



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 - - - P120,000.000**
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 - - - P250,000.000**
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.


EUGENIO B. PIPO, JR.

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;

As per GAA/Original			As Modified		
Project Description					
UACS No. : 310109100795000 Project ID: P00611409LZ 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 - K0318 + (-280) - K0318 + (-430)			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		
Physical Target	Unit Cost P	Allocation P ('000)	Physical Target	Unit Cost P	Estimated Cost P ('000)
CW1 Construction of Road Slope Protection Structure: 6,666.670 Square meters	₱ 17,370.00 / Square meters	₱ 115,800.000	CW1 Construction of Road Slope Protection Structure: 4,472.000 Square meters	₱ 25,894.45 / Square meters	₱ 115,800.000
EAO	-	₱ 4,200.000	EAO	-	₱ 4,200.000
Total:		₱ 120,000.000	Total:		₱ 120,000.000
Justification: <ul style="list-style-type: none">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 4,472.000 square meters in the physical target is due to the decrease in length of the structure and the decrease in average slant height from 44 meters to 29 meters based on the result of the stability analysis.					
Use of Rocknet per PWD					

- 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:

MANUEL M. BONOAN

Secretary

3.5 dlbc/ldam/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, 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 - K0318 + (-280) - K0318 + (-430)

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:

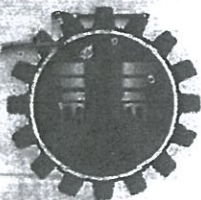
	As per GAA/Original	As Modified
Project ID	P00611409LZ	
UACS	310109100795000	
Project Title	Gov. Bado Dangwa National Rd - K0318 + (-280) – K0318 + (-430)	Gov. Bado Dangwa National Rd - K0319 + 310 – K0319 + 460
Physical Target	6,666.670 Square meters	4,472.000 Square meters

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. TANGGOL
Regional Director


CAR.1 CSCE/EPD/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 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 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	P 168,028.00	0.20%
	GRAND TOTAL	P 82,897,403.25	100.00%

Cost of slope protection per m² = $\frac{P82,897,403.25}{3,140.00 \text{ m}^2}$ = **P26,400.45/ m²**

Cost per kilometer of Road (Exclude Part A, B, C & H) = $\frac{P80,769,413.00}{3,140.00 \text{ m}^2}$ = **P25,722.74/ m²**

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	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	P 120,689.44	0.04%
Part G	Drainage & Slope Protection Structures	P 284,252,869.60	98.19%
Part H	Miscellaneous Structures	P 147,484.80	0.05%
	GRAND TOTAL	P 289,496,101.86	100.00%

$$\text{Cost of slope protection per m}^2 = \frac{\text{P289,496,101.86}}{11,394.00 \text{ m}^2} = \text{P25,407.77/m}^2$$

$$\begin{array}{l} \text{Cost per kilometer of Road} \\ \text{(Exclude Part A, B, C, D, E, F \& H)} \end{array} = \frac{\text{P284,252,869.60}}{11,394.00 \text{ m}^2} = \text{P24,947.59/m}^2$$

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	AMOUNT (Total 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	P 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%

$$\text{Cost of slope protection per m}^2 = \frac{\text{P66,584,296.83}}{2,507.00 \text{ m}^2} = \text{P26,559.35/m}^2$$

$$\text{Cost per kilometer of Road (Exclude Part A, B \& C)} = \frac{\text{P64,640,950.30}}{2,507.00 \text{ m}^2} = \text{P25,784.18 m}^2$$

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	AMOUNT (Total Cost)	PERCENT Weight (%)
Part A	Facilities for the Engineer	P 281,685.60	0.19%
Part B	Other General Requirements	P 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%

$$\text{Cost of slope protection per m}^2 = \frac{\text{P145,277,696.27}}{5,853.04 \text{ m}^2} = \text{P24,820.90/m}^2$$

$$\text{Cost per kilometer of Road (Exclude Part A, B, C \& F)} = \frac{\text{P136,619,434.98}}{5,853.04 \text{ m}^2} = \text{P23,341.62/m}^2$$

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

Form for Modification Request

A. GENERAL

1. REGION

Cordillera Administrative Region ✓

2. DEO

Benguet 2nd District Engineering Office ✓

3. LEGISLATIVE DISTRICT

BENGUET (LONE DISTRICT) ✓

B. ORIGINAL PROJECT

C. PROPOSED REVISED PROJECT

4. UACS (Unified Account Code Structure as defined in GAA)

310109100795000 ✓

5. Project Id

P00611409LZ ✓

6. Project Category

OO1: Ensure Safe and Reliable National Road System ✓

7. Sub-Program (P/A/P)

Asset Preservation - Rehabilitation/ Reconstruction of National Roads with Slips, Slope Collapse, and Landslide Roads ✓ Tertiary ✓

8. Operating Unit

Central Office

18. Operating Unit (Change subject to DBM approval)

Central Office ✓

9. Type of Work (Enter Details for all Components below)

Component ID	Type of Work
CW1	Construction of Road Slope Protection Structure ✓
EAO	

19. Type of Work (Enter Details for all Components below)

Component ID	Type of Work
CW1	Construction of Road Slope Protection Structure ✓
EAO	

10. PROJECT DESCRIPTION (as recorded in GAA)

Gov. Bado Dangwa National Rd - K0318 + (-280) - K0318 + (-430) ✓

20. PROJECT DESCRIPTION (of the revised project)

 Gov. Bado Dangwa National Rd - ~~K0319 + 310~~ ~~K0319 + 460~~ ✓

11. ALLOTMENT (P'000) (as recorded in GAA)

120,000 ✓

21. REVISED ESTIMATED COST (P'000) (Equal to, or lower than GAA allotment)

120,000 ✓

22. CAF (To be obtained from Financial Management office)

☒ YES

12. PHYSICAL TARGET (Enter Details for all Components below)

Component ID	Target	Target Unit
CW1	6,666.670 ✓	Square meters
EAO		

23. PHYSICAL TARGET (Enter Details for all Components below)

Component ID	Target	Target Unit
CW1	4,472.000 ✓	Square meters ✓
EAO		

13. UNIT COST (Enter Details for all Components below)

Component ID	Component Cost (P'000)	Target Unit Cost (P'000/Target Unit)
CW1	115,800.000 ✓	17.370 ✓
EAO	4,200.000 ✓	

24. UNIT COST (Enter Details for all Components below)

Component ID	Component Cost (P'000)	Target Unit Cost (P'000/Target Unit)
CW1	115,800.000 ✓	25.894 ✓
EAO	4,200.000 ✓	

Form for Modification Request

14. PROJECT WORK LOCATION (Must be defined in strict accordance with DO 65 Series 2014)

Click here to enter text.

Start X

End X

Start Y

End Y

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 Y

End Y

15. ROAD CLASSIFICATION (if applicable)

Tertiary Road

26. ROAD CLASSIFICATION (if applicable)

Tertiary Road

16. IMPLEMENTING OFFICE (Record the Implementing Office of the original project)

Regional Office CAR

27. IMPLEMENTING OFFICE (Record the Implementing Office of the proposed revised project)

Regional Office CAR

17. PROJECT IMPLEMENTATION PLAN (PIP)

Planned Start Date

06/25/2022

Planned End Date

05/20/2023

28. PROJECT IMPLEMENTATION PLAN (PIP)

Planned Start Date

06/25/2022

Planned End Date

05/20/2023

29. OVERLAP?

☒ NO

☐ YES

30. UNDER WARRANTY?

☒ NO

☐ YES

D. ATTACHMENTS & JUSTIFICATIONS

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 6,666.670 square meters to 4,472.000 square meters in the physical target is due to the decrease in length of the structure and the decrease in average slant height from 44 meters to 29 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

Form for Modification Request

35. PREPARED BY:

Name:	 ERLINDA F. DOLIENTE	Position:	Chief, Planning Section
Office:	Cordillera Administrative Region	Date:	

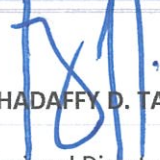
36. REVIEWED BY DISTRICT OFFICE (If Required)

38. REVIEWED BY REGIONAL OFFICE

Name:		Name:	 ANGELITA B. MABITAZAN
Position:		Position:	Chief, Planning and Design Division
Date:		Date:	

37. RECOMMENDED BY DISTRICT OFFICE (If Required)

39. RECOMMENDED BY REGIONAL OFFICE

Name:		Name:	 KHADAFY D. TANGGOL
Position:		Position:	Regional Director
Date:		Date:	

Form for Modification Request

UACS (Unified Account Code Structure as defined in GAA)

310109100795000

Project Id

P00611409LZ

40. DPWH OFFICE OF THE UNDERSECRETARIES 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 (based on Category of Modification): (choose one)

Category A	Category B	Category C	Category D	Adjustment (Must be no change to target or GAA line item)
<input type="checkbox"/> Typographical error on Project Description <input type="checkbox"/> Project Description needs items removed due to typo error	<input type="checkbox"/> Overlapping Sections of Work <input type="checkbox"/> Change in station limits, due to increase or decrease in budget <input type="checkbox"/> Change in Physical Target	<input type="checkbox"/> No such Barangay <input type="checkbox"/> No such City/Municipality	<input type="checkbox"/> Change in (IO), requiring a change in the (OU)	<input type="checkbox"/> Typographical error on Project Component Description <input type="checkbox"/> Typographical error on other fields not included in, or not consistent with GAA <input type="checkbox"/> Move funds between Project Components <input type="checkbox"/> Add/delete Project Components Change of Itemized Project Component: <input type="checkbox"/> Various <input type="checkbox"/> Description <input type="checkbox"/> Location <input type="checkbox"/> Amount <input type="checkbox"/> Target

Reviewed by Office of the Undersecretary for Operations

Name: Engr. ANTONIO V. SOBREVINAS, JR.

Signature

Position: Project Manager II

Date: 7/28/22

41. DPWH 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 Planning Service

Name: CHRISTYBEL C. CANUEL

Signature

Position: Regional Coordinator

Date: 8/4/2022

Name: PETER PAUL R. CORTEZ

Signature

Position: OIC – Chief, Programming Division

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
P00611409LZ - CW1	S00376LZ	K0319 + 310	K0319 + 460	1150	1300	150	Construction of Road Slope Protection Structure	Rockfall Netting with Erosion Control Mat, Hydroseeding and Permanent Ground Anchor (R/S)	Square meters	4,472