



Republic of the Philippines
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
CENTRAL OFFICE
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 - Secondary Roads Mt Prov-Cagayan via Tabuk-Enrile Rd - K0415 + 481 - **K0415 + 608 - - - P 110,000.000**
2. OO1: Ensure Safe and Reliable National Road System Asset Preservation - Rehabilitation/ Reconstruction of National Roads with Slips, Slope Collapse, and Landslide - Secondary Roads Baguio-Bontoc Rd - **K0374+120 - K0374+285**, Sabangan, Mt. Province - - - **P 150,550.000**

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 R. RIYO, JR.

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

2.3 mksa/AVS/AGC/ERP



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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. : 310108100816000 Project ID: P00611327LZ 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 - K0374+100 - K0374+300 , Sabangan, Mt. Province			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 - K0374+120 - K0374+285 , Sabangan, Mt. Province		
Physical Target	Unit Cost P ('000)	Allocation P ('000)	Physical Target	Unit Cost P ('000)	Estimated Cost P ('000)
CW1 Construction of Road Slope Protection Structure: 8,363.890 Square meters	₱17,370.00 / Square meters	₱ 145,280.750	CW1 Construction of Road Slope Protection Structure: 5,853.040 Square meters	₱ 24,821.42 / Square meters	₱ 145,280.750
EAO	-	₱ 5,269.250	EAO	-	₱ 5,269.250
Total:		₱ 150,550.000	Total:		₱ 150,550.000
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 8,363.890 square meters to 5,853.040 square meters in the physical target is due to the decrease in length of the structure and the decrease in average slant height from 42 meters to 35 meters based on the result of the stability analysis. <div>Use of product per Pmw.</div>					

- 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 project's unit cost.

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/mksa/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 - Secondary Roads - Baguio-Bontoc Rd - K0374+100 - K0374+300, Sabangan, Mt. Province

We are respectfully submitting the modification of the above project in the amount of **One Hundred Fifty Million Five Hundred Fifty Thousand Pesos (Php 150,550,000.00)**, as indicated below:

	As per GAA/Original	As Modified
Project ID	P00611327LZ	
UACS	310108100816000	
Project Title	Baguio-Bontoc Rd – K0374+ 100 - K0374+ 300 , Sabangan, Mt. Province	Baguio-Bontoc Rd – K0374+ 120 - K0374+ 285 ✓ Sabangan, Mt. Province
Physical Target	8,363.890 Square meters	5,853.040 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


Form for Modification Request

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A. GENERAL					
1. REGION Cordillera Administrative Region		2. DEO Mt. Province District Engineering Office ✓		3. LEGISLATIVE DISTRICT MOUNTAIN PROVINCE (LONE DISTRICT) ✓	
B. ORIGINAL PROJECT			C. PROPOSED REVISED PROJECT		
4. UACS (Unified Account Code Structure as defined in GAA) 310108100816000 ✓					
5. Project Id P00611327LZ ✓					
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 - Secondary Roads ✓					
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		19. Type of Work (Enter Details for all Components below)	
CW1		Construction of Road Slope Protection Structure		CW1	
EAO				Construction of Road Slope Protection Structure ✓	
10. PROJECT DESCRIPTION (as recorded in GAA) Baguio-Bontoc Rd - K0374+100 - K0374+300, Sabangan, Mt. Province					
20. PROJECT DESCRIPTION (of the revised project) Baguio-Bontoc Rd - K0374+100 K0374+120 K0374+300 K0374+285 , Sabangan, Mt. Province ✓					
11. ALLOTMENT (P'000) (as recorded in GAA) 150,550 ✓			21. REVISED ESTIMATED COST (P'000) (Equal to, or lower than GAA allotment) 150,550 ✓		22. CAF (To be obtained from Financial Management office) <input checked="" type="checkbox"/> YES
12. PHYSICAL TARGET (Enter Details for all Components below)					
Component ID		Target	Target Unit	23. PHYSICAL TARGET (Enter Details for all Components below)	
CW1		8,363.890 ✓	Square meters	CW1	
EAO				5,853.040 ✓	
13. UNIT COST (Enter Details for all Components below)					
Component ID		Component Cost (P'000)	Target Unit Cost (P'000/Target Unit)	24. UNIT COST (Enter Details for all Components below)	
CW1		145,280.750 ✓	17.370 ✓	CW1	
EAO		5,269.250 ✓		145,280.750 ✓	
24.821 ✓					
EAO					
5,269.250 ✓					

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)

Secondary Road

26. ROAD CLASSIFICATION (if applicable)

Secondary 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 difference in the estimated unit cost as per GAA and as per POW amounting to Php 7,451.000/sq.m. for the Construction of Slope Protection Structures of the aforementioned project is due to the recent price escalation of construction material and fuel. The basis of the said adjustments is specified in the Department Memorandum dated May 18, 2022.
- Moreover, the increase in the design length of anchors, as recommended in the design analysis, which affects the unit cost of Item 513(1): Permanent Ground Anchor.
- Further, the utilization of the prevailing construction material cost of system components of the Active System contributed to the variation in unit cost thereon causing a deduction in the target area of the proposed slope mitigation.
- Over all, the increase in unit cost is considered reasonable as the unit cost of items of work involved are within the range of the prevailing costs of the Department.



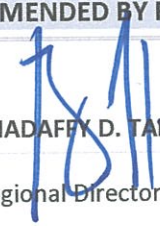
33. PHOTOS SUBMITTED

☐ 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)

310108100816000

Project Id

P00611327LZ

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:

8/2/22

Name: PETER PAUL R. CORTEZ

Signature:

Position: OIC – Chief, Programming Division

Date:

8/2/22

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
P00611327LZ- CW1	S00504LZ	K0374+120	K0374+285	32679	32844	165	Construction of Road Slope Protection Structure	Rockfall Netting with Erosion Control Mat, Hydroseeding and Permanent Ground Anchor, Breastwall (L/S), Double Cribwall (R/S)	Square meters	5,853.04