



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

March 30, 2023

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 Roads with Slips, Slope Collapse, and Landslide - Secondary Roads Gov. Bado Dangwa National Road, **K0286+750 - K0286+900**, Kapangan, Benguet - - - **P140,000,000.00**
2. OO1: Ensure Safe and Reliable National Road System - Asset Preservation - Rehabilitation/ Reconstruction of Roads with Slips, Slope Collapse, and Landslide - Secondary Roads Banaue-Mayoyao-Alfonso Lista-Isabela Bndry Rd, **K0361 + 090 - K0361 + 380**, Banaue, Ifugao - - - **P120,000,000.00**
3. OO1: Ensure Safe and Reliable National Road System - Asset Preservation - Rehabilitation/ Reconstruction of Roads with Slips, Slope Collapse, and Landslide - Secondary Roads Baguio-Bontoc Rd - **K0359 + 610 - K0359 + 693** - - - **P100,000,000.00**
4. OO1: Ensure Safe and Reliable National Road System - Asset Preservation - Rehabilitation/ Reconstruction of Roads with Slips, Slope Collapse, and Landslide - Secondary Roads Banaue-Mayoyao-Alfonso Lista-Isabela Bndry Rd, **K0346 + 880 - K0347 + 130**, Banaue, Ifugao - - - **P100,000,000.00**
5. OO1: 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 - **K0278 + 250 - K0278 + 320, K0278 + 685 - K0278 + 725** - - - **P150,000,000.00**
6. OO1: Ensure Safe and Reliable National Road System - Asset Preservation - Rehabilitation/ Reconstruction of Roads with Slips, Slope Collapse, and Landslide - Secondary Roads Cong. Andres AcopCosalan Rd - **K0321 + 250 - K0321 + 515** - - - **P200,000,000.00**
7. OO1: Ensure Safe and Reliable National Road System - Asset Preservation - Rehabilitation/ Reconstruction of Roads with Slips, Slope Collapse, and Landslide - Tertiary Roads Gov. Bado Dangwa National Road, **K0328+844 - K0329+000**, Kibungan, Benguet - - - **P200,000,000.00**
8. Convergence and Special Support Program - Sustainable Infrastructure Projects Alleviating Gaps (SIPAG) - Flood Mitigation Structures protecting Public Infrastructures/Facilities Construction of Barren River (Downstream) Flood Control within Chico River Basin, **Sta. 37+995 - Sta. 39+300 (R/S)**, Conner, Apayao - - - **P120,000,000.00**
9. OO1: Ensure Safe and Reliable National Road System - Asset Preservation - Rehabilitation/ Reconstruction of Roads with Slips, Slope Collapse, and Landslide - Secondary Roads Baguio-Bontoc Rd - **K0359 + 510 - K0359 + 580** - - - **P150,000,000.00**
10. OO1: Ensure Safe and Reliable National Road System - Asset Preservation - Rehabilitation/ Reconstruction of Roads with Slips, Slope Collapse, and Landslide - Primary Roads Kennon Rd - **K0232 + 535 - K0232 + 580** - - - **P48,000,000.00**
11. OO1: 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 - **K0292 + 100 - K0292 + 350** - - - **P150,000,000.00**

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



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

Programming Division Evaluation Sheet

Name of Project:

Project ID: P00740313LZ

Construction of Barren River (Downstream) Flood Control within Chico River Basin, Sta. 36+675 - Sta. 38+200 (R/S), Conner, Apayao

Appropriation: 120,000,000

Implementing Office: Regional Office CAR

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

DPWH - OSEC
RECEIVED
MAR 28 2023
By: _____
Control No.: 23-05711
IDTS No.: 04946

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: 120,000,000

D. IMPACT:

- D.1 Condition/s: _____ % decrease in unit cost
25.72 % increase in unit cost
20.46 % 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 B. BOTE

Director, Planning Service

Noted By:

CONSTANTE A. LLANES, JR., CESO III

Assistant Secretary, Planning Service

ACTION SLIP

Project ID: P00740313LZ

Date:

FOR: USEC FOR OPERATIONS

☐ RRB

☒ ERP

☐ EKS

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**, requesting for the **modification** of the project under FY 2023 GAA, to wit;

As per GAA/Original			As Modified		
Project Description					
UACS No. : 300219101309000 Project ID: P00740313LZ					
Convergence and Special Support Program - Sustainable Infrastructure Projects Alleviating Gaps (SIPAG) - Flood Mitigation Structures protecting Public Infrastructures/Facilities			Convergence and Special Support Program - Sustainable Infrastructure Projects Alleviating Gaps (SIPAG) - Flood Mitigation Structures protecting Public Infrastructures/Facilities		
Construction of Barren River (Downstream) Flood Control within Chico River Basin, Sta. 36+675 - Sta. 38+200 (R/S), Conner, Apayao			Construction of Barren River (Downstream) Flood Control within Chico River Basin, Sta. 37+995 - Sta. 39+300 (R/S), Conner, Apayao		
Type of Work/ Physical Target	Unit Cost	Allocation	Type of Work/ Physical Target	Unit Cost	Estimated Cost
CW1- Construction of Flood Mitigation Structure / 1,525 Lineal meters	₱ 75,934.43/ Lineal meters	₱ 115,800,000.00	CW1- Construction of Flood Mitigation Structure / 1,213 Lineal meters	₱ 95,465.79/ Lineal meters	₱ 115,800,000.00
EAO	—	₱ 4,200,000.00	EAO	—	₱ 4,200,000.00
Total:		₱ 120,000,000.00	Total:		₱ 120,000,000.00
Justification: Change in Station Limits in the Project Description and Decrease in physical target for CW1 - Construction of Flood Mitigation Structure from 1,525 Lineal Meters to 1,213 Lineal Meters due to the following: <ul style="list-style-type: none">The increase in unit cost for CW1 is due to the incorporation of sheet piles in the foundation design of the proposed structure alignment, as recommended in the design analysis, particularly the scour analysis, which therein affected the target length of the proposed structure.The change in station limit is due to the prioritization of critical section at Sta. 37+995 to Sta. 39+300 (R/S) which require immediate flood mitigation structure to prevent flooding and bank collapse along residential areas and vegetable production areasThe 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), BP 202, Geotagged photos, Certificate of Reasonableness, Project Impact Analysis, Hydraulic and Hydrologic Analysis and GIS Map.					

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. RIPIO, 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/AGC/ERP

Department of Public Works and Highways
Office of the Secretary



WIN3E02675



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 the Modification of the Project: CONVERGENCE AND SPECIAL SUPPORT PROGRAM – Sustainable Infrastructure Projects Alleviating Gaps (SIPAG) – Flood Mitigation Structures protecting Public Infrastructure/ Facilities – Construction of Barren River (Downstream) Flood Control within Chico River Basin, Sta. 36+675 – Sta. 38+200 (R/S), Conner Apayao

We are respectfully submitting the modification of the above project in the amount of **One Hundred Twenty Million Pesos (Php 120,000,000.00)**, as indicated below:

	As per GAA/Original	As Modified
Project ID	P00740313LZ	
UACS	300219101309000	
Project Title	Construction of Barren River (Downstream) Flood Control within Chico River Basin, Sta. 36+675 - Sta. 38+200 (R/S), Conner, Apayao	Construction of Barren River (Downstream) Flood Control within Chico River Basin, Sta. 37+995 - Sta. 39+300 (R/S), Conner, Apayao
Physical Target	1, 525 Lineal meters	1,213 Lineal 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 CSCE/EFD/JWC/ABM

Tables for Modification Request Form

A. GENERAL					
1. REGION Cordillera Administrative Region		2. DEO Apayao First District Engineering Office		3. LEGISLATIVE DISTRICT APAYAO (LONE DISTRICT)	
B. ORIGINAL PROJECT			C. PROPOSED REVISED PROJECT		
4. UACS (Unified Account Code Structure as defined in GAA) 300219101309000 ✓					
5. Project Id P00740313LZ ✓					
6. Project Category Convergence and Special Support Program ✓					
7. Sub-Program (P/A/P) Sustainable Infrastructure Projects Alleviating Gaps (SIPAG) - Flood Mitigation Structures protecting Public Infrastructures/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 Flood Mitigation Structure ✓		CW1	Construction of Flood Mitigation Structure ✓	
10. PROJECT DESCRIPTION (as recorded in GAA) Construction of Barren River (Downstream) Flood Control within Chico River Basin, Sta. 36+675 - Sta. 38+200 (R/S), Conner, Apayao ✓			20. PROJECT DESCRIPTION (of the revised project) Construction of Barren River (Downstream) Flood Control within Chico River Basin, Sta. 37+995 - Sta. 39+300 (R/S), Conner, Apayao ✓		
11. ALLOTMENT (P'000) (as recorded in GAA) 120,000			21. REVISED ESTIMATED COST (P'000) (Equal to, or lower than GAA allotment) 120,000		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	1,525 ✓	Lineal Meters (lm)	CW1	1,213 ✓	Lineal Meters (lm)
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	115,800 ✓	75.93443	CW1	115,800 ✓	95.46579
EAO	4,200 ✓		EAO	4,200 ✓	

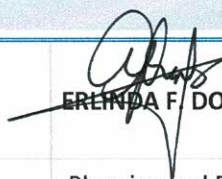
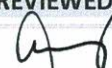

Tables for Modification Request Form

14. PROJECT WORK LOCATION (Must be defined in strict accordance with DO 65 Series 2014) Click here to enter text.				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) Click here to enter text.			
Start X	121.26833	End X	121.26806	Start X	121.26833	End X	121.26806
Start Y	17.81972	End Y	17.82056	Start Y	17.81972	End Y	17.82056
15. ROAD CLASSIFICATION (if applicable) N/A				26. ROAD CLASSIFICATION (if applicable) N/A			
16. IMPLEMENTING OFFICE (Record the Implementing Office of the original project) Cordillera Administrative Region				27. IMPLEMENTING OFFICE (Record the Implementing Office of the proposed revised project) Cordillera Administrative Region			
17. PROJECT IMPLEMENTATION PLAN (PIP)				28. PROJECT IMPLEMENTATION PLAN (PIP)			
Planned Start Date		Planned End Date		Planned Start Date		Planned End Date	
05/21/2023		04/14/2024		05/21/2023		04/14/2024	
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) <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> N/A
32. TECHNICAL JUSTIFICATION (Explain in detail in Bullet point format; minimum of 2 points) Change in Station Limits and Location Reference in the Project Description and Decrease in physical target for CW1 - Construction of Flood Mitigation Structure from 1,525 Lineal Meters to 1,213 Lineal Meters due to the following: <ul style="list-style-type: none"> The increase in unit cost for CW1 is due to the incorporation of sheet piles in the foundation design of the proposed structure alignment, as recommended in the design analysis, particularly the scour analysis, which therein affected the target length of the proposed structure. The change in station limit is due to the prioritization of critical section from Sta. 37+995 to Sta. 39+300 (R/S) which require immediate flood mitigation structure to prevent flooding and bank collapse along residential areas and vegetable production areas 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), BP 202, Geotagged photos, Certificate of Reasonableness and GIS Map.
33. PHOTOS SUBMITTED <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES
34. A MAP OF THE PROPOSED PROJECT WORK LOCATION SUBMITTED <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES

Tables for Modification Request Form

35. PREPARED BY:			
Name:	 ERENDIA F. DOLIENTE	Position:	Chief, Planning Section
Office:	Planning and Design Division	Date:	
36. REVIEWED BY DISTRICT OFFICE (If Required)		38. REVIEWED BY REGIONAL OFFICE	
Name:		Name:	 ANGELITITA 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:	

Tables for Modification Request Form

UACS (Unified Account Code Structure as defined in GAA)

300219101309000

Project Id

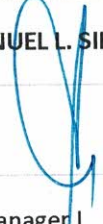
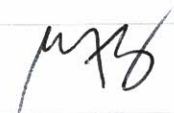
P00740313LZ

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 checked="" type="checkbox"/> > 20% increase in unit cost



Reviewed by Office of the Undersecretary for Operations

Name:	Engr. MANUEL L. SINGSON	Engr. ANTONIO V. SOBREVÍÑAS, JR.
Signature		
Position:	Project Manager I	Project Manager II <i>fin</i>
Date:	3/23/23	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:	OIC - Chief of Programming Division
Date:	3/24/23	Date:	