



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



April 24, 2024

MEMORANDUM

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

ATTENTION : **REX K. OYA-OY**
OIC-District Engineer
Benguet Second District Engineering Office
Natubleng, Buguias, Benguet

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

1. Convergence and Special Support Program- Sustainable Infrastructure Projects Alleviating Gaps (SIPAG) - Access Roads and/or Bridges from the National Road/s leading to Major/ Strategic Public Buildings/ Facilities Construction of Road along Pongo-Copcopit-Dangadangan, Bakun, Benguet - - - **P92,000,000.00**

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.


EUGENIO R. PIPO, JR.

Undersecretary 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: 04/16/2024

P/A/P 1 (001, 002, CSSP, LP):	Appropriation Source:	FY 2024 GAA
CONVERGENCE AND SPECIAL SUPPORT PROGRAM	UACS:	300215103548000
P/A/P 2 (Program):	Project ID:	P00842416LZ
Sustainable Infrastructure Projects Alleviating Gaps (SIPAG)	Region:	Cordillera Administrative Region
P/A/P 3 (Sub-Program):	Implementing Office:	Benguet 2nd District Engineering Office
SIPAG - Access Roads and/or Bridges from the National Road/s leading to Major/ Strategic Public Buildings/ Facilities	Appropriation (Php):	92,000,000

Name of Project per GAA:

Construction of Road along Pongo-Copcopit-Dangadangan, Bakun, Benguet

Implementing Office

A Justification for Modification:

- The decrease in physical target is due to the need to allocate for the additional CW - Construction of Road Slope Protection Structure, needed to fortify the Slope of the proposed roadline
- CW2 comprises of 35.82% of the Civil works cost for the grouted Riprap, Double Cribwall, and stone masonry.

A.1 ☒ Certificate of Reasonableness of Cost Estimate by: RD Khadaffy D. Tanggol dated: March 11, 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	Construction of Gravel Road	Construction of Gravel Road	14.0 lane km	10.236 lane km	-99.91%	-26.89%
CW2	-	Construction of Road Slope Protection Structure	-	3,286.0 sq. meters	-33.23%	49.77% *
CW3	-	-	-	-		
CW4	-	-	-	-		

D. AS EVALUATED

- D.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):

- CW1 - Unit Cost and Targets Decreased relatively due to the movement of funds between components
- Additional Component CW2 - Unit Cost is 33.23% less than the BOC Unit Cost for Construction of Road Slope Protection Structure, based on approved POW with grouted riprap
- Change in target in the PDM was allowed since unit cost is less than the BOC Unit Cost.

Evaluated By:

ALEX G. ROTEN
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 GAA**

- E.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



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



April 2, 2024

MEMORANDUM

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

This refers to the memorandum dated April 1, 2024 of **DPWH CAR Regional Director KHADAFY D. TANGGOL**, endorsing the request of **OIC-District Engineer REX K. OYA-OY, Benguet 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.: 300215103548000 , Project ID: P00842416LZ , Convergence and Special Support Program - Sustainable Infrastructure Projects Alleviating Gaps (SIPAG) - Access Roads and/or Bridges from the National Road/s leading to Major/ Strategic Public Buildings/ Facilities Construction of Road along Pongo-Copcopit-Dangadangan, Bakun, Benguet ,			Convergence and Special Support Program - Sustainable Infrastructure Projects Alleviating Gaps (SIPAG) - Access Roads and/or Bridges from the National Road/s leading to Major/ Strategic Public Buildings/ Facilities Construction of Road along Pongo-Copcopit-Dangadangan, Bakun, Benguet		
Type of Work / Physical Target	Unit Cost	Allocation	Type of Work / Physical Target	Unit Cost	Estimated Cost
CW1 - Construction of Gravel Road / 14 Lane Km. ,	₱ 6,341,428.57 / Lane Km. ,	₱ 88,780,000.00 ,	CW1 - Construction of Gravel Road / 10.236 Lane Km. ,	₱ 5,566,529.89 / Lane Km. , <i>₱ 11 M/km.</i>	₱ 56,979,000.00 ,
			CW2 - Construction of Road Slope Protection Structure / 3,286 Square meters ,	₱ 9,677.72 / Square meters ,	₱ 31,801,000.00 ,
EAO	—	₱ 3,220,000.00 ,	EAO	—	₱ 3,220,000.00 ,
Total:		₱ 92,000,000.00 ,	Total:		₱ 92,000,000.00 ,
Justification: The decrease in the physical target for CW1 – Construction of Gravel Road from 14 lane kilometers to 10.236 lane kilometers and the addition of CW2 – Construction of Road Slope Protection Structure are due to the following: <ul style="list-style-type: none">The decrease in the physical target in CW1 is due to the need to allocate a portion of the fund for CW2. CW2 - Construction of Road Slope Protection Structure is needed to fortify the slope of the proposed roadline since there is a massive excavation of 129,616.80 cu.m with varying material composition and with height of the cut slope ranging from 5m to 20m in height.					

Q
AG-CO - 202404-00842

- The decrease in the unit cost of CW1 – Construction of Gravel Road is attributed to the decrease in the excavation quantity due to the change in the width of the proposed PCCP from 6.7m to 6.1m.
- The component CW2 – Construction of Road Slope Protection Structure is composed of grouted riprap, double cribwall, and stone masonry, comprising 35.82% of the civil works cost.
- The derived unit cost is based on the approved Program of Work (POW) with Detailed Unit Price Analysis (DUPA).
- See attached Certificate of Reasonableness of Estimates approved by the Regional Director.

Attached are the following supporting documents: Approved Program of Works (POW), Detailed Engineering Design (DED), Certificate of Availability of Funds, BP202, Geotagged Photos, GIS Map, and Certificate of Reasonableness of Unit Cost.

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

APPROVED/~~DISAPPROVED~~:



EUGENIO R. PIRO, 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
CORDILLERA ADMINISTRATIVE REGION
Engineer's Hill, Baguio City



April 1, 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: Convergence and Special Support Program - Sustainable Infrastructure Projects Alleviating Gaps (SIPAG) - Access Roads and/or Bridges from the National Road/s leading to Major/ Strategic Public Buildings/ Facilities - Construction of Road along Pongo-Copcopit-Dangadangan, Bakun, Benguet

We are respectfully forwarding the Memorandum dated March 22, 2024 from OIC - District Engineer Rex K. Oya-oy, Benguet 2nd District Engineering Office, regarding the modification of the above project in the amount of **Ninety-Two Million Pesos (Php 92,000,000.00)** as indicated below:

	FROM	TO
Project ID	P00842416LZ	
Project Title	Construction of Road along Pongo-Copcopit-Dangadangan, Bakun, Benguet	Construction of Road along Pongo-Copcopit-Dangadangan, Bakun, Benguet
Type of Work	CW1 - Construction of Gravel Road	CW1 - Construction of Gravel Road CW2 - Construction of Road Slope Protection Structure
Physical Target	CW1 – 14 Lane Km	CW1 – 10.236 Lane Km CW2 – 3,286 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 B. TANGGOL
Regional Director

CAR.1 DLBC/EFD/JWC/ABM



March 22, 2024

MEMORANDUM

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

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

SUBJECT : **Submission of Requirements for FY 2024 Modification of the project, Sustainable Infrastructure Projects Alleviating Gaps (SIPAG) - Access Roads and/or Bridges from the National Road/s leading to Major/ Strategic Public Buildings/ Facilities - Construction of Road along Pongo-Copcopit-Dangadangan, Bakun, Benguet**

Respectfully submitting the requirements for the modification of the FY 2024 project: "Sustainable Infrastructure Projects Alleviating Gaps (SIPAG) - Access Roads and/or Bridges from the National Road/s leading to Major/ Strategic Public Buildings/ Facilities - Construction of Road along Pongo-Copcopit-Dangadangan, Bakun, Benguet" for your endorsement.

FROM			TO		
Project Description					
UACS No.: 300215103548000 Project ID: P00842416LZ					
Convergence and Special Support Program – Sustainable Infrastructure Projects Alleviating Gaps – Access Roads and/or Bridges from the National Road/s leading to Major/Strategic Public Buildings/Facilities			Convergence and Special Support Program – Sustainable Infrastructure Projects Alleviating Gaps – Access Roads and/or Bridges from the National Road/s leading to Major/Strategic Public Buildings/Facilities		
Construction of Road along Pongo-Copcopit-Dangadangan, Bakun, Benguet			Construction of Road along Pongo-Copcopit-Dangadangan, Bakun, Benguet		
Physical Target	Unit Cost	Allocation	Physical Target	Unit Cost	Allocation
CW-1: Construction of Gravel Road			CW-1: Construction of Gravel Road		
14 lane km.	₱ 6,341,428.57	₱ 88,780,000.00	10.236 ln.km.	₱ 5,566,529.89	₱ 56,979,000.00
			CW-2: Rehabilitation / Major Repair of Road Slope Protection Structure		
			3,286 sq.m	₱ 9,677.72	₱ 31,801,000.00
EAO (3.5%)		₱ 3,220,000.00	EAO (3.5%)		₱ 3,220,000.00
TOTAL		₱ 92,000,000	TOTAL		₱ 92,000,000

For your review.

REX K. OYA-OY
OIC – District Engineer

CAR.17.1/VBC/LDR/EPM

Tables for Modification Request Form

A. GENERAL							
1. REGION Cordillera Administrative Region			2. DEO Benguet Second 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) 300215103548000 ✓							
5. Project Id P00842416LZ ✓							
6. Project Category Convergence and Special Support Program							
7. Sub-Program (P/A/P) Sustainable Infrastructure Projects Alleviating Gaps (SIPAG) - Access Roads and/or Bridges from the National Road/s leading to Major/ Strategic Public Buildings/ Facilities							
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 Gravel Road ✓			CW1	Construction of Gravel Road ✓		
				CW2	Construction of Road Slope Protection Structure		
10. PROJECT DESCRIPTION (as recorded in GAA) Construction of Road along Pongo-Copcopit-Dangadangan, Bakun, Benguet ✓				20. PROJECT DESCRIPTION (of the revised project) Construction of Road along Pongo-Copcopit-Dangadangan, Bakun, Benguet			
11. ALLOTMENT (P'000) (as recorded in GAA) 92,000 ✓				21. REVISED ESTIMATED COST (P'000) (Equal to, or lower than GAA allotment) 92,000		22. CAF (To be obtained from Financial Management office) <input checked="" 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	14 ✓	Lane Km		CW1	10.236	Lane Km	
				CW2	3,286	Square Meters (m2)	
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	88,780 ✓	6,341.42857		CW1	56,981.96 ✓	5,566.81907	
				CW2	31,798.04 ✓	9.67682	
EAO	3,220 ✓			EAO	3,220		
14. PROJECT WORK LOCATION (Must be defined in strict accordance with DO 65 Series 2014)				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)			
Start X	120.780223	End X	120.760767	Start X	120.780223	End X	120.765617
Start Y	16.788396	End Y	16.826414	Start Y	16.788396	End Y	16.819373
15. ROAD CLASSIFICATION (if applicable)				26. ROAD CLASSIFICATION (if applicable)			

Tables for Modification Request Form

16. IMPLEMENTING OFFICE (Record the Implementing Office of the original project) Benguet Second District Engineering Office		27. IMPLEMENTING OFFICE (Record the Implementing Office of the proposed revised project) Benguet Second District Engineering Office	
17. PROJECT IMPLEMENTATION PLAN (PIP)		28. PROJECT IMPLEMENTATION PLAN (PIP)	
Planned Start Date 05/03/2024	Planned End Date 02/25/2025	Planned Start Date 05/03/2024	Planned End Date 02/25/2025
		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 decrease in the physical target for CW1 – Construction of Gravel Road from 14 lane kilometers to 10.236 lane kilometers and the addition of CW2 – Construction of Road Slope Protection Structure are due to the following:




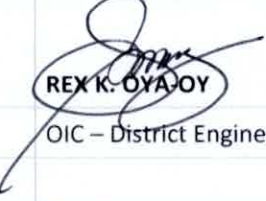

- The decrease in the physical target in CW1 is due to the need to allocate a portion of the fund for CW2. CW2 - Construction of Road Slope Protection Structure is needed to fortify the slope of the proposed roadline since there is a massive excavation of 129,616.80 cu.m with varying material composition and with height of the cut slope ranging from 5m to 20m in height.*
- The decrease in the unit cost of CW1 – Construction of Gravel Road is attributed to the decrease in the excavation quantity due to the change in the width of the proposed PCCP from 6.7m to 6.1m.*
- The component CW2 – Construction of Road Slope Protection Structure is composed of grouted riprap, double cribwall, and stone masonry, comprising 35.82% of the civil works cost.*
- The derived unit cost is based on the approved Program of Work (POW) with Detailed Unit Price Analysis (DUPA).*
- See attached Certificate of Reasonableness of Estimates approved by the Regional Director.*

Attached are the following supporting documents: Approved Program of Works (POW), Detailed Engineering Design (DED), Certificate of Availability of Funds, BP202, Geotagged Photos, GIS Map, and Certificate of Reasonableness of Unit Cost.

33. PHOTOS SUBMITTED
☐ NO ☒ YES

34. A MAP OF THE PROPOSED PROJECT WORK LOCATION SUBMITTED
☐ NO ☒ YES

Tables for Modification Request Form

35. PREPARED BY:			
Name:	 VANESSA B. CHAN	Position:	Engineer II
Office:	Benguet 2nd District Engineering Office	Date:	
36. REVIEWED BY DISTRICT OFFICE (If Required)		38. REVIEWED BY REGIONAL OFFICE	
Name:	 LAWRENCE D. ROMERO	Name:	 ANGELITA B. MABITAZAN
Position:	OIC - Chief, Planning and Design Section	Position:	Chief, Planning and Design Division
Date:		Date:	
37. RECOMMENDED BY DISTRICT OFFICE (If Required)		39. RECOMMENDED BY REGIONAL OFFICE	
Name:	 REX K. OYA-OY	Name:	 KHADAFFY D. TANGGOL
Position:	OIC – District Engineer	Position:	Regional Director
Date:		Date:	

Tables for Modification Request Form

UACS (Unified Account Code Structure as defined in GAA)

300215103548000

Project Id


P00842416LZ

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 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	Name:	Engr. ANTONIO V. SOBREVÍÑAS, JR.
Signature		Signature:	
Position:	Project Manager I	Position:	Project Manager II
Date:	4/4/24	Date:	4/2/24

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:	OIC - Chief of Programming Division
Date:	4-16-24	Date:	