

## Republic of the Philippines DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS

#### OFFICE OF THE SECRETARY

Manila

September 5, 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. Bado Dangwa National Rd **K0319** + **310 K0319** + **460** - **₱120,000.000**
- 2. 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 + 746 K0406 + 941 - ₱250,000.000
- 3. OO1: Ensure Safe and Reliable National Road System Network Development Program Construction of Missing Links/ New Roads Baguio-La Trinidad-Itogon-Sablan-Tuba and Tublay, Kamog Jct.-Calot-Pappa-Bagong-Balluay-Tuel Jct. (Section 2 of BLISTT Outer Ring Circumferential Road), Package 2, Benguet - **P177,000.000**
- 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 K0379 + 880 K0380 + 020, K0380 + 917 **K0380 + 986** - ▶ **P160,000.000**

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 HIGHWAYS

#### **OFFICE OF THE SECRETARY**

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;

A	ls per GAA/Orig	inal	As Modified			
11		Project D	escription			
UACS No. : Project ID:	310108100814 P00611325LZ	000				
OO1: Ensure S System	Safe and Reliable I	National Road	OO1: Ensure S System	OO1: Ensure Safe and Reliable National Road System		
Asset Preservation - Rehabilitation/ Reconstruction of National Roads with Slips, Slope Collapse, and Landslide - Secondary Roads			Reconstruction Collapse, and	Landslide - Secon		
Baguio - Bontoc Rd - K0379 + 880 - K0380 + 020, K0380 + 917 - <b>K0381 + 000</b>			Baguio - Bontoc Rd - K0379 + 880 - K0380 + 020, K0380 + 917 - <b>K0380 + 986</b>			
Physical Target	Unit Cost P	Allocation P ('000)	Physical Target	Unit Cost P	Estimated Cost P ('000)	
CW1 Construction of Road Slope Protection Structure: 8,888.880 Square meters	₽ <b>17,370.00</b> / Square meters	₽ 154,400 <b>.</b> 000	CW1 Construction of Road Slope Protection Structure: 5,859.000 Square meters	<b>26,352.62</b> / Square meters	P 154,400.000	
EAO	-	₽ 5,600.000	EAO	-	₽ 5,600.000	
	Total:	₽ 160,000.000		Total:	₽ 160,000.000	
Justification	Justification:					

#### Justification:

- The revised station limit reflects the exact section that requires immediate slope mitigation due to its susceptibility to soil/ rock collapse.
- The decrease from 8,888.880 square meters to 5,859.000 square meters in the physical target is due to the decrease in length of the structure and the decrease in average slant height from 39 meters to 28 meters based on the result of the stability analysis.

UACS No.: 310108100814000 Project ID: P00611325LZ 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:

Secretary

3.5 dlbc/aap/AVS/AGC

Department of Public Works and Highways Office of the Secretary

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

Engineer's Hill, Baquio 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 - Secondary Roads - Baguio - Bontoc Rd - K0379 + 880 - K0380 + 020, K0380 + 917 -

K0381 + 000

We are respectfully submitting the modification of the above project in the amount of **One Hundred Sixty Million Pesos (Php 160,000,000.00)**, as indicated below:

	As per GAA/Original	As Modified			
Project ID	P00611325LZ				
UACS	310108100814000				
Project Title	Baguio - Bontoc Rd – K0379 + 880 - K0380 + 020, K0380 + 917 - <b>K0381 + 000</b>	Baguio - Bontoc Rd – K0379 + 880 - K0380 + 020, K0380 + 917 - <b>K0380 + 986</b>			
Physical Target	<b>8,888.880</b> Square meters	<b>5,859.000</b> Square meters			

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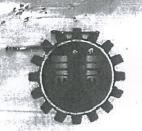
The supporting documents based on D.O. No. 37, series of 2018 are attached for your ready reference.

For the consideration of the Secretary.

KHADAFFY D. TANGGOL

Regional Director

CAR.1 QSCE/EJED/JWC/ABM



# 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  $3,140.50~m^2$  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	0.25%
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  $m^2 = \frac{P82,897,403,25}{3,140.00 \text{ m}^2} = \frac{P26,400.45/\text{ m}^2}{3,140.00 \text{ m}^2}$ Cost per kilometer of Road  $= \frac{P80,769,413.00}{3,140.00 \text{ m}^2} = \frac{P25,722.74/\text{ m}^2}{3,140.00 \text{ m}^2}$ 

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

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

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

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

		Α.	GENERAL				
1. REGION  Cordillera Admini	. REGION Cordillera Administrative Region Mt. Province Dist			e MO		VE DISTRICT PROVINCE (LONE	
	B. ORIGINAL PROJEC	CT	C. PI	ROPOSED RE	VISED PR	OJECT	
<b>4. UACS</b> (Unified Ac 31010810081400	count Code Structure as de	fined in GAA)	•				
5. Project Id P00611325LZ							
<b>6. Project Catego</b> OO1: Ensure Safe	<b>ry</b> and Reliable National	Road System					
<b>7. Sub-Program (I</b> Asset Preservation Roads	<b>P/A/P)</b> n - Rehabilitation/ Rec	onstruction of Natio	onal Roads with Slips,	, Slope Collaps	e, and Lan	dslide Secondary	
8. Operating Unit Central Office	,		18. Operating Unit Central Office	(Change subject t	to DBM appr	roval)	
9. Type of Work ( Component ID	Enter Details for all Compo	nents below)	19. Type of Work (E		ter Details for all Components below)  Type of Work		
CW1	Construction of Road Slope Protection Structure		CW1		Construction of Road Slope Protection Structure		
EAO			EAO				
	CRIPTION (as recorded in d - K0379 + 880 - K038 )		20. PROJECT DESCR Baguio - Bontoc Rd K0380 + 986		/	ect) 020, K0380 + 917	
<b>11. ALLOTMENT (P'000)</b> (as recorded in GAA) 160,000		21. REVISED ESTIMATED COST (P'000) (Equal to, or lower than GAA allotment) 160,000  22. CAF (To be obtained Financial Management of Types)					
	RGET (Enter Details for all				Enter Details for all Components below)		
Component ID	Target 8,888.880	Target Unit Square meters	Component ID	Target 5,859.000		Target Unit Square meters	
EAO			EAO				
13. UNIT COST (En	Component Cost (P'000)	Target Unit Cost (P'000/Target Unit)	24. UNIT COST (Ente	Compone (P'000)		Target Unit Cost (P'000/Target Unit)	
CW1	154,400.000	17.370	CW1	154,400.0	000	26.353	
EAO	5,600.000		EAO	5,600.000	0 /		

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		
<b>15. ROAD CLASSIFICATION</b> (if Secondary Road	applicable)	26. ROAD CLASSIF Secondary Road	ICATION (if applicable)		
16. IMPLEMENTING OFFICE (Find the original project) Regional Office CAR	Record the Implementing Office of	27. IMPLEMENTIN proposed revised proje Regional Office CA		ementing Office of the	
17. PROJECT IMPLEMENTATION	ON PLAN (PIP)	28. PROJECT IMPL	EMENTATION PLAN (PI	P)	
Planned Start Date 06/25/2022	Planned End Date 05/20/2023	Planned Start Date 06/25/2022	Planned Er 05/20/202		
		29. OVERLAP?  ☑ NO ☐ YE		WARRANTY?  ☐ YES	
	D. ATTACHMEN	NTS & JUSTIFICATION	ONS		
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 8,888.880 square meters to 5,859.000 square meters in the physical target is due to the decrease in length of the structure and the decrease in average slant height from 39 meters to 28 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. P	REPARED BY	<b>(</b>
Name:	ERCINDA F. DOLIENTE	Position:	Chief, Planning Section
Office:	Cordillera Administrative Region	Date:	
36. REVIE	EWED BY DISTRICT OFFICE (If Required)	38. REV	TIEWED 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. RE	COMMENDED BY REGIONAL OFFICE
Name:		Name:	KHADAFFY D. TANGGOL  Regional Director
Date:		Date:	

UACS (Unified Account 310108100814000	t Code Structure	as defined in GAA)								
Project Id P00611325LZ										
	40. DPW	/H OFFICE OF T	HE UNDERSECRETAR	IES FOR OPERATIONS	USE 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): (cl	noose 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	Work ☐ Change due to i decreas	in station limits, ncrease or e in budget in Physical Target	□ No such Barangay □ No such City/Municipality	☐ Change in (IO), requiring a change in the (OU)	<ul> <li>□ Typographical error on Project         Component Description</li> <li>□ Typographical error on other         fields not included in, or not         consistent with GAA</li> <li>□ Move funds between Project         Components</li> <li>□ Add/delete Project Components</li> <li>Change of Itemized Project         Component:</li> <li>□ Various</li> <li>□ Description</li> <li>□ Location</li> <li>□ Amount</li> <li>□ Target</li> </ul>					
		Reviewed by 0	Office of the Underse	ecretary for Operations	5					
Name:	ENGR. ANTO	NIO V. SOBREY	MÑAS, JR.							
Signature	MY									
Position:	Project Mana	ger II								
Date:	17/28/27									
		41. DPWH	I PLANNING SERVICE	OFFICE USE 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								
			Reviewed by Plannin	g Service						
Name:	CHRISTYBEL	C. CANUEL	Name:	Name: PETER PAUL R. CORTEZ						
Signature		100	Signatur	e: Alan	M					
Position:	Regional Cod	ordinator	Position	OIC - Chief, Progra	mming Division					
Date:		2/2/2020	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
P00611325LZ- CW1	S00504LZ	K0379 + 880	K0380 + 020	38458	38598	140	Construction of Road Slope Protection Structure	Rockfall Netting with Erosion Control Mat, Hydroseeding and Permanent Ground Anchor (L/S)	Square meters	3,900
P00611325LZ- CW1	S00504LZ	K0380 + 917	K0380 + 986	39495	39564	69	Construction of Road Slope Protection Structure	Rockfall Netting with Erosion Control Mat, Hydroseeding and Permanent Ground Anchor (L/S)	Square meters	1,959