

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:

As Modified

Reference

Number:

CAR-183

P00611412LZ

Manila

July 28, 2022

MEMORANDUM

FOR

MANUEL M. BONOAN

Secretary

As per GAA/Original

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;

	43 per GAA/ Urig				
		Project D	escription		
UACS No. : Project ID:	310109100798 P00611412LZ	000			
001: Ensure System	Safe and Reliable I	National Road	OO1: Ensure S System	Safe and Reliable I	National Road
Reconstruction Slope Collapse	eservation - n of National Ro e, and Landslide - ngwa National Rd 60	Tertiary Roads	Reconstruction Collapse, and	eservation - n of National Roads Landslide - Tertian ngwa National Rd 06	ry Roads
Physical Target	Unit Cost P	Allocation P ('000)	Physical Target	Unit Cost P	Estimated Cost P ('000)
CW1 Construction			CW1 Construction		
of Road Slope Protection Structure: 9,444.440 Square meters	₽ 17,370.00 / Square meters	₽ 164,050.000	of Road Slope Protection Structure: 6,400.000 Square meters	25,632.81 / Square meters	₽ 164,050.000
Slope Protection Structure: 9,444.440 Square		₽ 164,050.000 ₽ 5,950.000	Slope Protection Structure: 6,400.000 Square		₽ 164,050.000 ₽ 5,950.000

- The revised station limit reflects the exact section that requires immediate slope mitigation due to its susceptibility to soil/ rock collapse.
- The decrease from 9,444.440 square meters to 6,400.000 square meters in the physical target is due to the decrease in length of the structure and the decrease in average slant height from 59 meters to 40 meters based on the result of the stability analysis.

UACS No.: 310109100798000 Project ID: P00611412LZ

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/DESAPPROVED:

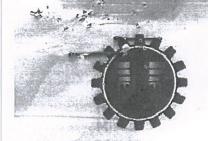
M. BONOAN

3.5 dlbc/mksa/AVS/AGC

Secretary

Department of Public Works and Highways
Office of the Secretary

WIN2XY00063



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		OUNT al 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	AMOUNT (Total Cost)		PERCENT Weight (%)
Part A	Facilities for the Engineer	P	375,580.80	0.13%
Part B	Other General Requirements	Р	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	Р	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	Р	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	P	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	P	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

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 - K0339 + 500 - K0339 + 660

We are respectfully submitting the modification of the above project in the amount of **One Hundred Seventy Million Pesos (Php 170,000,000.00)**, as indicated below:

	As per GAA/Original	As Modified
Project ID	P00611412LZ	
UACS	310109100798000	
Project Title	Gov. Bado Dangwa National Rd - K0339 + 500 - K0339 + 660	Gov. Bado Dangwa National Rd - K0339 + 548 - K0339 + 706
Physical Target	9,444.440 Square meters	6,400.000 /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 D. TANGGOI

Regional Director

CAR.1 CSCE/EAD/JWC/ABM

A. GENERAL

1. REGION Cordillera Adminis		2. DEO Benguet 2nd Distri	ct Engineering Office			VE DISTRICT ONE DISTRICT)	
Е	3. ORIGINAL PROJEC	Т	C. PROPOSED REVISED PROJECT				
4. UACS (Unified Acc 310109100798000	count Code Structure as def	ined in GAA)					
5. Project Id P00611412LZ							
6. Project Categor OO1: Ensure Safe	y and Reliable National	Road System					
7. Sub-Program (P Asset Preservation Roads	P/A/P) n - Rehabilitation/ Reco	onstruction of Natio	nal Roads with Slips,	Slope Collapse,	, and Lan	dslide Tertiary	
8. Operating Unit Central Office			18. Operating Unit Central Office	€hange subject to	DBM appr	oval)	
9. Type of Work (E	Enter Details for all Compon	ents below)	19. Type of Work (E	nter Details for all	Componen	its below)	
Component ID	Type of Work		Component ID	Type of W	Type of Work		
CW1	Construction of I Protection Struct		CW1		Construction of Road Slope Protection Structure		
EAO			EAO				
	CRIPTION (as recorded in a National Rd - K0339		20. PROJECT DESCR Gov. Bado Dangwa	/			
11. ALLOTMENT (170,000	P'000) (as recorded in GA	A)	21. REVISED ESTIMATED COST (P'000) (Equal to, or lower than GAA allotment) 170,000 22. CAF (To be obtained Financial Management off SYES)				
12. PHYSICAL TAR	RGET (Enter Details for all 0	Components below)	23. PHYSICAL TARG	ET (Enter Details	for all Com	ponents below)	
Component ID	Target	Target Unit	Component ID	Target		Target Unit	
CW1	9,444.440	Square meters	CW1	6,400.000	1,	Square meters/	
EAO			EAO				
13. UNIT COST (En	nter Details for all Compone	ents below)	24. UNIT COST (Ente	er Details for all Co	mponents	below)	
Component ID	Component Cost (P'000)	Target Unit Cost (P'000/Target Unit)	Component ID	Compone (P'000)	nt Cost	Target Unit Cos (P'000/Target Unit)	
oomponent is	1						
CW1	164,050.000	17.370	CW1	164,050.0	00 /	25.633	

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. ROA Tertiary	D CLASSIFICATION (i	f applicable)		26. ROAD Tertiary R	classification (if applicable)	
the origina	EMENTING OFFICE of project) Office CAR	Record the Im	plementing Office of	proposed re	EMENTING OFFICE evised project) Office CAR	(Record the Imple	ementing Office of the
17. PRO	ECT IMPLEMENTAT	ION PLAN (PIP)	28. PROJI	ECT IMPLEMENTAT	ION PLAN (PIP)
Planned 06/25/2	Start Date	Planned 05/20/2	End Date	Planned 9	Start Date	Planned End 05/20/2023	
				29. OVER ⊠ NO	LAP?	30. UNDER	WARRANTY? ☐ YES
			D. ATTACHMEN	NTS & JUST	TIFICATIONS		
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) • The revised station limit reflects the exact section that requires immediate slope mitigation due to its susceptibility to soil/ rock collapse. • The decrease from 9,444.440 square meters to 6,400.000 square meters in the physical target is due to the decrease in length of the structure and the decrease in average slant height from 59 meters to 40 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.							
	34. A MAP OF THE PROPOSED PROJECT WORK LOCATION SUBMITTED □NO ⊠YES						

	35. PI	REPARED BY	/ :
Name:	ERLINDA F. DOLIENTE Cordillera Administrative Region	Position:	Chief, Planning Section
36. REVIEWE	D BY DISTRICT OFFICE (If Required)	38. REV	IEWED BY REGIONAL OFFICE
Name:		Name:	ANGELITA B. MABITAZAN Chief, Planning and Design Division
Date:		Date:	cinci, Huming and Design Division
37. RECOMMEN	IDED BY DISTRICT OFFICE (If Required)	39. REC	COMMENDED BY REGIONAL OFFICE
Name: Position:		Name: Position:	KHADAFFY D. TANGGOL Regional Director
Date:		Date:	

UACS (Unified Account 310109100798000	Code Structure as defined i	n GAA)						
Project ld P00611412LZ								
	40. DPWH OFFICE	OF THE UNDERSECRETAR	IES FOR OPERATIONS U	JSE ONLY				
Category of Modifica (choose one)	Cate Cate Cate Adju Mod	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						
Primary Reason for F	Request (based on Cat	egory of Modification): (cl	hoose one)					
Category A	Category B	Category C	Category D	Adjustment (Must be no change to target or GAA line item)				
☐ Typographical error on Project Description ☐ Project Description needs items removed due to typo error	on Project Description Project Description needs items removed due to Other Mork Change in station limits, due to increase or decrease in budget Change in Physical Target		☐ 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				
de al material de la decima de la decima de al material de la decima del decima de la decima del decima de la decima decima de la decim	delike iz pomocho premi o stemikom ceptera pomocho stemicho skiko delike iz pomocho premi		ecretary for Operations					
Name: Signature	Engr. ANTONIO V. SOI	BREVINAS, JR.						
Position:	Project Manager II	1						
Date:	7/28	127						
a cistore la a contratta d'escri	41.	DPWH PLANNING SERVICE	OFFICE USE ONLY					
Category of Modification (choose one) Category Category Adjust Modifi		gory C — Change in Location gory D — Change in Operating Uni stment — Send to PS-PD to amend	y B – Change in Station Limits, due to increase or decrease in budget y C – Change in Location y D – Change in Operating Unit (requires DBM approval) sent – Send to PS-PD to amend MYPS ation does not comply with DBM Categories					
		Reviewed by Plannin	ig Service					
Name:	CHRISTYBEL C. CANUE	Name:	PETER PAUL R. CO	RTEZ				
Signature	/ (14h)	Signatur	e: Saul	1/				
Position:	Regional Coordinator	Position	: OIC - Chief, Progra	mming Division				
Date:	✓ ¢	14 7077 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
P00611412LZ- CW1	S00376LZ	K0339 + 548	K0339 + 706	21524	21682	158	Construction of Road Slope Protection Structure	Rockfall Netting with Erosion Control Mat, Hydroseeding and Permanent Ground Anchor, Breastwall (L/S)	Square meters	6,400