

OFFICE OF THE SECRETARY

Manila

April 26, 2023

MEMORANDUM

:

TO

KHADAFFY D. TANGGOL

Regional Director DPWH-CAR

Engineer's Hill, Baguio City

ATTENTION:

REX K. OYA-OY

OIC-District Engineer

Benguet Second District Engineering Office

Natubleng, Buguias, Benguet

Transmitted herewith are the **APPROVED** requests for the **modification** of hereunder stated projects:

- OO2: Protect Lives and Properties Against Major Floods Construction/ Rehabilitation of Flood Mitigation Facilities within Major River Basins and Principal Rivers Construction of Flood Mitigation Structure along Agno River, Baoknit Section, Sta. 9+945 - Sta. 10+555 (L.S), Sta. 9+928 - Sta. 10+524 (R.S), Buguias, Benguet - - P75,000,000.00
- OO2: Protect Lives and Properties Against Major Floods Construction/ Rehabilitation of Flood Mitigation Facilities within Major River Basins and Principal Rivers Construction of Flood Mitigation Structure along Agno River, Calamagan Section, Sta. 11+008 - Sta. 11+700 (R.S), Sta. 11+008 - Sta. 11+713 (L.S), Buguias, Benguet - - - P75,000,000.00
- 3. Organizational Outcome 1: Ensure Safe and Reliable National Road System Asset Preservation Rehabilitation/ Reconstruction of Roads with Slips, Slope Collapse, and Landslide Secondary Roads Baguio-Bontoc Rd K0266+600 K0266+700, K0267+150 K0267+180, K0268+850 K0268+920, K0272+713 K0272+770 - P30,000,000.00
- Organizational Outcome 1: Ensure Safe and Reliable National Road System Asset Preservation - Rehabilitation/ Reconstruction of Roads with Slips, Slope Collapse, and Landslide - Tertiary Roads Abatan-Mankayan-Cervantes Rd - K0334+360 - K0334+375, K0335+470 - K0335+511, K0342+955 - K0342+974, K0348+350 - K0348+368 - -- P9,000,000.00
- Organizational Outcome 1: Ensure Safe and Reliable National Road System Asset Preservation Rehabilitation/ Reconstruction of Roads with Slips, Slope Collapse, and Landslide Tertiary Roads Gov. Bado Dangwa National Rd K0324+445 K0324+470, K0331+540 K0331+575, K0338+515 K0338+560, K0342+625 K0342+665, K0344+415 K0344+426 - P32,000,000.00, K0278+370, K0279+912 K0279+942 - P21,000,000.00

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 dealt with accordingly.

ADOR G. CANLAS

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



Programming	Division	Eva	luation	Shee
-------------	----------	-----	---------	------

Name of Proje	ect:			Project ID:	P00713137LZ
Baguio-Bontoc	Rd - K0266	600 - K0266 + 700, K0267 + 150 - K0267	+ 180, K0268 + 850 - K0268 +		
920, K0270 + 0	15 - K0270	045, K0272 + 720 - K0272 + 750		Appropriation:	30,000,000
mplementing	Office:	Benguet 2nd District Engineering Office		Date:	04/13/2023
A.		REQUEST			01/10/2023
A.1	TIPEO	hange in Implementing Office/Op	erating Unit due to		
7.1.2	A.1.1	Geographical Jurisdiction	cracing offic add to	DDM	I-OSEC
	A.1.2	Approval of Authority to Bid/Im	nlement	THE PARTY OF THE P	THE RESERVE AND THE PARTY NAMED AND PARTY.
A.2	/	ROJECT MODIFICATION/ADJUST	N .	MECI	BIVET
	A.2.1	•	THE	A CONTRACTOR	
	A.2.1	Typographical Error/s Change in Location (for non-exi	ictent locations only)	APR	2 0 2023
	A.2.3	✓ Change in Station Limits	isteric locations offiy)	As We	
	A.2.4	Addition/Deletion of Word/s		By:	Tiche
			B.1-11-	Control No.: _ C	AC 2 8
	A.2.5	Change in Project Component/s	s Details	101-25 NO.	06305
		Change in Targets	in the second		
		Change in Scope of W			
		252	to		
3		Change in Component			
			t (incl. EXC Component)		
		Deletion of Componen		*	
		A.2.5.6 Movement of Funds be	etween Components		
В.	EVALUA				
B.1		LLOWED as per the GAA Provisions	Print.		
B.2		OT ALLOWED as per the GAA Provision	ns		
C.	FUND S	URCE FY 2023 GAA, R.A. 11936	197 E-5167 N N		
C.1			ased □Unreleased)	Amount:	
C.2	_	eleased thru GAAAO		_	30,000,000
D.	IMPACT				
D.1	Condition	s: % decr	rease in unit cost		
		· · · · · · · · · · · · · · · · · · ·	ease in unit cost		
		· ·	rease in physical target		
		% incre	ease in physical target		
D.2		dditional Project Component			
D.3	1	ertificate of Cost Reasonableness by RI	D		
	Remarks:	V			
י ד.ט	Ciliai KS.				
E Ann	rovina A	nority as per D.O. 13, s. 2023, Guid	delines on Modification of	Allotment under	
the GA		ionty as per 5.0. 15, 5. 2025, dan	delines on Flouncation of	Allocitient under	-
E.1		ndersecretary for Operations			\sim
E.2	/	ecretary		\sim	
		C $\cdot O$ $\cdot \cdot$	7 ()		1 rd pln
valuated By:		m:mt/x	Noted By:		July 11
		VALEX G. BOTE		TANTE A. LLANES	
	A D	ector, Planning Service	Assi	stant Secretary, Pla	ning Service
		ACT	TION SLIP		
roject ID:		#37LZ		Date:	
OR SECRETA	RY MANU	M. BONOAN OR		_	
EMARKS:	N/	eviewed by Planning Service			
		ecommended for Approval	*		
		emarks:			
			/ h		
			(N/A	M	

MARIA CATALINA E. CABRAL, CESO I, Ph.D.
Undersecretary for Planning and PPP Services



OFFICE OF THE SECRETARY

Manila

March 30, 2023

MEMORANDUM

FOR

MANUEL M. BONOAN

Secretary

This Department

This refers to the memorandum dated March 29, 2023 of **DPWH CAR Regional Director KHADAFFY D. TANGGOL**, endorsing the request of **OIC-District Engineer REX K. OYA-OY, Benguet Second District Engineering Office**, for the **modification** of the project under FY 2023 General Appropriations Act (GAA), to wit:

OY, Benguet Second District Engine under FY 2023 General Appropriations A	eering Office, for the modification of the project ct (GAA), to wit;
As per GAA/Original	As Modified
Pro	roject Description

UACS No.: 310108101478000 Project ID.: P00713137LZ

Organizational Outcome 1: Ensure Safe and Reliable National Road System - Asset Preservation - Rehabilitation/ Reconstruction of Roads with Slips, Slope Collapse, and Landslide - Secondary Roads

Baguio-Bontoc Rd - K0266+600 - K0266+700, K0267+150 - K0267+180, K0268+850 - K0268+920, **K0270+015 - K0270+045, K0272+720 - K0272+750**

Organizational Outcome 1: Ensure Safe and Reliable National Road System - Asset Preservation - Rehabilitation/ Reconstruction of Roads with Slips, Slope Collapse, and Landslide - Secondary Roads

Baguio-Bontoc Rd - K0266+600 - K0266+700, K0267+150 - K0267+180, K0268+850 - K0268+920, **K0272+713 - K0272+770**

Type of Work/ Physical Target	Unit Cost	Allocation	Allocation Type of Work/ Physical Target Unit Cost		Estimated Cost	
CW1 – Construction of Road Slope Protection Structure / 2,680.36 sq.m.	of Road Slope Protection Structure / P 10,968.68/		CW1 – Construction of Road Slope Protection Structure / 1,602 sq.m.	₱ 18,352.06 / sq.m.	₱ 29,400,000.00	
EAO	.=	₱ 600,000.00	EAO	=	₱ 600,000.00	
	. Total:	P 30,000,000.00		Total:	₱ 30,000,000.00	

Justification:

Change in station limits and decrease in physical target for CW1 - Construction of Road Slope Protection Structure from 2,680.36 square meter to 1,602 square meter to the following:

- The change in station limits was deemed essential due to the necessity to extend the length to be protected at stations K0272+720 and K0272+750 since the extent of the damaged slope was aggravated during the onslaught of typhoon Karding and to provide immediate protection to areas adjacent to the identified critical section that is exposed to rain and is unstable.
- Removal of station limit K0270+015 K0270+045 in order to accommodate the proposed changes above.
- Unit costs for CW1 increased due to the necessity to (1) reconstruct damaged PCCP, (2) incorporate drainage works in
 order to properly divert surface run-off away from the road, (3) to construct off-carriageway structures such as sidewalk
 in order ensure safety of both passer-bys and motorists, and (4) paving of shoulders.
- The derived unit cost is based on the approved Program of Work (POW) and Detailed Unit Price Analysis (DUPA).
- See attached Certificate of Reasonableness of Cost Estimates signed by the Regional Director.

Attached are the following supporting documents: Approved Program of Works (POW), Detailed Engineering Design (DED), Certificate of Availability of Funds, BP202, Geotagged Photos, GIS Map, Certificate of Reasonableness of Unit Cost, and RSM Annexes.

No.: 310108101478000 Project ID.: P00713137LZ

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 CATALINA E. CABRAL, Ph.D., CESO I

Undersecretary for Planning and Public-Private Partnership Services

XIII

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

APPROVED/DISAPPROVED:

MANUEL M. BONOAN Secretary

2.3 mksa/MLS/AVS/AGC/ERP

Department of Public Works and Highways Office of the Secretary

WIN3E02814



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 - Asset Preservation Program - Rehabilitation/ Reconstruction of Roads with Slips, Slope Collapse, and Landslide - Secondary Roads - Baguio-Bontoc Rd - K0266+600 - K0266+700, K0267+150 - K0267+180, K0268+850 - K0268+920,

K0270+015 - K0270+045, K0272+720 - K0272+750

We are respectfully forwarding the Memorandum dated March 28, 2023 from OIC-District Engineer Rex K. Oya-oy, Benguet Second District Engineering Office, regarding the modification of the above project in the amount of **Thirty Million Pesos (Php 30,000,000.00)** as indicated below:

	FROM	то
Project ID	P00713137LZ	
Project Title	Baguio-Bontoc Rd - K0266+600 - K0266+700, K0267+150 - K0267+180, K0268+850 - K0268+920, K0270+015 - K0270+045 , K0272+720 - K0272+750	Baguio-Bontoc Rd - K0266+600 - K0266+700, K0267+150 - K0267+180, K0268+850 - K0268+920, K0272+713 - K0272+770
Physical Target	2,680.36 Square Meters	1,602 Square Meters
Allocation	Php 30,000,000	Php 30,000,000

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 DLBC/EFD/JWC/ABM

Telefax: (074)444-6460, (074)444-8838 * Email address: dpwh_car@dpwh.gov.ph



BENGUET SECOND DISTRICT ENGINEERING OFFICE

CORDILLERA ADMINISTRATIVE REGION Natubleng, Buguias, Benguet

March 28, 2023

MEMORANDUM

FOR

: KHADAFFY D. TANGGOL

Regional Director

THRU

: ANGELITA B. MABITAZAN

Chief, Planning and Design Division

SUBJECT: Submission of Requirements for FY 2023 Modification of the project, Rehabilitation/ Reconstruction of Roads with Slips, Slope Collapse, and Landslide - Secondary Roads - Baguio-Bontoc Rd - K0266+600 - K0266+700, K0267+150 - K0267+180, K0268+850 - K0268+920, K0270+015 - K0270+045,

K0272+720 - K0272+750

Respectfully submitting the requirements for the modification of the FY 2023 project: "Rehabilitation/ Reconstruction of Roads with Slips, Slope Collapse, and Landslide - Secondary Roads - Baguio-Bontoc Rd -K0266+600 - K0266+700, K0267+150 - K0267+180, K0268+850 - K0268+920, K0270+015 - K0270+045, K0272+720 - K0272+750" for your endorsement.

FROM		то		
Project Description:				
Asset Preservation Program - Rehabilitatio Reconstruction of Roads with Slips, Slope Collaps and Landslide - Secondary Roads Baguio-Bontoc Rd - K0266+600 - K0266+70 K0267+150 - K0267+180, K0268+850 - K0268+92 K0270+015 - K0270+045, K0272+720 K0272+750 Physical Target Allocation (Philoconticular Construction of Road Slope Protection Structure		, Reconstruction of Roads with Slips, Slope Collar and Landslide - Secondary Roads , Baguio-Bontoc Rd - K0266+600 - K0266+7 , K0267+150 - K0267+180, K0268+850 - K0268+9		
Physical Target	Allocation (PhP)	Physical Target	Allocation (PhP)	
CW-1: Construction of Road Slope	•	CW-1: Construction of Road Slope Protection Structure		
2680.36 square meter	29,400,000.00	1602 square meter	29,400,000.00	
EAO (2%)	600,000.00	EAO (2%)	600,000.00	
Total:	30,000,000.00	Total:	30,000,000.00	

For your review.

CAR 17.1 VBC/MBB/RKO

District Engineer

Tables for Modification Request Form

		A. GEI	NERAL		
1. REGION Cordillera Admini	strative Region	2. DEO Benguet Second D	istrict Engineering (EGISLATIVE DISTRICT GUET (LONE DISTRICT)
	B. ORIGINAL PROJECT		c.	PROPOSED REV	/ISED PROJECT
4. UACS (Unified A	Account Code Structure a	as defined in GAA)			
5. Project Id P00713137LZ					
6. Project Catego OO1: Ensure Safe	r y and Reliable National Ro	ad System			
7. Sub-Program (F	P/A/P)				
Asset Preservation	n Program - Rehabilitatio	n/ Reconstruction of Re	oads with Slips, Slop	oe Collapse, and	Landslide - Secondary Road
8. Operating Unit			18. Operating Uni	t (Change subje	ct to DBM approval)
Benguet 2nd Distr	rict Engineering Office		Benguet 2nd Distr	ict Engineering	Office
9. Type of Work (Enter Details for all Com	ponents below)	19. Type of Work	(Enter Details fo	or all Components below)
Component ID	onent ID Type of Work		Component ID	Type of Wor	k
CW1	Construction of Road Structure	Slope Protection	CW1	Construction Structure	of Road Slope Protection
Baguio-Bontoc Re	CRIPTION (as recorded in d - K0266+600 - K026 8+850 - K0268+920, K02 72+7 5 0	6+700, K0267+150 -	~	d - K0266+600	e revised project) - K0266+700, K0267+150 920, K0272+7 <mark>13</mark> K0272+7 <mark>7</mark> 0
11. ALLOTMENT (30,000	P'000) (as recorded in G	AA)	21. REVISED ESTIN (P'000) (Equal to, GAA allotment)		22. CAF (To be obtained from Financial Management office)
42 DUVELCAL TAR	OCT /Futur Dutails for al	I Carron an anta la alaux)	30,000	CET /Entay Date	
	RGET (Enter Details for al				ails for all Components belo
Component ID	Target	Target Unit	Component ID	Target	Target Unit
CW1	2,680.36	Square Meters (m2)	CW1		Square Meters (m2 all Components below)
13. UNIT COST (E)	nter Details for all Comp	And the second section of the section of t	24. UNIT COST (E		
Component ID	Component Cost (P'000)	Target Unit Cost (P'000/Target Unit)	Component ID	Component (P'000)	Cost Target Unit Cost (P'000/Target Unit
CW1	29,400.000 /	10.96868	CW1	29,400.000 -	18.35206
EAO	600.000		EAO	600.000	
	RK LOCATION (Must be d DO 65 Series 2014)	lefined in strict		DO 65 Series 20	Aust be defined in strict 14. <mark>Also complete "ANNEX A · 00-1</mark>)
Start X	End X		Start X	E	end X
Start Y	End Y		Start Y	E	ind Y
15. ROAD CLASSII	FICATION (if applicable)		26. ROAD CLASSII	FICATION (if app	olicable)
Secondary Road			Secondary Road		
of the original pro	NG OFFICE (Record the Ir oject) rict Engineering Office	nplementing Office	27. IMPLEMENTING of the proposed reproposed	evised project)	ord the Implementing Office

*	Tables for	Modification Req	uest Form		
17. PROJECT IMPLEM	MENTATION PLAN (PIP)	28. PROJEC	T IMPLEMENTATIO	ON PLAN (PIP)	
Planned Start Date 04/03/2023	Planned End Date 11/06/2023	Planned Sta 04/03/2023		Planned End Da 11/06/2023	ate
		29. OVERLA	NP?	30. UNDER WA	ARRANTY?
		⊠ NO	☐ YES	⊠ NO I	□ YES
	D. ATT	ACHMENTS & JUSTIFICA	TIONS		
31. PROJECT IMPAC	ANALYSIS ATTACHED? (For Floor	od Control Projects)			
from 2,680.36 sq The change at station onslaught section the Removal of Unit costs works in structures shoulders The derive (DUPA). See attack	ed unit cost is based on the ned Certificate of Reasonabler e following supporting docu rtificate of Availability of Fund	meters due to the followed essential due to the Disince the extent of the rovide immediate protestable. 10270+045 in order to a see necessity to (1) reconface run-off away from ensure safety of both approved Program of these of Cost Estimates of the ments: Approved Program of these cases approved Program of these safety of both these of the case of th	ving: necessity to extended along the damaged slope ection to areas and eccommodate the struct damaged lame the road, (3) passer-bys and Work (POW) and approved by the Figram of Works	end the length be was aggrave djacent to the id proposed char PCCP, (2) incorp to construct motorists, and d Detailed Uni Regional Direct	to be protected ated during the dentified critical ages above. porate drainage off-carriageway d (4) paving of at Price Analysis for.
33. PHOTOS SUBMIT	TED				
34. A MAP OF THE P	ROPOSED PROJECT WORK LOCA 'ES	TION SUBMITTED			

Tables for Modification Request Form

- 15 - 1611 S-0 CS-0 (27 Kg)	35. PRE	PARED BY:	STATE OF THE SECRETARY
Name:	Vaneus Clan_ VANESSA B. CHAN	Position:	Engineer II
Office:	Benguet 2nd District Engineering Office	Date:	
36. R	EVIEWED BY DISTRICT OFFICE (If Required)	er kanenn	38. REVIEWED BY REGIONAL OFFICE
Name:	MARJOR B. BANAO	Name:	ANGELITA B. MABITAZAN
Position:	OIC - Chief, Planning and Design Section	Position:	Chief, Planning and Design Division
Date:		Date:	
37. RECO	OMMENDED BY DISTRICT OFFICE (If Required)		39. RECOMMENDED BY REGIONAL OFFICE
Name:	REX X. OVA-OV	Name:	KHADAFFY D. TANGGOL
Position:	OIC - District Engineer	Position:	Regional Director
Date:		Date:	

Tables for Modification Request Form

310108101478	000	ucture as uer	med in GAAJ		
Project Id P00713137LZ					
	40.	DPWH OFFIC	CE OF THE UNDERSECT	RETARIES FOR OPERA	TIONS
Primary Reaso	n for Request (ba	sed on Categ	ory of Modification):	choose one)	
Category A	Category B	3	Category C	Category D	Impact
☐ Typographical error on Project Description ☐ Overlapping Sections ☐ Change in Statio Limits ☐ Change in Physic Target		ns e in Station	☐ 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
	ne errom Agun errom errom errom errom errom	Reviewed by	Office of the Unders	ecretary for Operatio	ns
Name:	Engr. MANUE	L. SINGSON	I	Engr. ANTONIO	v. sobreviñas, jr.
Signature Position: Date:	Project Mana	ger I	t /m	Project Manager	3/3/123
Strate (Salata)		- 104 M	41. DPWH PLANNIN	G SERVICE	
Category of Mo	odification the appropriate)	Categor	ry A – Typographical En ry B – Change in Statio ry C – Change in Locati ry D – Change in Opera ration does not comply	n Limits on, due to non-existir ating Unit (requires DE	BM approval)
			Reviewed by Planni	ng Service	
Name:	ANNA ANDR	EA M. NOCH	E Name:	PETER PAUL R. C	CORTEZ
Signature	Lug	lem/	Signatu	ire: fail	
Position:	Regional Cod	ordinator	Positio	n: OIC - Chief of Pro	ogramming Division
Date:	04.18	23	Date:		

ANNEX A: Project Work Location Details for National Roads

Component	Section	Start Limit	End Limit	Start	End	Length	Type of Work	Detail Scope of Work	Target	Physical
ID	ID	LRP + Disp	LRP + Disp	Chainage	Chainage	(m)			Unit	Target
CW-1	S00373LZ	K0266+600	K0266+700	4655	4755	100	Construction of Road Slope Protection Structure	1. Slope protection works (Two-layered Retaining Wall w/ parapet and concrete berm (RS), and Grouted Riprap (LS)), 2. Drainage works (Curb and gutter (RS), and flume (RS)), 3. PCCP Reconstruction (RL) and 4. Paving of shoulders (RS)	square meter	606
CW-1	S00373LZ	K0267+150	K0267+180	5212	5242	30	Construction of Road Slope Protection Structure	1. Slope protection works (Breastwall (LS)) and 2. Construction of side walk (LS)	square meter	60
CW-1	S00373LZ	K0268+850	K0268+920	6937	7007	70	Construction of Road Slope Protection Structure	1. Slope protection works (Breastwall (RS)) and 2. Drainage works (Curb and gutter (RS))	square meter	100
CW-1	S00373LZ	K0272+713	K0272+770	10786	10843	57	Construction of Road Slope Protection Structure	1. Slope Protection Works (4 layered Retaining wall with concrete berm (RS), Retaining wall(LS)) 2. Drainage works (Canal (LS), Inlet (LS), Flume (LS), additional RCPC at outfall, Curb and Gutter (RS)) 3. Paving of shoulders (LS) 4. Construction of sidewalk (RS) 5. PCCP Reconstruction (RL)	square meter	836