



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

Ref No. CAR-003

**Programming Division Evaluation Sheet**

Name of Project:

Benguet-Nueva Vizcaya Rd - K0293 + 020 - K0293 + 300

Project ID: P00611275LZ

Implementing Office: Regional Office CAR

Appropriation: 270,000,000

Date: 03/23/2022

**A. TYPE OF REQUEST**

A.1 ☐ **Change in Implementing Office/Operating Unit due to**

A.1.1 ☐ Geographical Jurisdiction

A.1.2 ☐ Approval of Authority to Bid/Implement

A.2 ☐ **PROJECT MODIFICATION/ADJUSTMENTS**

A.2.1 ☐ Typographical Error/s

A.2.2 ☐ Change in Location (for non-existent locations only)

A.2.3 ☒ Change in Station Limits

A.2.4 ☐ Addition/Deletion of Word/s

A.2.5 ☐ Change in Project Component/s Details

A.2.5.1 ☒ Change in Targets ONLY

A.2.5.2 ☐ Change in Scope of Work ONLY

A.2.5.3 ☐ Change in Component Amount ONLY

A.2.5.4 ☐ Addition of Component ONLY (incl. EXC Component)

A.2.5.5 ☐ Deletion of Component ONLY

A.2.5.6 ☐ Movement of Funds bet. Components ONLY

A.2.5.7 ☐ MULTIPLE changes in Component Details

**B. EVALUATION**

B.1 ☒ MAY BE ALLOWED as per the GAA Provisions

B.2 ☐ NOT ALLOWED as per the GAA Provisions

**C. FUND SOURCE FY 2022 GAA, R.A. 11639**

C.1 ☒ FLR ([ ] Released [✓] Unreleased)

C.2 ☐ FCR

Amount: 270,000,000

D. Remarks: Decrease in physical targets by 27.0% and increase in unit cost by 36.96%.

Evaluated By: CHRISTYBEL C. CANUEL

Regional Coordinator

Noted By: FROILAN B. MABINI JR.

OIC-Section Chief

**ACTION SLIP**

Project ID: P00611275LZ

Ref No. CAR-003

Date: 03/23/2022

FOR : USEC FOR OPERATIONS

☐ RCY

☐ RRB

☐ ERP, Jr.

☐ EKS

REMARKS:

☐ Reviewed by Planning Service

☒ Recommended for Approval

Remarks: High Unit Cost.

CONSTANTE A. LLANES, JR., CESO III

Acting Undersecretary for Planning Service



Repub  
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS  
**OFFICE OF THE SECRETARY**  
Manila

Pls return to the Office of A/S  
Molano once signed/initialed.  
Thank you!

Reference Number: **CAR-003**  
Project ID: **P00611275LZ**

MAR 23 2022


**MEMORANDUM**

**FOR :** **ROGER G. MERCADO**  
Acting Secretary  
This Department


This refers to the memorandum dated February 18, 2022 of **DPWH Region CAR 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. 310108100770000 Project ID: P00611275LZ					
OO1: Ensure Safe and Reliable National Road System			OO1: Ensure Safe and Reliable National Road System		
Asset Preservation - Rehabilitation/ Reconstruction of National Roads with Slips, Slope Collapse, and Landslide - Secondary Roads			Asset Preservation - Rehabilitation/ Reconstruction of National Roads with Slips, Slope Collapse, and Landslide - Secondary Roads		
Benguet-Nueva Vizcaya Rd - K0293 + 020 - K0293 + 300			Benguet-Nueva Vizcaya Rd - K0293 + 010 - K0293 + 245		
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	₱ 17.37 / Square Meters	₱ 260,550	CW1- Construction of Road Slope Protection Structure	₱ 23.79 / Square Meters	₱ 260,550
15,000 Square Meters			10,950 Square Meters		
ROW – ROW Acquisition	-	-	ROW – ROW Acquisition	-	-
EAO	-	₱ 9,450	EAO	-	₱ 9,450
Total:		₱ 270,000	Total:		₱ 270,000
Justification:					
<ul style="list-style-type: none"><li>The change in station limits as per GAA was deemed necessary in consideration with the actual site condition and location of the slope-compromised section. To ensure the effective and total coverage of the proposed mitigating measure, an increase in the slant height of the active mesh system was imposed causing the adjustment in the final project length.</li><li>The difference in the estimated unit cost as per GAA and as per POW amounting to Php 6,424.52/sq.m. for the Construction of Slope Protection Structures of the aforementioned project was due to 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.</li><li>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.</li><li>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.</li></ul>					

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.

  
**ROBERTO R. BERNARDO**  
Undersecretary for Regional Operations  
In Luzon (except NCR and Region IV-B)

**APPROVED/~~DISAPPROVED~~:**

  
**ROGER G. MERCADO**  
Acting Secretary

2.1 ACL/MBB/RRB

Department of Public Works and Highways  
Office of the Secretary



WIN2F06291





Republic of the Philippines  
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS  
**CORDILLERA ADMINISTRATIVE REGION**  
Engineer's Hill, Baguio City

February 18, 2022

**MEMORANDUM**

**FOR : ROGER G. MERCADO**  
Acting Secretary

**THRU : ROBERTO R. BERNARDO**  
Undersecretary for Regional Operations in Luzon  
except NCR and Region IV-B

**SUBJECT : Request for the Modification of the Project: Organizational Outcome 1: Ensure Safe and Reliable National Road System – Asset Preservation – Rehabilitation/ Reconstruction of Roads with Slips, Slope Collapse, and Landslide – Secondary Roads - Benguet-Nueva Vizcaya Rd - K0293 + 020 - K0293 + 300**

We are respectfully submitting the modification of the above project in the amount of **Two Hundred Seventy Million Pesos (Php 270,000,000.00)**, as indicated below:

	FROM	TO
Project Title	Benguet-Nueva Vizcaya Rd – K0293 + <b>020</b> - K0293 + <b>300</b>	Benguet-Nueva Vizcaya Rd – K0293 + <b>010</b> - K0293 + <b>245</b>
Physical Target	<b>15,000.00</b> Square Meters	<b>10,950.00</b> 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

A. GENERAL					
1. REGION Cordillera Administrative Region		2. DEO Benguet 1st 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) 310108100770000					
5. Project Id P00611275LZ					
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)			19. Type of Work (Enter Details for all Components below)		
Component ID	Type of Work		Component ID	Type of Work	
CW1	Construction of Road Slope Protection Structure		CW1	Construction of Road Slope Protection Structure	
EAO			EAO		
10. PROJECT DESCRIPTION (as recorded in GAA) Benguet-Nueva Vizcaya Rd - K0293 + 020 - K0293 + 300			20. PROJECT DESCRIPTION (of the revised project) Benguet-Nueva Vizcaya Rd - <del>K0293 + 010</del> - <b>K0293 + 245</b>		
11. ALLOTMENT (P'000) (as recorded in GAA) 270,000			21. REVISED ESTIMATED COST (P'000) (Equal to, or lower than GAA allotment) 270,000		22. CAF (To be obtained from Financial Management office) <input type="checkbox"/> YES
12. PHYSICAL TARGET (Enter Details for all Components below)			23. PHYSICAL TARGET (Enter Details for all Components below)		
Component ID	Target	Target Unit	Component ID	Target	Target Unit
CW1	15,000	Lane Km	CW1	<b>10,950</b>	Lane Km
EAO			EAO		
13. UNIT COST (Enter Details for all Components below)			24. UNIT COST (Enter Details for all Components below)		
Component ID	Component Cost (P'000)	Target Unit Cost (P'000/Target Unit)	Component ID	Component Cost (P'000)	Target Unit Cost (P'000/Target Unit)
CW1	260,550	17.37	CW1	260,550	<b>23.79</b>
EAO	9,450		EAO	9,450	



## 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)**

**28. PROJECT IMPLEMENTATION PLAN (PIP)**

Planned Start Date  
06/25/2022

Planned End Date  
04/30/2023

Planned Start Date  
06/25/2022

Planned End Date  
04/30/2023

**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 change in station limits as per GAA was deemed necessary in consideration with the actual site condition and location of the slope-compromised section. To ensure the effective and total coverage of the proposed mitigating measure, an increase in the slant height of the active mesh system was imposed causing the adjustment in the final project length.
- The difference in the estimated unit cost as per GAA and as per POW amounting to Php 6,424.52/sq.m. for the Construction of Slope Protection Structures of the aforementioned project was due to 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.

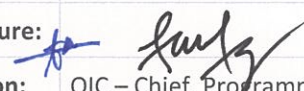
**33. PHOTOS SUBMITTED**

☐ NO ☒ YES

**34. A MAP OF THE PROPOSED PROJECT WORK LOCATION SUBMITTED**

☐ NO ☒ YES

## Form for Modification Request

<b>UACS</b> (Unified Account Code Structure as defined in GAA) 310108100770000				
<b>Project Id</b> P00611275LZ				
<b>40. DPWH OFFICE OF THE UNDERSECRETARIES FOR OPERATIONS USE ONLY</b>				
<b>Category of Modification</b> (choose one)		<input type="checkbox"/> Category A – Typographical Errors <input type="checkbox"/> Category B – Change in Station Limits, due to increase or decrease in budget <input type="checkbox"/> Category C – Change in Location <input type="checkbox"/> Category D – Change in Operating Unit (requires DBM approval) <input type="checkbox"/> Adjustment – Send to PS-PD to amend MYPs <input type="checkbox"/> Modification does not comply with DBM Categories <input type="checkbox"/> Augmentation		
<b>Primary Reason for Request (based on Category of Modification): (choose one)</b>				
<b>Category A</b>  <input type="checkbox"/> Typographical error on Project Description <input type="checkbox"/> Project Description needs items removed due to typo error	<b>Category B</b>  <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	<b>Category C</b>  <input type="checkbox"/> No such Barangay <input type="checkbox"/> No such City/Municipality	<b>Category D</b>  <input type="checkbox"/> Change in (IO), requiring a change in the (OU)	<b>Adjustment</b> (Must be no change to target or GAA line item)  <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 <b>Change of Itemized Project Component:</b> <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				
<b>Name:</b> AGNES C. LU / MANNY B. BULUSAN				
<b>Signature:</b> 				
<b>Position:</b> Technical Staff, Office of Undersecretary ROBERTO R. BERNARDO				
<b>Date:</b>				
<b>41. DPWH PLANNING SERVICE OFFICE USE ONLY</b>				
<b>Category of Modification</b> (choose one)		<input type="checkbox"/> Category A – Typographical Errors <input checked="" type="checkbox"/> Category B – Change in Station Limits, due to increase or decrease in budget <input type="checkbox"/> Category C – Change in Location <input type="checkbox"/> Category D – Change in Operating Unit (requires DBM approval) <input type="checkbox"/> Adjustment – Send to PS-PD to amend MYPs <input type="checkbox"/> Modification does not comply with DBM Categories <input type="checkbox"/> Augmentation		
Reviewed by Planning Service				
<b>Name:</b> CHRISTYBEL C. GANUEL		<b>Name:</b> PETER PAUL R. CORTEZ		
<b>Signature:</b> 		<b>Signature:</b> 		
<b>Position:</b> Regional Coordinator		<b>Position:</b> OIC – Chief, Programming Division		
<b>Date:</b> 3/23/2024		<b>Date:</b>		

## 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
P00611275LZ – CW1	S00382LZ	K0293 + 010	K0293 + 245	38435	38670	235	Construction of Road Slope Protection Structure	Slope Protection Works (Rockfall Netting with Hydroseedin g, Erosion Control Mat and Permanent Ground Anchor (R/S))	Square meters	10,950