

Republic of the Philippines DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS

OFFICE OF THE SECRETARY

Manila

September 1, 2022

MEMORANDUM

TO

KHADAFFY D. TANGGOL

Regional Director DPWH-CAR

Engineer's Hill, Baguio City

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

- 1. OO1: Ensure Safe and Reliable National Road System Asset Preservation Rehabilitation/ Reconstruction of National Roads with Slips, Slope Collapse, and Landslide Tertiary Roads Gov. BadoDangwa National Rd K0338 + 320 **K0338** + 473 - **P150,000.000**
- OO2: Protect Lives and Properties Against Major Floods Flood Management -Construction/ Rehabilitation of Flood Mitigation Facilities along Major River Basins and Principal Rivers Construction of Flood Control Structure along Nayon River, Sta. 13+904- Sta. 13+960 and Sta. 13+970- Sta. 14+114, (Bimpal side) Lamut, Ifugao - - - P13,000.000
- 3. OO1: Ensure Safe and Reliable National Road System Asset Preservation Rehabilitation/ Reconstruction of National Roads with Slips, Slope Collapse, and Landslide Secondary Roads Banaue-Mayoyao-A Lista-Isabela Bdry Rd **K0358** + **842** K0359 + 047 - ₱**69,000.000**
- 4. OO1: Ensure Safe and Reliable National Road System Asset Preservation Rehabilitation/ Reconstruction of National Roads with Slips, Slope Collapse, and Landslide Secondary Roads Baguio-Bontoc Rd K0369 + 640 K0369 + 910 - P 180,000.000
- 5. OO1: Ensure Safe and Reliable National Road System Asset Preservation Rehabilitation/ Reconstruction of National Roads with Slips, Slope Collapse, and Landslide Secondary Roads Banaue-Mayoyao-A Lista-Isabela Bdry Rd **K0353** + **710 K0353** + **804** - -₱**94**,**444**.**000**
- 6. OO1: Ensure Safe and Reliable National Road System Asset Preservation Rehabilitation/ Reconstruction of National Roads with Slips, Slope Collapse, and Landslide Tertiary Roads Kiangan-Tinoc-Buguias Rd K0355 + 520 -K0355 + 668 - ₱200,000.000
- 7. OO1: Ensure Safe and Reliable National Road System Asset Preservation Rehabilitation/ Reconstruction of National Roads with Slips, Slope Collapse, and Landslide Secondary Roads Baguio Bontoc Rd K0375 + 100 **K0375 + 130**, K0375 + 935 **K0376 + 042** - ₱**140,000.000**
- 8. OO1: Ensure Safe and Reliable National Road System Asset Preservation Rehabilitation/ Reconstruction of National Roads with Slips, Slope Collapse, and Landslide Tertiary Roads Gov. Bado Dangwa National Rd K0339 + 548 K0339 + 706 - ₱170,000.000

It is informed that **a project can only be modified once** as prescribed under the FY 2022 General Appropriations Act (GAA). Further, it is 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.

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



Republic of the Philippines DEPARTMENT OF PUBLIC WORKS AND

OFFICE OF THE SECRETA

Project ID:

Reference

Number:

CAR-180

P00609587L

Manila

July 28, 2022

MEMORANDUM

FOR

MANUEL M. BONOAN

Secretary

This Department

This refers to the memorandum dated July 4, 2022 of DPWH CAR Regional Director KHADAFFY D. TANGGOL requesting for the approval of the Modification of the project under FY 2022 General Appropriation Act (GAA), to wit;

	ls per GAA/Orig	ginal	As Modified		
			escription		
	3101091007920 P00609587LZ	000			
OO1: Ensure Sa System	afe and Reliable N	National Road	OO1: Ensure Safe and Reliable National Road System		
	ds with Slips, Slo	on/ Reconstruction ope Collapse, and	Reconstruction of	on - Rehabilitatio of National Roads and Landslide - T	with Slips,
Kiangan-Tinoc-Buguias Rd - K0355 + 550 - K0355 + 650			Kiangan-Tinoc-Buguias Rd - K0355 + 520 K0355 + 668		
Physical Target	Unit Cost P	Allocation P ('000)	Physical Target	Unit Cost P	Estimated Cost P ('000)
CW1 Construction of Road Slope	₽ 17,370.00	₽ 193,000.000	CW1 Construction of Road Slope Protection	225,441.60 / Square	₽ 193,000.000
Protection Structure: 11,111.110 Square meters	/ Square meters	+ 193,000.000	Structure: 7,586.000 Square meters	meters	
Protection Structure: 11,111.110		₽ 7,000.000	Structure: 7,586.000		₽ 7,000.000

- The revised station limit reflects the exact section that requires immediate slope mitigation due to its susceptibility to soil/ rock collapse.
- The decrease from 11,111.110 square meters to 7,586.000 square meters in the physical target is due to the increase in length of the structure and the decrease in average slant height from 111 meters to 51 meters based on the result of the stability analysis.

UACS No.: 310109100792000 Project ID: P00609587LZ

Page 2 of 2

The increase in unit cost is due to the design length of 5-meter permanent ground anchors, as
recommended in the design analysis. Also, the utilization of the prevailing construction material
cost of system components of the Active Protection System contributed to the increase in unit
cost thereon causing a deduction in the target area of the proposed slope mitigation.

The derived unit cost is based on the approved Detailed Unit Price Analysis and Program of Work which consider the lowest canvass cost for high tensile wire mesh, with joint rod, wire rope,

rope grips, coupling coil, pin anchors, and cross clips/ anchors.

See attached Certificate of Reasonableness of Estimates approved by the Regional Director.

• See also the attached evaluation of the Bureau of Construction on the unit cost of the similar type projects.

Based on our evaluation, the submitted request for modification of the said project is in order. Hence, the said request is hereby recommended for Secretary's consideration and approval.

ADOR G CANLAS

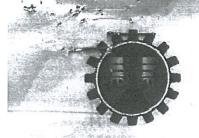
Assistant Secretary for Regional Operations Regions I, II, CAR, IX, X, XI, XII and XIII

APPROVED/DISAPPROVED:

3.5 dlbc/aap/AVS/AGC

Secretary

Department of Public Works and Highways
Office of the Secretary



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

Manila

July 27, 2022

MEMORANDUM

FOR

: Assistant Secretary ADOR G. CANLAS.

For Regional Operations in REGIONS I, II, CAR, IX, X, XI, XII & XIII

Subject

: 001: Ensure Safe and Reliable National Roads with Slips Slope Collapse and Landslide — Secondary Roads, Rehabilitation/Reconstruction of National Roads Banaue — Mayoyao A Lista — Isabela Bdry. Road P85,905,000.00 and three (3) others.

Forwarded herewith are the result of evaluation for the above-mentioned projects which were referred to this office.

PROJECT NO. 1

The amount of Eighty Five Million Nine Hundred Five Thousand Pesos (P85,905,000.00) for 3,140.50 m² of Slope Protection Structures as submitted was found to be reasonable as evaluated based on the items of work involved and its quantities as reflected in the submitted Program of Works and design plans duly approved by Regional Director, DPWH-CAR.

SCOPE OF WORK

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ITEM NO.	DESCRIPTION		DUNT tal Cost)	PERCENT Weight (%)
Part A	Facilities for the Engineer	Р	203,439.60	0.25%
Part B	Other General Requirements	Р	1,532,726.30	1.85%
Part C	Earthworks	Р	223,796.35	0.27%
Part G	Drainage & Slope Protection Structures	P.	80,769,413.00	97.43%
Part H	Miscellaneous Structures	Р	168,028.00	0.20%
	GRAND TOTAL	P	82,897,403.25	100.00%

Cost of slope protection per m^2 = $\frac{P82,897,403,25}{3,140.00 \text{ m}^2}$ = $\frac{P26,400.45}{m^2}$ = $\frac{P26,400.45}{m^2}$ = $\frac{P80,769,413.00}{3,140.00 \text{ m}^2}$ = $\frac{P25,722.74}{m^2}$

The estimated cost of **P26,400.45** per square meter of slope protection structures for the Rehabilitation/Reconstruction of National Roads with Slips Slope Collapse and Landslide - Secondary Roads – Banaue - Mayoyao A Lista – Isabela Bdry. Road at 3,140.00 square meter is due to design requirements which mainly involved Erosion Control Mat (Type 4), Permanent Ground Anchor, Hydroseeding and Active Wire Mesh System (High Tensile) at **97.43%** of the total project cost coupled with recent price escalation of construction materials and fuel and it is 394.50 km away to project site.

(Part A, B, C & G are excluded)

If Facilities for the Engineer, Other General Requirements, Earthworks, and Miscellaneous Structures along the stations as reflected in K0350+650 – K0350+760 per approved plans and location map of the proposed new road alignment are excluded in the computation the resulting cost is only P25,722.74 per square meter, hence it is considered reasonable as the Unit Costs of the items of work involved are within the range of the prevailing cost of the Department.

PROJECT NO. 2

The amount of Three Hundred Million Pesos (P300,000,000.00) for 11,394.00 m² of Slope Protection Structures as submitted was found to be reasonable as evaluated based on the items of work involved and its quantities as reflected in the submitted Program of Works and design plans duly approved by Regional Director, DPWH-CAR.

SCOPE OF WORK

ITEM NO.	DESCRIPTION		OUNT tal Cost)	PERCENT Weight (%)	
Part A	Facilities for the Engineer	P	375,580.80	0.13%	
Part B	Other General Requirements	P	2,559,573.20	0.88%	
Part C	Earthworks	P	474,665.97	0.16%	
Part D	Subbase and Base Course	P	158,117.45	0.05%	
Part E	Surface Course	P	1,407,120.60	0.49%	
Part F	Bridge Construction	Р	120,689.44	0.04%	
Part G	Drainage & Slope Protection Structures	P	284,252,869.60	98.19%	
Part H	Miscellaneous Structures	Р	147,484.80	0.05%	
	GRAND TOTAL	P	289,496,101.86	100.00%	

Cost of slope protection per m ²	=	P289,496,101.86 11,394.00 m ²	=	P25,407.77/m ²
Cost per kilometer of Road (Exclude Part A, B, C, D, E, F & H)	=	P284,252,869.60 11,394.00 m ²	=	P24,947.59/m ²

The estimated cost of **P25,407.77** per square meter of slope protection structures for the Rehabilitation/Reconstruction of National Roads with Slips Slope Collapse and Landslide - Secondary Roads – Mt. Province – Cagayan via Tabuk – Enrile Road at 11,394.00 square meter is due to design requirements which mainly involved Erosion Control Mat (Type 4), Permanent Ground Anchor, Hydroseeding and Active Wire Mesh System (High Tensile) at **98.19%** of the total project cost coupled with recent price escalation of construction materials and fuel and it is 422.48 km away to project site.

(Part A, B, C, D, E, F & H are excluded)

If Facilities for the Engineer, Other General Requirements, Earthworks, Subbase Course, Surface Course, Bridge Construction and Miscellaneous along the stations as reflected in K0406+453 – K0406+692 per approved plans and location map of the proposed new road alignment are excluded in the computation the resulting cost is only **P24,947.59** per square meter, hence it is considered reasonable as the Unit Costs of the items of work involved are within the range of the prevailing cost of the Department.

PROJECT NO. 3

The amount of Sixty Nine Million Pesos **(P69,000,000.00)** for **2,507.00** m² of Slope Protection Structures as submitted was found to be reasonable as evaluated based on the items of work involved and its quantities as reflected in the submitted Program of Works and design plans duly approved by Regional Director, DPWH-CAR.

SCOPE OF WORK

ITEM NO.	DESCRIPTION		OUNT tal Cost)	PERCENT Weight (%)
Part A	Facilities for the Engineer	P	203,439.60	0.31%
Part B	Other General Requirements	P	1,511,469.80	2.27%
Part C	Earthworks	Р	228,436.93	0.34%
Part G	Drainage & Slope Protection Structures	Р	64,640,950.30	97.08%
	GRAND TOTAL	P	66,584,296.63	100.00%

Cost of slope protection per m ²	=	P66,584,296.83 2,507.00 m ²	=	P26,559.35/m ²
Cost per kilometer of Road (Exclude Part A, B & C)	=	P64,640,950.30 2,507.00 m ²	=	P25,784.18 m ²

The estimated cost of **P26,559.35** per square meter of slope protection structures for the Rehabilitation/Reconstruction of National Roads with Slips Slope Collapse and Landslide - Secondary Roads – Banaue - Mayoyao A Lista – Isabela Bdry. Road at 2,507.00 square meter is due to design requirements which mainly involved Erosion Control Mat (Type 4), Permanent Ground Anchor, Hydroseeding and Active Wire Mesh System (High Tensile) at **97.08%** of the total project cost coupled with recent price escalation of construction materials and fuel and it is 402.80 km away to project site.

(Part A, B & C are excluded)

If **Facilities for the Engineer, Other General Requirements and Earthworks,** along the stations as reflected in K0358+842 – K0359+047 per approved plans and location map of the proposed new road alignment are excluded in the computation the resulting cost is only **P25,784.18** per square meter, hence it is considered reasonable as the Unit Costs of the items of work involved are within the range of the prevailing cost of the Department.

PROJECT NO. 4

The amount of One Hundred Fifty Million Five Hundred Fifty Thousand Pesos (P150,550,000.00) for 5,853.04 m² of Slope Protection Structures as submitted was found to be reasonable as evaluated based on the items of work involved and its quantities as reflected in the submitted Program of Works and design plans duly approved by Regional Director, DPWH-CAR.

SCOPE OF WORK

ITEM NO.	DESCRIPTION		OUNT tal Cost)	PERCENT Weight (%)
Part A	Facilities for the Engineer	Р	281,685.60	0.19%
Part B	Other General Requirements	Р	1,787,292.50	1.23%
Part C	Earthworks	P	417,767.82	0.29%
Part F	Bridge Construction	Р	6,171,515.37	4.25%
Part G	Drainage & Slope Protection Structures	Р	136,619,434.98	94.04%
	GRAND TOTAL	P	145,277,696.27	100.00%

Cost of slope protection per m ²	=	P145,277,696.27 5,853.04 m ²	=	P24,820.90/m ²
Cost per kilometer of Road (Exclude Part A, B, C & F)	=	P136,619,434.98 5,853.04 m ²	=	P23,341.62/m ²

The estimated cost of **P24,820.90** per square meter of slope protection structures for the Rehabilitation/Reconstruction of Roads with Slips Slope Collapse and Landslide - Secondary Roads - Baguio - Bontoc Road, Sabangan, Mt. Province at 5,853.04 square meter is due to design requirements which mainly involved Erosion Control Mat (Type 4), Permanent Ground Anchor, Hydroseeding and Active Wire Mesh System (High Tensile) at **94.04%** of the total project cost coupled with recent price escalation of construction materials and fuel and it is 385.30 km away to project site.

(Part A, B & C are excluded)

If Facilities for the Engineer, Other General Requirements, Earthworks and Bridge Construction along the stations as reflected in K0374+120 – K0374+285 per approved plans and location map of the proposed new road alignment are excluded in the computation the resulting cost is only P23,341.62 per square meter, hence it is considered reasonable as the Unit Costs of the items of work involved are within the range of the prevailing cost of the Department.

ARISTARCO M. DOROY

OIC - Director, Bureau of Construction

Cc: Undersecretary MAXIMO L. CARVAJAL for Technical Services

6.1.1 JAM/CBC/GEC
Desktop reasonableness CAR
Ref. No.: 6.1-405-5550/358-02



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

Engineer's Hill, Baguio City

July 4, 2022

MEMORANDUM

FOR

: MANUEL M. BONOAN

Secretary

THRU

: ROBERTO R. BERNARDO

Undersecretary for Regional Operations in Luzon

Except NCR and Region IV-B

SUBJECT

: Request for the Modification of the Project: ORGANIZATIONAL OUTCOME 1: Ensure Safe and Reliable National Road System - Asset Preservation Program - Rehabilitation/ Reconstruction of Roads with Slips, Slope Collapse, and Landslide - Tertiary Roads - Vincent Times Busines Bd. Woods - Tertiary Roads - Vincent Times Busines Bd. Woods - Tertiary Roads - Vincent Times Busines Bd. Woods - Tertiary Roads - Vincent Times Busines Bd. Woods - Tertiary Roads - Vincent Times Busines Bd. Woods - Tertiary Roads - Vincent Times Busines Bd. Woods - Tertiary Roads - Vincent Times Busines Bd. Woods - Vincent Times -

Kiangan-Tinoc-Buguias Rd - K0355 + 550 - K0355 + 650

We are respectfully submitting the modification of the above project in the amount of **Two Hundred Million Pesos (Php 200,000,000.00)**, as indicated below:

	As per GAA/Original	As Modified					
Project ID	P00609587LZ						
UACS	310109100792000						
Project Title	Kiangan-Tinoc-Buguias Rd – K0355 + 550 - K0355 + 650	Kiangan-Tinoc-Buguias Rd – K0355 + 520 - K0355 + 668					
Physical Target	11,111.110 Square meters	7,586.000 Square meters					

The supporting documents based on D.O. No. 37, series of 2018 are attached for your ready reference.

For the consideration of the Secretary.

KHADAFFY DY TANGGOL

Regional Director

CAR.1 CSCE/EFD/JWC/ABM

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

E-mail address: dpwh_car@dpwh.gov.ph

Y.,		A.	GENERAL				
1. REGION Cordillera Admin	istrative Region	2. DEO Ifugao 1st District	Engineering Office			/E DISTRICT IE DISTRICT)	
	B. ORIGINAL PROJEC	СТ	C. Pi	ROPOSED REV	ISED PR	OJECT	
4. UACS (Unified Ac 31010910079200	count Code Structure as de	fined in GAA)					
5. Project Id P00609587LZ	/						
6. Project Catego OO1: Ensure Safe	ry and Reliable National	Road System					
7. Sub-Program (I Asset Preservatio Roads	P/A/P) n - Rehabilitation/ Rec	construction of Natio	onal Roads with Slips,	Slope Collapse	, and Lan	dslide - Tertiary	
8. Operating Unit Central Office		18. Operating Unit (Change subject to DBM approval) Central Office					
9. Type of Work (Enter Details for all Compo	nents 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 Protection Struc		CW1		Construction of Road Slope Protection Structure		
EAO			EAO				
	CRIPTION (as recorded in guias Rd - K0355 + 550		20. PROJECT DESCR Kiangan-Tinoc-Bugu		/ X		
11. ALLOTMENT (P'000) (as recorded in GAA) 200,000		21. REVISED ESTIMATED COST (P'000) (Equal to, or lower than GAA allotment) 200,000 22. CAF (To be obtain Financial Management			,		
12. PHYSICAL TAR	RGET (Enter Details for all	Components below)	23. PHYSICAL TARG	ET (Enter Details 1	or all Com	ponents below)	
Component ID	Target	Target Unit	Component ID	Target		Target Unit	
CW1	11,111.110	Square meters	CW1	7,586.000		Square meters	
EAO			EAO				
13. UNIT COST (En	nter Details for all Compone	ents below)	24. UNIT COST (Ente	r Details for all Cor	nponents h	pelow)	
Component ID	Component Cost (P'000)	Target Unit Cost (P'000/Target Unit)	Component ID	Componer (P'000)	nt Cost	Target Unit Cost (P'000/Target Unit)	
CW1	193,000.000	17.370	CW1	193,000.00	00 /	25.442	
EAO	7,000.000		EAO	7,000.000	/		

14. PROJECT WORK LOCATION (Must be defined in strict accordance with DO 65 Series 2014) Click here to enter text.		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 and LP) Click here to enter text.						
Start X		End X		Start X		End X		
Start Y		End Y		Start Y		End Y		
15. ROAD CL Tertiary Road	ASSIFICATION (if a	pplicable)		26. ROAD CI Tertiary Roa	ASSIFICATION (i	f applicable)		
16. IMPLEMI the original pro Regional Offi		ecord the Im	plementing Office of	27. IMPLEMENTING OFFICE (Record the Implementing Office of the proposed revised project) Regional Office CAR				
17. PROJECT	IMPLEMENTATIO	N PLAN (P	PIP)	28. PROJECT	IMPLEMENTAT	ION PLAN (PIP)		
Planned Star 06/25/2022	t Date	Planned 05/20/20		Planned Star 06/25/2022		Planned End 05/20/2023	Date	
					P? □ YES	30. UNDER V ⊠ NO	VARRANTY? ☐ YES	
			D. ATTACHMEN	NTS & JUSTIFI	CATIONS			
31. PROJECT □ NO	IMPACT ANALYSI	S ATTACH ⊠ N/		ol Projects)				
• The susc		imit refle / rock col l1,111.11	cts the exact sec lapse. O square meters	tion that requestion to 7,586.000	uires immediat	in the physica	al target is due to	
 the increase in length of the structure and the decrease in average slant height from 111 meters to 51 meters based on the result of the stability analysis. The increase in unit cost is due to the design length of 5-meter permanent ground anchors, as recommended in the design analysis. Also, the utilization of the prevailing construction material cost of system components of the Active Protection System contributed to the increase in unit cost thereon causing a deduction in the target area of the proposed slope mitigation. The derived unit cost is based on the approved Detailed Unit Price Analysis and Program of Work which considers the lowest canvass cost for wire mesh, high tensile, with joint rod, wire rope, rope grips, coupling coil, pin anchors, and cross clips/ anchors. See attached Certificate of Reasonableness of Estimates approved by the Regional Director. 								
33. PHOTOS SUBMITTED □NO ⊠YES								
34. A MAP OF THE PROPOSED PROJECT WORK LOCATION SUBMITTED □NO ⊠YES								

	35. P	REPARED B	Y:
Name:	ERLINDAF. BOLIENTE	Position:	Chief, Planning Section
Office:	Cordillera Administrative Region	Date:	
36. REVIEV	VED BY DISTRICT OFFICE (If Required)	38. REV	/IEWED BY REGIONAL OFFICE
Name:		Name:	ANGELTAB. MABITAZAN
Position:		Position:	Chief, Planning and Design Division
Date:		Date:	
37. RECOMMI	ENDED BY DISTRICT OFFICE (If Required)	39. REC	COMMENDED BY REGIONAL OFFICE
Name:		Name:	KHADAFFY D. TANGGOL
Position:		Position:	Regional Director
Date:		Date:	

UACS (Unified Accounts) 310109100792000		e as defined in GAA)					
Project Id P00609587LZ								
	40. DPV	VH OFFICE OF T	HE UNDERSECRETARI	ES FOR OPERATIONS U	JSE ONLY			
Category of Modification (choose one)		Category A – Typographical Errors Category B – Change in Station Limits, due to increase or decrease in budget Category C – Change in Location Category D – Change in Operating Unit (requires DBM approval) Adjustment – Send to PS-PD to amend MYPS Modification does not comply with DBM Categories Augmentation						
Primary Reason for	Request (bas	ed on Category	of Modification): (cho	oose one)	V			
Category A	Category B		Category C	Category D	Adjustment (Must be no change to target or GAA line item)			
□ Typographical erro on Project Description □ Project Description needs items removed due to typo error	Work Change due to i decreas	in station limits, ncrease or ie 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 C	office of the Undersec	retary for Operations				
Name: Signature Position: Date:	Project Mana	nger II	¥AS, JR.					
	,	41. DPWH	PLANNING SERVICE O	OFFICE USE ONLY				
Category of Modificategory of Modificate	ation	Category A – Category B – Category C – Category D – Adjustment –	Typographical Errors Change in Station Limits, do Change in Location Change in Operating Unit (or Send to PS-PD to amend No does not comply with DBM	ue to increase or decrease in requires DBM approval) IYPS	n budget			
		1	eviewed by Planning	Service				
lame:	CHRISTYBEL	Z.CANUEL	Name:	PETER PAUL R. COR	TEZ			
ignature			Signature:	* Sanger				
osition:	Regional Co		Position:	OIC – Chief, Program	ming Division			
ate:		8/8/202	Date:					

Annex A to Form for Modification Request

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
P00609587LZ- CW1	S00634LZ	K0355 + 520	K0355 + 668	40667	40815	148	Construction of Road Slope Protection Structure	Rockfall Netting with Erosion Control Mat, Hydroseeding and Permanent Ground Anchor (R/S), Stone Masonry (L/S)	Square meters	7,586