



Republic of the Philippines
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
OFFICE OF THE SECRETARY
Manila

April 03, 2023

MEMORANDUM

TO : **KHADAFFY D. TANGGOL**
Regional Director
DPWH-Cordillera Administrative Region (CAR)
Engineer's Hill, Baguio City

ATTENTION : **ISAGANI C. CAYME**
District Engineer
Benguet 1st District Engineering Office
La Trinidad, Benguet

Transmitted herewith is the **APPROVED** request for the **modification** of hereunder stated project:

1. OO1: Ensure Safe and Reliable National Road System - Asset Preservation Program — Rehabilitation/Reconstruction of Roads with Slips, Slope Collapse, and Landslide — Primary Roads - *Kennon Rd - K0221+252 - K0221+279, K0223+000 -K0223+130 - - - - - P34,000,000.00.*

Please be 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.


ADOR G. CANLAS

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

2.3 aap/AVS/AGC/ERP



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

CAR-012

11777

Programming Division Evaluation Sheet

Name of Project:

Project ID: P00713129LZ

Kennon Rd - K0223 + 054 - K0223 + 104

Appropriation: 34,000,000

Implementing Office: Benguet 1st District Engineering Office

Date: 03/24/2023

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

A.2.5.2 ☐ Change in Scope of Work from _____

to _____

A.2.5.3 ☐ Change in Component Amount

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

A.2.5.5 ☐ Deletion of Component

A.2.5.6 ☐ Movement of Funds between Components

B. EVALUATION

B.1 ☒ ALLOWED as per the GAA Provisions

B.2 ☐ NOT ALLOWED as per the GAA Provisions

C. FUND SOURCE FY 2023 GAA, R.A. 11936

C.1 ☐ for issuance of SARO (☐Released ☐Unreleased)

C.2 ☒ released thru GAAAO

Amount: _____

34,000,000

D. IMPACT:

D.1 Condition/s:

- % decrease in unit cost

25.98 % increase in unit cost

20.63 % decrease in physical target

- % increase in physical target

D.2 ☐ Additional Project Component

D.3 ☒ Certificate of Cost Reasonableness by RD

D.4 Remarks:

E. Approving Authority as per D.O. 13, s. 2023, Guidelines on Modification of Allotment under the GAA

E.1 ☐ Undersecretary for Operations

E.2 ☒ Secretary

Evaluated By:

ALEX S. BOTE

Director, Planning Service

Noted By:

CONSTANTE A. LLANES, JR., CESO III

Assistant Secretary, Planning Service

Project ID: P00713129LZ

FOR: USEC FOR OPERATIONS

☐ RRB

☒ ERP

☐ EKS

Date: _____

REMARKS:

☒ Reviewed by Planning Service

☐ Recommended for Approval

☐ Remarks: _____

MARIA CATALINA E. CABRAL, CESO I, Ph.D.

Undersecretary for Planning and PPP Services



Republic of the Philippines
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
OFFICE OF THE SECRETARY
Manila

March 22, 2023

MEMORANDUM

FOR : **MANUEL M. BONOAN**
Secretary
This Department

This refers to the memorandum dated 14 March 2023 of **DPWH CAR Regional Director KHADAFFY D. TANGGOL**, endorsing the request of **OIC-District Engineer ISAGANI C. CAYME, Benguet First District Engineering Office**, for the **modification** of the project under FY 2023 General Appropriations Act (GAA), to wit;

As per GAA/Original			As Modified		
Project Description					
UACS No. 310107100527000 Project ID: P00713129LZ OO1: Ensure Safe and Reliable National Road System - Asset Preservation Program – Rehabilitation/Reconstruction of Roads with Slips, Slope Collapse, and Landslide – Primary Roads Kennon Rd - K0223+054 - K0223+104			OO1: Ensure Safe and Reliable National Road System - Asset Preservation Program – Rehabilitation/Reconstruction of Roads with Slips, Slope Collapse, and Landslide – Primary Roads Kennon Rd - K0221+252 - K0221+279 , K0223+000 - K0223+130		
Type of Work/ Physical Target	Unit Cost	Allocation	Type of Work/ Physical Target	Unit Cost	Estimated Cost
CW1- Construction of Road Slope Protection Structure / 2,000.00 sq.m.	₱ 16,660.00/ sq.m.	₱ 33,320,000.00	CW1- Construction of Road Slope Protection Structure / 1,587.50 sq.m.	₱ 20,988.98 / sq.m.	₱ 33,320,000.00
EAO	–	₱ 680,000.00	EAO	–	₱ 680,000.00
Total:		₱ 34,000,000.00	Total:		₱ 34,000,000.00
Justification: The project is to be modified in view of the following: <ul style="list-style-type: none">The adjustment in the original station limits is affected by the change in slope mitigating strategy due to the insufficiency of funds. Survey revealed that the height from the riverbank to the pavement is approximately 37 meters which would require a massive and multi-layered structure. Thus, the DEO resorted to widening the mountain side to restore two-way traffic flow considering that the extent of the road slip has made it hazardous to traverse the left lane. The embankment structure at the cliff side will be addressed through a Regional Office project. There will be no overlapping of contracts since works are separated on each side of the pavement. To maximize the allocation, the mitigation of a nearby existing slope failure was included.The decrease in physical target which corresponded to the increase in unit cost is due to the type of structure programmed which consist of reinforced concrete retaining wall and rockfall netting. Attached are the following supporting documents: Approved Program of Works (POW), Detailed Engineering Design (DED) Plans, Certificate of Availability of Funds (CAF), BP 202, Geotagged photographs, GIS Map, RSM Forms for the new structure, Certificates of No Overlapping, ROW Clearance, Environmental Clearance, and Certificate of Reasonableness of Cost Estimate.					

Based on our evaluation, the submitted request for modification of the said project is in order; hence, approval hereof is recommended.




ADOR G. CANLAS

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

RECOMMENDING APPROVAL:



MARIA CATALINA E. CABRAL, Ph.D., CESO I
Undersecretary for Planning
and Public-Private Partnership Services



EUGENIO R. PIRO, JR.
Undersecretary for Regional Operations
in CAR, Regions I, II, IX, X, XI, XII, and XIII

APPROVED/DISAPPROVED:



MANUEL M. BONOAN
Secretary

2.3 aap/MLS/AVS/AGC/ERP

Department of Public Works and Highways
Office of the Secretary



WIN3E02716



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

March 14, 2023

MEMORANDUM

FOR : MANUEL M. BONOAN
Secretary

THRU : EUGENIO R. PIPO, JR.
Undersecretary for Regional Operations
CAR, Regions I, II, IX, X, XI, XII and XIII

**SUBJECT : Request for 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 - Primary Roads - Kennon Rd - K0223+054
- K0223+104**

We are respectfully forwarding the Memorandum dated March 13, 2022 from OIC-District Engineer Isagani C. Cayme, Benguet First District Engineering Office, regarding the modification of the above project in the amount of **Thirty-Four Million Pesos (Php 34,000,000.00)** as indicated below:

	FROM	TO
Project ID	P00713129LZ	
Project Title	Kennon Rd - K0223+054 - K0223+104	Kennon Rd - K0221+252 - K0221+279, K0223+000 - K0223+130
Type of Work	Construction of Road Slope Protection Structure	Construction of Road Slope Protection Structure
Physical Target	2,000 Square Meters	1,587.5 Square Meters
Allocation	Php 34,000,000	Php 34,000,000

The supporting documents based on D.O No. 23, series of 2023 are attached for your ready reference.

For the consideration of the Secretary.


KHADAFFY D. TANGGOL
Regional Director

CAR.1 DLBC/EFD/JWC/ABM



Republic of the Philippines
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
BENGUET FIRST
DISTRICT ENGINEERING OFFICE
CORDILLERA ADMINISTRATIVE REGION
Wangal, La Trinidad, Benguet

MAR 13 2023

MEMORANDUM

FOR : **KHADAFFY D. TANGGOL**
Regional Director

ATTENTION : **ANGELITA B. MABITAZAN**
Chief, Planning and Design Division

SUBJECT : **Request for Modification of the CY 2023 Project:**
Kennon Rd - K0223+054 - K0223+104

Respectfully submitted is the request for modification of the above project under Organizational Outcome 1 with subprogram: Asset Preservation Program - Rehabilitation/ Reconstruction of Roads with Slips, Slope Collapse, and Landslide - Primary Roads. The proposed changes are as follows:

Particulars	FROM	TO
Project Description	Kennon Rd – K0223+ 054 - K0223+ 104	Kennon Rd – K0221+252 - K0221+279 , K0223+ 000 - K0223+ 130
Physical Target	2,000.00 Square Meters	1,587.50 Square Meters
Unit Cost (excluding EAO)	P16,660.00/ Square Meter	P20,988.98/ Square Meter

Attached are the supporting documents based on D.O. No. 13, Series of 2023, "Guidelines on Modification Under the General Appropriations Act (GAA)" and Memorandum of Undersecretary Maria Catalina E. Cabral, Ph.D., CESO I dated February 20, 2023 with the same subject.

For your perusal.

ISAGANI C. CAYME, CESE
OIC-District Engineer

CAR.16.1 HGUD/LBP/EGE

Modification Request Form

A. GENERAL

1. REGION

Cordillera Administrative Region (CAR)

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)

310107100527000

5. Project Id

P00713129LZ

6. Project Category

001: Ensure Safe and Reliable National Road System

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

Asset Preservation Program – Rehabilitation/Reconstruction of Roads with Slips, Slope Collapse, and Landslide – Primary Roads

8. Operating Unit

Benguet 1st District Engineering Office

18. Operating Unit (Change subject to DBM approval)

Benguet 1st District Engineering Office

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

Component ID
Type of Work

P00713129LZ-CW1

Construction of Road Slope Protection Structure

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

Component ID
Type of Work

P00713129LZ-CW1

Construction of Road Slope Protection Structure

P00713129LZ-EA0

P00713129LZ-EA0

10. PROJECT DESCRIPTION (as recorded in GAA)

Kennon Rd - K0223+054 - K0223+104

20. PROJECT DESCRIPTION (of the revised project)

 Kennon Rd - ~~K0221+252~~ - ~~K0221+279~~, K0223+000 - K0223+130 /

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

34,000

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

34,000

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

☒ YES

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

Component ID
Target
Target Unit

P00713129LZ-CW1

2,000.000

Square Meters (m2)

P00713129LZ-EA0

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

Component ID
Target
Target Unit

P00713129LZ-CW1

1,587.500

Square Meters (m2)

P00713129LZ-EA0

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

Component ID
Component Cost (P'000)
Target Unit Cost (P'000/Target Unit)

P00713129LZ-CW1

33,320

16.660

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

Component ID
Component Cost (P'000)
Target Unit Cost (P'000/Target Unit)

P00713129LZ-CW1

33,320

20.989

P00713129LZ-EA0

680

P00713129LZ-EA0

680

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

Construction of Road Slope Protection Structure – Kennon Road K0223+054 - K0223+104 (S00393LZ)

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)

 Construction of Road Slope Protection Structure – Kennon Road ~~K0221+252~~ - ~~K0221+279~~ (S00393LZ) K0223+000 - K0223+130 (S00393LZ)

Start X
End X
Start X
End X
Start Y
End Y
Start Y
End Y
15. ROAD CLASSIFICATION (if applicable)

Primary

26. ROAD CLASSIFICATION (if applicable)

Primary

Modification Request Form

16. IMPLEMENTING OFFICE (Record the Implementing Office of the original project) Benguet 1st District Engineering Office		27. IMPLEMENTING OFFICE (Record the Implementing Office of the proposed revised project) Benguet 1st District Engineering Office	
17. PROJECT IMPLEMENTATION PLAN (PIP)		28. PROJECT IMPLEMENTATION PLAN (PIP)	
Planned Start Date 05/15/2023	Planned End Date 12/19/2023	Planned Start Date 05/15/2023	Planned End Date 12/19/2023
		29. OVERLAP? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES	30. UNDER WARRANTY? <input checked="" type="checkbox"/> NO <input type="checkbox"/> 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 adjustment in the original station limits is affected by the change in slope mitigating strategy due to the insufficiency of funds. Survey revealed that the height from the riverbank to the pavement is approximately 37 meters which would require a massive and multi-layered structure. Thus, the DEO resorted to widening the mountain side to restore two-way traffic flow considering that the extent of the road slip has made it hazardous to traverse the left lane. The embankment structure at the cliff side will be addressed through a Regional Office project. There will be no overlapping of contracts since works are separated on each side of the pavement. To maximize the allocation, the mitigation of a nearby existing slope failure was included.
- The decrease in physical target which corresponded to the increase in unit cost is due to the type of structure programmed which consist of reinforced concrete retaining wall and rockfall netting.

Attached are the following supporting documents: Approved Program of Works (POW), Detailed Engineering Design (DED) Plans, Certificate of Availability of Funds (CAF), BP 202, Geotagged photographs, and GIS Map.

33. PHOTOS SUBMITTED

☐ NO
☒ YES

34. A MAP OF THE PROPOSED PROJECT WORK LOCATION SUBMITTED

☐ NO
☒ YES

Modification Request Form

35. PREPARED BY:

Name: HARVEY GARENTE U. DELLA
Office: Benguet 1st DEO

Position: Engineer II
Date: MAR 09 2023

36. REVIEWED BY DISTRICT OFFICE (If Required)

Name: LOIDA B. PASCUA
Position: Chief of Planning and Design Section
Date: MAR 10 2023

38. REVIEWED BY REGIONAL OFFICE

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

37. RECOMMENDED BY DISTRICT OFFICE (If Required)

Name: ISAGANI C. CAYME, CESE
Position: OIC-District Engineer
Date: MAR 13 2023

39. RECOMMENDED BY REGIONAL OFFICE

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

Modification Request Form

UACS (Unified Account Code Structure as defined in GAA)

310107100527000

Project Id



P00713129LZ

40. DPWH OFFICE OF THE UNDERSECRETARIES FOR OPERATIONS

Primary Reason for Request (based on Category of Modification): (choose one)

Category A	Category B	Category C	Category D	Impact
<input type="checkbox"/> Typographical error on Project Description	<input type="checkbox"/> Overlapping Sections <input checked="" type="checkbox"/> Change in Station Limits <input checked="" type="checkbox"/> Change in Physical Target	<input type="checkbox"/> No such Barangay <input type="checkbox"/> No such City or Municipality	<input type="checkbox"/> Change in (IO), requiring a change in the (OU)	<input type="checkbox"/> No change or decrease in unit cost <input type="checkbox"/> 20% or less increase in unit cost <input type="checkbox"/> > 20% increase in unit cost

Reviewed by Office of the Undersecretary for Operations

Name:	Engr. MANUEL L. SINGSON	Engr. ANTONIO V. SOBREVINAS, JR.
Signature		
Position:	Project Manager I	Project Manager II
Date:	3/22/23	3/22/23

41. DPWH PLANNING SERVICE

Category of Modification (please check the appropriate)	<input type="checkbox"/> Category A – Typographical Error <input type="checkbox"/> Category B – Change in Station Limits <input type="checkbox"/> Category C – Change in Location, due to non-existing location <input type="checkbox"/> Category D – Change in Operating Unit (requires DBM approval) <input type="checkbox"/> Modification does not comply with DBM Categories
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Reviewed by Planning Service

Name:	ANNA ANDREA M. NOCHE	Name: PETER PAUL R. CORTEZ
Signature		Signature: 
Position:	Regional Coordinator	Position: Chief of Programming Division
Date:	3/24/23	Date:

ANNEX A: Project Work Location Details for National Roads

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
P00713129LZ-CW1	S00393LZ	K0221+252	K0221+279	6260	6287	27	Construction of Road Slope Protection Structure	Reinforced Concrete Retaining Wall (L/S)	Square Meter	270.000
P00713129LZ-CW1	S00393LZ	K0223+000	K0223+130	8040	8170	130	Construction of Road Slope Protection Structure	Reinforced Concrete Retaining Wall, Hight- Tensile Wire Mesh with Erosion Control Mat (R/S)	Square Meter	1,317.500
								TOTAL	Square Meter	1,587.500