION Cordillera Admini	strative Region	2. DEO Mountain Province Office	First District Engineer	ing MOL		YE DISTRICT ROVINCE (LONE	
	B. ORIGINAL PROJEC	т	C. PROPOSED REVISED PROJECT				
4. UACS (Unified / 300221102689000	Account Code Structur)	re as defined in GAA))				
5. Project Id P00744240LZ							
6. Project Categor Convergence and	'Y Special Support Progra	am					
7. Sub-Program (F Basic Infrastructur Buildings / Faciliti	re (BIP) – Access Roads	s and/or Bridges from	n the National Road/s	leading to Ma	ajor / Stra	ategic Public	
8. Operating Unit Mountain Provinc	e First District Enginee	ring Office	18. Operating Unit Mountain Province				
9. Type of Work (Enter Details for all Co	omponents below)	19. Type of Work (Enter Details for all Components below)				
Component ID	Type of Work		Component ID	Type of W	Type of Work		
CW1	Construction of Concrete Road		CW1	Constructi	on of Cor	ncrete Road	
			CW2		Construction of Drainage Structure along Road		
10. PROJECT DESC	CRIPTION (as recorded	l in GAA)	20. PROJECT DESCR	RIPTION (of th	ne revise	d project)	
	rovement) of Kin-iway Section), Besao, Mount		Construction (Improvement) of Kin-iway-Besao West Road (Lamegsan Road Section), Besao, Mountain Province				
11. ALLOTMENT (5,000	P'000) (as recorded in	GAA)	21. REVISED ESTIMATED COST (P'000) (Equal to, or lower than GAA allotment)22. CAF (To be obtained from Financial Management office)5,000SYES			nancial	
12. PHYSICAL TAR below)	GET (Enter Details for	all Components	23. PHYSICAL TARGET (Enter Details for all Components below)				
Component ID	Target	Target Unit	Component ID	Target		Target Unit	
CW1	0.327	Lane Km	CW1	0.212	-	Lane Km	
			CW2	58.00 Lineal Me		Lineal Meter	
13. UNIT COST (Er	nter Details for all Con	nponents below)	24. UNIT COST (Enter Details for all Components below			ponents below)	
Component ID	Component Cost (P'000)	Target Unit Cost (P'000/Target Unit)	Component ID	Componei (P'000)	nt Cost	Target Unit Cost (P'000/Target Unit)	
CW1	4,950.000 -	15,137.61468	CW1	3,823.888	79	18,037.21127	
			CW2	1,126.111	21	19.41571	
EAO	50.000		EAO	50.000			

Tables for Modification Request Form

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

4

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)

				A" for I	National Road p	rojects under O	0-1)
Start X	120.5128	End X	17.542	Start X	120.5128	End X	17.542
Start Y	120.5130	End Y	17.540	Start Y	120.5130	End Y	17.540
15. ROA I N/A	D CLASSIFICATIO	N (if applicabl	e)	26. RO/ N/A	AD CLASSIFICAT	ION (if applicab	le)
Office of	EMENTING OFFIC the original proj n Province First D	ect)		of the p	proposed revise		e Implementing Office ering Office
17. PROJ	ECT IMPLEMENT	ATION PLAN	(PIP)	28. PRC	JECT IMPLEME	NTATION PLAN	(PIP)
Planned 01/25/20	Start Date	Planned 02/15/2	d End Date 2023	Planne 04/24/	d Start Date 2023	Planned E 06/08/202	
				29. OVI ⊠ NO	RLAP?	30. UNDER	R WARRANTY?
			D. ATTACHME	NTS & JUSTI	FICATIONS		
Change i • [•] Attachea (DUPA), i	n physical target Decrease in physic Drainage Structur existing structure slope erosion afte and construction n addition, constr (21 meters éach) meters is given pi households waste l are the following	for CW1 - Con cal target is du re along Road es to widen the er the road wi of curb and g ruction reinfor and the rehal riority to press e water. g supporting d ring Design (D	I. The location of the e road width thus, c dening, concrete pa utter is to cater the ced concrete draind bilitation/constructi erve the life of the p locuments: Approve ED), Certificate of A	om 0.327 La on and priori e project is u onstruction grapet is also water run-o nge intercept on of existin pavement an	tization of items nder the resider of grouted ripra needed to prot ff from the pave for with a length g reinforced con d to cater the vo	Lane Km due to s of works under ntial area which p to protect the ect the existing of ement. n of 41.0 meters parete drainage plume of water f with Detailed U	CW2 - Construction of needs removal of private lots from road residential structures within the two station with a length of 37- from existing creek and
	TOS SUBMITTED ⊠YES						
			WORK LOCATION				
AIM IA 1140		OCD PROJEC	WORK LOCATION	SODIMITTED			

□NO ⊠YES

s - * t - 3	5. 5.		· . · ·				
New Street		Tables for Modif					
		35. PI	REPARED BY				
Nar	me:	JOLIVETTE D. MUHA	Position:	Engineer II			
Off	ice:	Planning and Design Section	Date:				
	36. REVIEWE	D BY DISTRICT OFFICE (If Required)	38. REVIEWED BY REGIONAL OFFICE				
Nar	ne:	ARTEMIOCIGUISALA	Name:	ANGELITA B. MABITAZAN			
Pos	ition:	Chief, Planning and Design Section	Position:	Chief, Planning and Design Division			
Dat	e:		Date:				
37	7. RECOMMEN	DED BY DISTRICT OFFICE (If Required)	39. RECOMMENDED BY REGIONAL OFFICE				
Nar	ne:	ALBERTO M. GAHID	Name:	KHADAFFYD. TANGGOL			
Pos	ition:	District Engineer	Position:	Regional Director			
Dat	e:		Date:	· (.			

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UACS (Unified Account Code Structure as defined in GAA) 300221102689000

Project Id

P00744240LZ

	40. DPWH OFFICE OF THE UNDERSECRETARIES FOR OPERATIONS							
Primary Reason fo	or Request (bas	sed on Catego	ory of Modific	cation): (cl	hoc	ose one)		
Category A	Category E	3	Category C		Cat	tegory D	Impact	
 Typographical error on Project Description 				rangay□Change in (IO),unitCity orrequiring a change in□20%alitythe (OU)cost			 No change or decrease in unit cost 20% or less increase in unit cost > 20% increase in unit cost 	
Reviewed by Office of the Undersecretary for Operations								
Name:	Engr. MANUE	L L. SINGSON	l			Engr. ANTONIO V.	SOBREVIÑAS, JR.	
Signature						M	76	
Position:	Project Mana			Project Manager II				
Date:	C	3/3//23				3/31/23		
			41. DPWH P	LANNING	SEF	RVICE		
Category of Modification (please check the appropriate) □ Category A – Typogra □ Category B – Change □ Category C – Change □ Category D – Change			y B – Change y C – Change y D – Change	in Physica in Locatio in Operati	il Ta n, d ing	lue to non-existing Unit (requires DBM		
			Reviewed b	y Planning	g Se	rvice		
Name:	me: ANNA ANDREA M. NOCHE			Name:		PETER PAUL R. CO	RTEZ	
Signature	Andem			Signature	e:	- flug		
Position:	Regional Coordinator			Position:	þ	OIC - Chief of Prog	ramming Division	
Date:	04.12.23			Date:				