

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

Manila

September 05, 2022

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MEMORANDUM

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

Transmitted herewith are the **<u>APPROVED</u>** requests for **modification** of the 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 *along Claveria CalanasanKabugao Rd K0646 + 450 K0646 + 472 - - -* **P96,552,000.00.**
- 2. OO1: Ensure Safe and Reliable National Road System Asset Preservation Rehabilitation/ Reconstruction of National Roads with Slips, Slope Collapse, and Landslide Tertiary Roads *Jct Talubin-Barlig-Natonin-Paracelis-Calaccad Rd K0380* + *1112 K0380* + *1295* - - - - **₽175,000,000.00**.
- 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 K0350* + 650 K0350 + 760 - - - **P85,905,000.00.**
- 4. OO1: Ensure Safe and Reliable National Road System Asset Preservation Rehabilitation/ Reconstruction of National Roads with Slips, Slope Collapse, and Landslide Secondary Roads *Mt Prov-Cagayan via Tabuk-Enrile Rd K0418 + 580 K0418 + 623, K0418 + 780 K0418 + 898 - - -* **₽150,000,000.00**.
- OO1: Ensure Safe and Reliable National Road System Asset Preservation -Rehabilitation/ Reconstruction of National Roads with Slips, Slope Collapse, and Landslide - Tertiary Roads - Jct Talubin-Barlig-Natonin-Paracelis-Calaccad Rd -K0406 + 226 - K0406 + 401, K0406 + 431 - K0406 + 490 - - - - - P198,000,000.00.
- OO1: Ensure Safe and Reliable National Road System Asset Preservation -Rehabilitation/ Reconstruction of National Roads with Slips, Slope Collapse, and Landslide - Secondary Roads - *Mt Prov-Cagayan via Tabuk-Enrile Rd - K0406 +* 453 - K0406 + 692 - - - - - - **P300,000,000.00.**
- 7. 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 K0319 + 572 K0319 + 736 - - - P120,000,000.00.
- OO1: Ensure Safe and Reliable National Road System Asset Preservation -Rehabilitation/ Reconstruction of Roads with Slips, Slope Collapse, and Landslide - Secondary Roads - *Baguio-Bontoc Rd* - K0347 + 520 - K0347 + 577 - - - - -- - ₱250,000,000.00.

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.

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

2.3 aap/AVS/AGC/ERP



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

Manila

July 28, 2022

MEMORANDUM

FOR MANUEL M. BONOAN 5 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;

	As per GAA/Orig	inal	As Modified			
		Project D	escription			
UACS No. : Project ID:	310109100796 P00611410LZ	000				
001: Ensure System	Safe and Reliable I	National Road	001: Ensure S System	Safe and Reliable N	National Road	
Asset Preservation - Rehabilitation/ Reconstruction of National Roads with Slips, Slope Collapse, and Landslide - Tertiary Roads Gov. Bado Dangwa National Rd - K0319 + 560 - K0319 + 736			Reconstruction Collapse, and	servation - o of National Roads Landslide - Tertiar ngwa National Rd	ry Roads	
110010						
Physical Target	Unit Cost P	Allocation P ('000)	Physical Target	Unit Cost P	Estimated Cost P (`000)	
Physical					Cost	
Physical Target CW1 Construction of Road Slope Protection Structure: 6,666.670 Square	P ₽ 17,370.00 /	P ('000)	CW1 Construction of Road Slope Protection Structure: 4,561.000 Square	₽ ₽ 25,389.17 /	Cost P ('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 6,666.670 square meters to 4,561.000 square meters in the physical target is due to the decrease in length of the structure and the decrease in average slant height from 38 meters to 27 meters based on the result of the stability analysis

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- 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

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APPROVED/DISAPPROVED:

M. BONOAN (MΔNIIFI Secretary

3.5 dlbc/aap/AVS/AGC

Department of Public Works and Highways





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 Regions I, II, III, IV-A, V & CAR
- 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 -Gov. Bado Dangwa National Rd - K0319 + 560 - K0319 + 736

We are respectfully submitting the modification of the above project in the amount of **One Hundred Twenty Million Pesos (Php 120,000,000.00)**, as indicated below:

	As per GAA/Original	As Modified
Project ID	P00611410LZ	
UACS	310109100796000	
Project Title	Gov. Bado Dangwa National Rd - K0319 + 560 - K0319 + 736	Gov. Bado Dangwa National Rd - K0319 + 572 - K0319 + 736
Physical Target	6,666.670 Square meters	4,561.000 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.

KHAD TANGGOL Regional JWC/ABM



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

July 27, 2022

MEMORANDUM

FOR : Assistant

: 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.

ITEM NO.	DESCRIPTION		DUNT al Cost)	PERCENT Weight (%)	
Part A	Facilities for the Engineer	P	203,439.60	0.25%	
Part B	Other General Requirements	P	1,532,726.30	1.85%	
Part C	Earthworks	P	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%	

SCOPE OF WORK

Cost of slope protection per m ²	=	<u>P82,897,403,25</u> 3,140.00 m ²	=	P26,400.45/ m ²
Cost per kilometer of Road (Exclude Part A, B, C & H)	=	<u>P80,769,413.00</u> 3,140.00 m ²	=	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.

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	Р	474,665.97	0.16%
Part D	Subbase and Base Course	Р	158,117.45	0.05%
Part E	Surface Course	Р	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%

SCOPE OF WORK

Cost of slope protection per m ²	=	<u>P289,496,101.86</u> 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		DUNT tal Cost)	PERCENT Weight (%)
Part A	Facilities for the Engineer	Р	203,439.60	0.31%
Part B	Other General Requirements	Р	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	=	<u>P66,584,296.83</u> 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	P	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	P	6,171,515.37	4.25%
Part G	Drainage & Slope Protection Structures	P	136,619,434.98	94.04%
	GRAND TOTAL	P	145,277,696.27	100.00%

Cost of slope protection per m²

P145,277,696.27 5,853.04 m²

P24,820.90/m²

P23,341.62/m²

Cost per kilometer of Road (Exclude Part A, B, C & F)

P136,619,434.98 5,853.04 m²

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

		A. (GENERAL			
1. REGION Cordillera Adminis	strative Region 🏒	2. DEO Benguet 2nd Distri	ct Engineering Office			VE DISTRICT
В	. ORIGINAL PROJEC	Л	C. PF	ROPOSED REV	ISED PR	OJECT
4. UACS (Unified According) 310109100796000	ount Code Structure as def	fined in GAA)				
5. Project Id P00611410LZ						
6. Project Categor OO1: Ensure Safe a	y and Reliable National	Road System /				
7. Sub-Program (P Asset Preservation Roads	/A/P) a - Rehabilitation/ Rec	onstruction of Natio	nal Roads with Slips,	Slope Collapse	e, and Lan	dslide - Tertiary
8. Operating Unit Central Office			18. Operating Unit Central Office	(Change subject to	o DBM appr	oval)
9. Type of Work (E Component ID	nter Details for all Compor	nents below)	19. Type of Work (Component ID	f Work (Enter Details for all Components below) It ID Type of Work		
CW1	Construction of Protection Struc		CW1	Construction of Road Slope Protect		ad Slope Protectio
EAO			EAO			
	CRIPTION (as recorded in a National Rd - K0319		20. PROJECT DESC Gov. Bado Dangwa			/
11. ALLOTMENT (1 120,000 /	P'000) (as recorded in GA	A)	21. REVISED ESTIM (P'000) (Equal to, or la allotment) 120,000			(To be obtained from Management office)
12. PHYSICAL TAR	GET (Enter Details for all	Components below)	23. PHYSICAL TARC	GET (Enter Details	for all Com	ponents below)
Component ID	Target	Target Unit	Component ID	Target		Target Unit
CW1	6,666.670	Square meters	CW1	4,561.000		Square meters
EAO			EAO			
13. UNIT COST (En	ter Details for all Compone	ents below)	24. UNIT COST (Ent	er Details for all Co	omponents l	below)
Component ID	Component Cost (P'000)	Target Unit Cost (P'000/Target Unit)	Component ID	Compone (P'000)	ent Cost	Target Unit Co (P'000/Target Uni
CW1	115,800.000 /	17.370	CW1	115,800.0	000 / /	25.389
EAO	4,200.000 /		EAO	4,200.000		

2.80			unication	inequest		
14. PROJECT WC accordance with DO Click here to enter to		defined in strict	with DO 65	^{Series} 2014. <mark>Also con</mark> ects under OO-1 a	nplete "ANNEX	ed in strict accordance A" for National
Start X	End X		Start X		End X	
Start Y	End Y		Start Y		End Y	
15. ROAD CLASS Tertiary Road	IFICATION (if applicable)		26. ROAD Tertiary R	CLASSIFICATION (if applicable)	
16. IMPLEMENT the original project) Regional Office (nplementing Office of	proposed re	MENTING OFFICE vised project) Office CAR	(Record the Impler	nenting Office of the
17. PROJECT IMI	PLEMENTATION PLAN	(PIP)	28. PROJE	CT IMPLEMENTAT	ION PLAN (PIP)	
Planned Start Da 06/25/2022	ate Planned 05/20/2	end Date	Planned Start Date 06/25/2022		Planned End 05/20/2023	/
			29. OVERI	LAP?	30. UNDER W ⊠ NO	VARRANTY?
		D. ATTACHME	NTS & JUST	IFICATIONS		
31. PROJECT IMI	PACT ANALYSIS ATTAC		ol Projects)			
 32. TECHNICAL JUSTIFICATION (Explain in detail in Bullet point format; minimum of 2 points) The prevised station limit reflects the exact section that requires immediate slope mitigation due to its susceptibility to soil/ rock collapse. The decrease from 6,666.670 square meters to 4,561.000 square meters in the physical target is due to the decrease in length of the structure and the decrease in average slant height from 38 meters to 27 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 SUE □NO ⊠YES	BMITTED					
34. A MAP OF TH □NO ⊠YES	HE PROPOSED PROJECT	WORK LOCATION	SUBMITTED			

	35. P	REPARED B	<i>(</i> :
Name:	ERLINDATE. DOLIENTE	Position:	Chief, Planning Section
Office:	Cordillera Administrative Region	Date:	
36. REVIE	EWED BY DISTRICT OFFICE (If Required)	38. REV	IEWED BY REGIONAL OFFICE
Name:		Name:	ANGELITA B. MABITAZAN
Position:		Position:	Chief, Planning and Design Division
Date:		Date:	
37. RECOMI	MENDED BY DISTRICT OFFICE (If Required)	39. REC	COMMENDED BY REGIONAL OFFICE
Name:		Name:	KHADAFTY D. TANGGOL
Position:		Position:	Regional Director
Date:		Date:	

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UACS (Unified Account	Code Structure	as defined in GAA)						
310109100796000 Project Id								
P00611410LZ								
	40. DPV	VH OFFICE OF TI	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): (che	oose one)				
Category A	Category B		Category C	Category D	Adjustment (Must be no change to target or line item)			
 Typographical error on Project Description Project Description needs items removed due to typo error 	Work Change due to decreas	pping Sections of in station limits, increase or se in budget in Physical Target	 No such Barangay No such City/Municipality 	□ Change in (10), requiring a change in the (OU)	 Typographical error on Proje Component Description Typographical error on other fields not included in, or not consistent with GAA Move funds between Project Components Add/delete Project Compone Change of Itemized Project Component: Various Description Location Amount Target 			
	uale tradical constants for a	Reviewed by C	office of the Undersed	cretary for Operations				
Name:	Engr. ANTO	VIO V. SOBREVII	ÑAS, JR.					
Signature	/	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~						
Position:	Project Man	ager II						
Date:	l	7/28/2	V					
		41. DPWH	I PLANNING SERVICE	OFFICE USE ONLY				
Category of Modification Category C - (choose one) Category D - Adjustment Modification Adjustment Adjustment		 Typographical Errors Change in Station Limits, due to increase or decrease in budget Change in Location Change in Operating Unit (requires DBM approval) Send to PS-PD to amend MYPS n does not comply with DBM Categories on Reviewed by Planning Service 						
	CUDICTUDE			annapasetta nervenariateta tarteerikenikenikenike	DTE7			
Name: Signature	CHRISTYBEL	NC	Name: Signature	PETER PAUL R. CO	KIEZ			
	Regional Coordinator			T XXX	/			
Position:	Regional Cb	ordinator	Position:	OIC – Chief, Progra	mming Division			

Modification Form Version 01-2019

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
P00611410LZ - CW1	S00376LZ	K0319 + 572	K0319 + 736	1412	1576	164	Construction of Road Slope Protection Structure	Rockfall Netting with Erosion Control Mat, Hydroseeding and Permanent Ground Anchor, Breastwall (R/S)	Square meters	4,561