



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



June 6, 2024

MEMORANDUM

TO : **KHADAFFY D. TANGGOL**
Regional Director
DPWH-CAR
Engineer's Hill, Baguio City

ATTENTION : **RUSTOM A. MARTINEZ**
District Engineer
Mountain Province Second District Engineering Office
Natonin, Mountain Province

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

1. OO1: Ensure Safe and Reliable National Road System - Asset Preservation - Rehabilitation/ Reconstruction/ Upgrading of Damaged Paved Roads - Tertiary Roads Jct Talubin-Barlig-Natonin-Paracelis-Calaccad Rd – **K0440 + 1002 - K0441 + 041**
- - - **₱10,574,000.00**

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.


REY PETER B. GILLE, D.M.
Assistant Secretary for Regional Operations
in CAR, Regions I, II, IX, X, XI, XII, and XIII

2.3 mksa/AVS/RPBG/ERP

Project Modification of Allotment under the GAA Request Evaluation Form

Date of Evaluation:

05/17/2024

P/A/P 1 (001, 002, CSSP, LP):	Appropriation Source:	FY 2024 GAA
ORGANIZATIONAL OUTCOME 1 : Ensure Safe and Reliable National Road System	UACS:	310106101094000
P/A/P 2 (Program):	Project ID:	P00802296LZ
Asset Preservation Program	Region:	Cordillera Administrative Region
P/A/P 3 (Sub-Program):	Implementing Office:	Mountain Province 2nd District Engineering Office
Rehabilitation/ Reconstruction/ Upgrading of Damaged Paved Roads - Tertiary Roads	Appropriation (Php):	10,574,000

Name of Project per GAA:

Jct Talubin-Barlig-Natonin-Paracelis-Calaccad Rd - K0440 + 968 - K0441 + 262

Implementing Office
A Justification for
Modification:

- The change in station limits is based on the actual validation of sections in need of reconstruction due to its bad/poor condition, and slope protection works. See attached straight line diagram.
- The increase in unit cost for CW1 is due to the large excavation which accounts for 12.68% of the component's total amount. This section of the road line is an accident-prone area, that needs to be downgraded to attain the 18% design grade of national road. As a result, there is an increase of unit cost due to the large excavation necessary to achieve the said design.
- Subsequently, the construction of slope protection structures is necessary along the downgraded sections to protect the reconstructed part of the road. Hence, the addition of CW2 -Construction of Road Slope Protection Structure (Grouted Riprap with a height of 3 meters).
- CW2 -Construction of Road Slope Protection Structure also includes miscellaneous structures, particularly curb and gutter.

A.1 ☒

Certificate of Reasonableness of Cost Estimate

approved by: RD Khadaffy D. Tanggol dated: April 05, 2024**B. PER PLANNING SERVICE EVALUATION**B.1 ☒**PROJECT MODIFICATION ON PROJECT DESCRIPTION**B.1.1 ☐

Typographical Error/s

B.1.3 ☒

Change in Station Limits

B.1.2 ☐Change in Location (for non-existent locations only)B.1.4 ☐

Addition/ Deletion of Word/s

B.2 ☒**PROJECT MODIFICATION/ADJUSTMENTS ON PROJECT COMPONENTS**B.2.1 ☒

Change in Targets

B.2.3 ☒

Change in Component Amount

B.2.2 ☐

Change in Scope of Work

B.2.3.1 ☒

Addition of Component (including excess amount)

B.2.3.2 ☐

Deletion of Component

B.2.3.3 ☒

Movement of Funds between Components

C. RESULTANT AFTER MODIFICATIONC.1 ☒

Additional Project Component/s

C.2 Component/s:

COMP	SCOPE OF WORK		TARGET		INCREASE/ DECREASE (%)	
	FROM	TO	FROM	TO	Unit Cost	Target
CW1	Reconstruction to Concrete Pavement	Reconstruction to Concrete Pavement	1.056 lane km	0.546 lane km	45.21%	-48.30%
CW2	-	Construction of Road Slope Protection Structure	-	540.0 sq. meters	-71.32%	248.67%
CW3	-	-	-	-	-	-
CW4	-	-	-	-	-	-

D. AS EVALUATEDD.1 ☒

ALLOWED as per the GAA Provisions

D.2 ☐

NOT ALLOWED as per the GAA Provisions

D.3 Remarks (to be filled-up by Planning Service):

- Decrease in Unit Cost / Increase in Targets
- Additional Civil Works (CW2) less than BOC Unit Cost
- Change in Station Limits - with SLD

Evaluated By:

ALEX G. BOTE
Director, Planning Service

Noted By:

CONSTANTE A. LLANES JR., CESO III
Assistant Secretary, Planning Service

E. Approving Authority as per latest Approved Guidelines on Modification of Allotment under the GAAE.1 ☒

Secretary

E.2 ☐

Undersecretary for Operations



Recommended for Approval

Remarks:

MARIA CATALINA E. CABRAL, CESO I, Ph.D.
Undersecretary for Planning and PPP Services

DPWH - OSEC
RECEIVED
JUN 03 2024
By: Su. 08971 Time: 08:32
Control No. 08827
IDTS No. 08827



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



May 9, 2024

MEMORANDUM

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

This refers to the memorandum dated 15 April 2024 of **DPWH CAR Regional Director KHADAFFY D. TANGGOL**, endorsing the memorandum of **District Engineer RUSTOM A. MARTINEZ, Mountain Province Second District Engineering Office**, for the **modification** of the project under FY 2024 GAA, to wit;


As per GAA/Original			As Modified		
Project Description					
UACS No. 310106101094000 Project ID: P00802296LZ OO1: Ensure Safe and Reliable National Road System - Asset Preservation - Rehabilitation/ Reconstruction/ Upgrading of Damaged Paved Roads - Tertiary Roads Jct Talubin-Barlig-Natonin-Paracelis-Calaccad Rd – K0440 + 968 - K0441 + 262			OO1: Ensure Safe and Reliable National Road System - Asset Preservation - Rehabilitation/ Reconstruction/ Upgrading of Damaged Paved Roads - Tertiary Roads Jct Talubin-Barlig-Natonin-Paracelis-Calaccad Rd – K0440 + 1002 - K0441 + 041		
Type of Work/ Physical Target	Unit Cost	Allocation	Type of Work/ Physical Target	Unit Cost	Estimated Cost
CW1- Reconstruction of Concrete Pavement/ 1.056 Lane Km	₱ 9,812,992.42/ Lane Km	₱ 10,362,520.00	CW1- Reconstruction of Concrete Pavement/ 0.546 Lane Km	₱14,249,617.62 Lane Km	₱ 7,780,291.22
			CW2- Construction of Road Slope Protection Structure/ 540 Square meters	₱ 4,781.91 / Square meters	₱ 2,582,228.78
EAO	–	₱ 211,480.00	EAO	–	₱ 211,480.00
Total:		₱ 10,574,000.00	Total:		₱ 10,574,000.00
Decrease in physical target for CW1 - Reconstruction to Concrete Pavement from 1.056 Lane Km to 0.546 Lane Km and addition of CW2 - Construction of Road Slope Protection Structure due to the following:					
<ul style="list-style-type: none">The change in station limits is based on the actual validation of sections in need of reconstruction due to its bad/poor condition, and slope protection works. See attached straight line diagram.The increase in unit cost for CW1 is due to the large excavation which accounts for 12.68% of the component's total amount. This section of the road line is an accident-prone area, that needs to be downgraded to attain the 18% design grade of national road. As a result, there is an increase of unit cost due to the large excavation necessary to achieve the said design.Subsequently, the construction of slope protection structures is necessary along the downgraded sections to protect the reconstructed part of the road. Hence, the addition of CW2 - Construction of Road Slope Protection Structure (Grouted Riprap with a height of 3 meters).CW2 - Construction of Road Slope Protection Structure also includes miscellaneous structures, particularly curb and gutter.					

AG-CO-202405-1493

- The derived unit cost is based on the approved Program of Work (POW) with Detailed Unit Price Analysis (DUPA).

Attached are the following supporting documents: Approved Program of Works (POW) with Detailed Unit Price Analysis (DUPA), Detailed Engineering Design (DED), Certificate of Availability of Funds (CAF), BP 202, Geotagged photos, GIS Map, Certification of No overlapping (Certified by the District Engineer, Construction and Maintenance Division Chief), Certification of Right-of-Way Clearance (Certified by the District Engineer), Environmental Clearances (Not Within a "No Build Zone" and CNC/ECC) and Certificate of Reasonableness.

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


REY PETER B. GILLE, D.M.

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

RECOMMENDING APPROVAL:

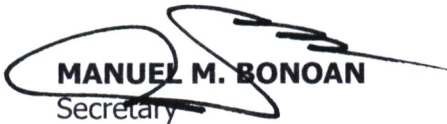

MARIA CATALINA E. CABRAL, Ph.D., CESO I

Undersecretary for Planning
and Public-Private Partnership Services


EUGENIO R. RIPO, JR.

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

APPROVED/~~DISAPPROVED~~:


MANUEL M. BONOAN
Secretary

2.3 mksa/MLS/AVS/RPBG/ERP

Department of Public Works and Highways
Office of the Secretary



WIN4E03416



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



APR 15 2024

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: OO1: Ensure Safe and Reliable National Road System - Asset Preservation - Rehabilitation/ Reconstruction/ Upgrading of Damaged Paved Roads - Tertiary Roads - Jct Talubin-Barlig-Natonin-Paracelis-Calaccad Rd - K0440 + 968 - K0441 + 262

We are respectfully forwarding the Memorandum dated March 21, 2024 from Assistant District Engineer Roland B. Matias, Mountain Province Second District Engineering Office, regarding the modification of the above project in the amount of **Ten Million Five Hundred Seventy-Four Thousand Pesos (Php 10,574,000.00)** as indicated below:

	FROM	TO
Project ID	P00802296LZ	
Project Title	Jct Talubin-Barlig-Natonin-Paracelis-Calaccad Rd - K0440 + 968 - K0441 + 262	Jct Talubin-Barlig-Natonin-Paracelis-Calaccad Rd - K0440 + 1002 - K0441 + 041
Type of Work	CW1: Reconstruction of Concrete Pavement	CW1: Reconstruction of Concrete Pavement CW2: Construction of Road Slope Protection Structure
Physical Target	CW1: 1.056 Lane Km	CW1: 0.546 Lane Km CW2: 540 Square meters

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 MGB/EFD/JWC/ABM



Republic of the Philippines
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
**MOUNTAIN PROVINCE SECOND
DISTRICT ENGINEERING OFFICE**
Natonin, Mountain Province, Cordillera Administrative Region



DPWH MPSDEO ADMIN-RMU
Code: 403
RN: 323
Date: MAR 21 2024

MAR 21 2024

MEMORANDUM

FOR : KHADAFFY D. TANGGOL
Regional Director

THRU : ANGELITA B. MABITAZAN
Chief, Planning and Design Division

SUBJECT : Request for Modification of the CY 2024 Project: Jct Talubin-Barlig-Natonin-Paracelis-Calaccad Rd - K0440 + 1002 - K0441 + 041

Respectfully submitted is the request for modification of the above project under ORGANIZATIONAL OUTCOME 1: Ensure Safe and Reliable National Road System - Asset Preservation Program - Rehabilitation/ Reconstruction/ Upgrading of Damaged Paved Roads - Tertiary Roads. The proposed changes are as follows:

Particulars	From	To
Project Description	Jct Talubin-Barlig-Natonin-Paracelis-Calaccad Rd - K0440 + 968 - K0441 + 262	Jct Talubin-Barlig-Natonin-Paracelis-Calaccad Rd - K0440 + 1002 - K0441 + 041
Physical Target	1.056 Lane Km	0.546 Lane Km (CW1) 540 Sq. m. (CW2)
Unit Cost (Excluding EAO)	₱ 9,812,992.42/ Lane Km	₱ 15,790,128.35/ Lane Km (CW1) ₱ 3,224.28/ Sq. m. (CW2)

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.

RUSTOM A. MARTINEZ
District Engineer

By the Authority of the District Engineer:

ROLAND B. MATIAS
Assistant District Engineer
CAR. 19.1 BDP/ASP/JCC

Form for Modification Request

A. GENERAL

1. REGION

Cordillera Administrative Region

2. DEO

Mountain Province Second District Engineering Office

3. LEGISLATIVE DISTRICT

Mountain Province Lone District

B. ORIGINAL PROJECT

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

310106101094000

5. Project Id

P00802296LZ

6. Project Category

OO1: Ensure Safe and Reliable National Road System

7. P/A/P

Asset Preservation - Rehabilitation/ Reconstruction/ Upgrading of Damaged Paved Roads - Tertiary Roads

8. Operating Unit

Mountain Province Second District Engineering Office

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

Component ID	Type of Work
CW1	Reconstruction of Concrete Pavement

10. PROJECT DESCRIPTION (as recorded in GAA)

Jct Talubin-Barlig-Natonin-Paracelis-Calaccad Rd - **K0440 + 968 - K0441 + 262**

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

10,574

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

Component ID	Target	Target Unit
CW1	1.056	Lane Km

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

Component ID	Component Cost (P'000)	Target Unit Cost (P'000/Target Unit)
CW1	10,362.52	9,812.99242
EAO	211.48	

C. PROPOSED REVISED PROJECT

18. Operating Unit (Change subject to DBM approval)

Mountain Province Second District Engineering Office

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

Component ID	Type of Work
CW1	Reconstruction of Concrete Pavement

CW2 Construction of Road Slope Protection Structure

20. PROJECT DESCRIPTION (of the revised project)

Jct Talubin-Barlig-Natonin-Paracelis-Calaccad Rd - **K0440 + 1002 - K0441 + 041**

21. REVISED ESTIMATED COST (P'000)

(Equal to, or lower than GAA allotment)

10,574

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

☒ YES

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

Component ID	Target	Target Unit
CW1	0.546	Lane Km
CW2	540	Square Meters (m2)

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

Component ID	Component Cost (P'000)	Target Unit Cost (P'000/Target Unit)
CW1	7,780.29	14,249.61762
CW2	2,582.23	4.78191
EAO	211.48	

Modification Request Form

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

Jct Talubin-Barlig-Natonin-Paracelis-Calaccad Rd - **K0440 + 968 - K0441 + 262**
(S03997LZ)

Start X

End X

Start Y

End Y

15. ROAD CLASSIFICATION (if applicable)

Tertiary

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

Mountain Province Second District Engineering Office

17. PROJECT IMPLEMENTATION PLAN (PIP)

Planned Start Date

April 1, 2024

Planned End Date

June 22, 2024

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 MVUC**)

Jct Talubin-Barlig-Natonin-Paracelis-Calaccad Rd - **K0440 + 1002 - K0441 + 041**
(S03997LZ)

Start X

End X

Start Y

End Y

26. ROAD CLASSIFICATION (if applicable)

Tertiary

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

Mountain Province Second District Engineering Office

28. PROJECT IMPLEMENTATION PLAN (PIP)

Planned Start Date

May 1, 2024

Planned End Date

July 22, 2024

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)

Decrease in physical target for CW1 - Reconstruction to Concrete Pavement from 1.056 Lane Km to 0.546 Lane Km and addition of CW2 - Construction of Road Slope Protection Structure due to the following:

- The change in station limits is based on the actual validation of sections in need of reconstruction due to its bad/poor condition, and slope protection works.*
- The increase in unit cost for CW1 is due to the large excavation which accounts for 12.68% of the component's total amount. This section of the road line is an accident-prone area, that needs to be downgraded to attain the 18% design grade of national road. As a result, there is an increase of unit cost due to the large excavation necessary to achieve the said design.*
- Subsequently, the construction of slope protection structures is necessary along the downgraded sections to protect the reconstructed part of the road. Hence, the addition of CW2 - Construction of Road Slope Protection Structure.*
- The derived unit cost is based on the approved Program of Work (POW) with Detailed Unit Price Analysis (DUPA).*

Attached are the following supporting documents: Approved Program of Works (POW) with Detailed Unit Price Analysis (DUPA), Detailed Engineering Design (DED), Certificate of Availability of Funds (CAF), BP 202, Geotagged photos, GIS Map, Certification of No overlapping (Certified by the District Engineer, Construction and Maintenance Division Chief), Certification of Right-of-Way Clearance (Certified by the District Engineer), Environmental Clearances (Not Within a "No Build Zone" and CNC/ECC) and Certificate of Reasonableness.

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:  BETHANY D. PADSING

Position: Engineer II

Office: Mountain Province 2nd DEO

Date:

36. REVIEWED BY DISTRICT OFFICE (If Required)

Name:  JAKE C. CULALLAD

Position: Chief, Planning and Design Section

Date:

38. REVIEWED BY REGIONAL OFFICE

Name:  ANGELITA B. MABITAN

Position: Chief, Planning and Design Division

Date:

37. RECOMMENDED BY DISTRICT OFFICE (If Required)

Name:  RUSTOM A. MARTINEZ

Position: District Engineer

Date:

39. RECOMMENDED BY REGIONAL OFFICE

Name:  KHADAFFY D. TANGGOL

Position: Regional Director

Date:

Modification Request Form

UACS (Unified Account Code Structure as defined in GAA)

310106101094000

Project Id

P00802296LZ

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"/> Addition/ Deletion of Words	<input type="checkbox"/> Overlapping Sections <input type="checkbox"/> Change in Station Limits <input 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:	5/9/24	5/8/23

41. DPWH PLANNING SERVICE

Category of Modification (please check the appropriate)	<input type="checkbox"/> Category A – Typographical Error; Addition/Deletion of Words <input type="checkbox"/> Category B – Change in Station Limits; Change in Target <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 as per GAA Provisions
---	---

Reviewed by Planning Service*

Name:	ANNA ANDREA M. NOCHE	Name:	PETER PAUL R. CORTEZ
Signature		Signature:	
Position:	Regional Coordinator	Position:	OIC-Chief of Programming Division
Date:	05-17-24	Date:	

*Please refer to the Request Evaluation Form (DPWH-QMSP-03-02 Rev 01) for the complete details of evaluation

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
P00802296LZ - CW1	S03997LZ	K0440+1002	K0441+041	54141	54414	273	Reconstruction of Concrete Pavement	Reconstruction of Concrete Pavement with 280mm thick	Lane Km	0.546
P00802296LZ - CW2	S03997LZ	K0440+1085	K0440+1205	54224	54344	120	Construction of Road Slope Protection Structure	Construction of Road Slope Protection Structure: Grouted Riprap with height of 3 meters (Left Side)	Square meters	360
P00802296LZ - CW2	S03997LZ	K0440+1130	K0440+1190	54269	54329	60	Construction of Road Slope Protection Structure	Construction of Road Slope Protection Structure: Grouted Riprap with height of 3 meters (Left Side)	Square meters	180