

Project Modification Evaluation Form

Date of Evaluation: May 7, 2025

UACS:	320102107103000	Project ID:	P00923067LZ	Fund Source:	FY 2025 GAA
Region:	CAR	Implementing Office:	Lower Kalinga DEO	Appropriations (Php):	8,000,000.00
Programs/ Activities / Projects (P/A/P):	ORGANIZATIONAL OUTCOME 2 : Protect Lives and Properties Against Major Floods - Flood Management Program - onstruction/ Rehabilitation of Flood Mitigation Facilities within Major River Basins and Principal Rivers				
Name of Project (as per GAA) :	FROM	Construction of Flood Control Structure along Chico River (Buenan), Sta. 115 + 741 - Sta. 115 + 941, Barangay Dupag, Tabuk City, Kalinga			
Name of Project (as Modified) :	TO	Construction of Flood Control Structure along Chico River (Buenan), Sta. 115 + 786 - Sta. 115 + 866, Barangay Dupag, Tabuk City, Kalinga			

A. Implementing Office Justification for Modification:

The increase in the unit cost/decrease in the physical target is due to height increase of the structure in response to the geotechnical constraints in the actual field condition. This will also protect the existing access road along the top bank of the project. The materials hauling distance to the project site is approximately 28.9 Km, which contributes to the substantial increase in unit cost. The flood mitigation structure is a Grouted Riprap with Structural Concrete Armor, with a total length of 80 lineal meters. The structure has a height of 8 meters, a base width of 3 Meters, and requires an embankment (from structure excavation) area of 107.6 cubic meters.

A.1 ☒ Certificate of Reasonableness of Cost Estimate by D.E. Ruby A. Uyam dated: April 7, 2025**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.2.3.2	☐	Movement of Funds between Components

C. RELEASE OF FUNDS CLASSIFICATION

C.1	☒	GAAO	C.2	☐	For Issuance of SARO (FISARO)
			C.2.1	☐	DPWH Initiatives (D.I.)
			C.2.2	☐	Non-DPWH Initiatives (C.I.)
			C.2.3	☐	Others (such as TRIP, etc)

☒ Certificate of Availability of Funds / Allotment

signed by: D.E. Ruby A. Uyam

date: April 11, 2025

D. RESULTANT AFTER MODIFICATIOND.1 ☐ Additional Project Component/s
D.2 Component/s:

COMP	Type Of Work (TOW)	Unit Cost (Php)	TARGET	Unit of Measure	Increase / Decrease (%)		
					Unit Cost (FROM/TO)	Unit Cost (BOC/TO)	Target
CW1	Construction of Flood Mitigation Structure	96,500.00	80,000	Linear Meters	56,250	-8,350	-36.00%
CW2							
CW3							

see attached Project Modification Component Detail Matrix (PMCDM)

E. AS EVALUATEDE.1 ☒ ALLOWED as per the GAA Provisions
E.2 ☐ NOT ALLOWED as per the GAA Provisions
E.3 Remarks (to be filled out by Planning Service):

Evaluated By:

Director, Planning Service

Noted By: **CONSTANTE A. LLANES, JR., CESO III**

Assistant Secretary, Planning Service and the Legislative Liaison Office

F. Approving Authority as per latest Approved guidelines on Modification of Allotment under the GAAF.1 ☒ SecretaryF.2 ☒ Undersecretary for Operations☒ Recommended for Approval
Remarks:MARIA CATALINA E. CABRAL, PhD, CESO I
Undersecretary for Planning and PPP Services

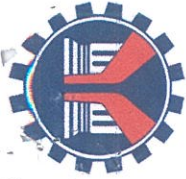
(attachment to the Project Modification Evaluation Form)

UACS:	320102107103000	Project ID:	P00923067LZ	Fund Source:	FY 2025 GAA
Region:	CAR	Implementing Office:		Lower Kalinga DEO	
Appropriations (Php) :		8,000,000			

Comp.	Component Amount (Php)	Type of Work		Detailed Scope of Work
		FROM	TO	
CW1	7,720,000	Construction of Flood Mitigation Structure	Construction of Flood Mitigation Structure	Revetment rubble concrete with concrete class "B" Grouted Riprap with Concrete Sheet Pile Foundation
CW2				
CW3				
EA0	280,000			
	8,000,000			

COMP	Unit Cost			TARGET			Unit of Measure	
	FROM		BOC	TO	FROM			BOC
	61,760.00		105,287.63	96,500.00	125.000	73.323		80.000
	CW1		CW2		CW3			CW4

COMP	Unit Cost (FROM/TO)		Unit Cost (BOC/TO)	Target
	Increase / Decrease (%)			
CW1	56.25%	-8.35%		-36.00%
CW2				
CW3				
CW4				



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



April 24, 2025

MEMORANDUM

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

This refers to the memorandum dated April 21, 2025 of **DPWH CAR Regional Director KHADAFFY D. TANGGOL**, endorsing the request of **District Engineer RUBY A. UYAM**, **Lower Kalinga District Engineering Office**, for the **modification** of the project under FY 2025 GAA, to wit;

As per GAA/Original			As Modified		
Project Description					
UACS No. 320102107103000 Project ID: P00923067LZ		OO2: Protect Lives and Properties. - Construction/ Rehabilitation of Flood Mitigation Facilities within Major River Basins and Principal Rivers.			
OO2: Protect Lives and Properties. - Construction/ Rehabilitation of Flood Mitigation Facilities within Major River Basins and Principal Rivers		Construction of Flood Control Structure along Chico River (Buenan), Sta.115 + 786 - Sta. 115 + 866, Barangay Dupag, Tabuk City, Kalinga			
Type of Work/ Physical Target	Unit Cost	Allocation	Type of Work/ Physical Target	Unit Cost	Estimated Cost
CW1- Construction of Flood Mitigation Structure/ 125 Lineal Meters	₱ 61,760.00/ Lineal Meters	₱ 7,720,000.00	CW1- Construction of Flood Mitigation Structure / 80 Lineal Meters	₱ 96,500.00/ Lineal Meters	₱ 7,720,000.00
EAO	-	₱ 280,000.00	EAO	-	₱ 280,000.00
		₱ 8,000,000.00	Total:		₱ 8,000,000.00

Justification:

The project is to be modified in view of the following:

- The increase in the unit cost/decrease in the physical target is due to height increase of the structure in response to the geotechnical constraints in the actual field condition. This will also protect the existing access road along the top bank of the project.
- The materials hauling distance to the project site is approximately 28.92 kilometers, which contributes to the substantial increase in unit cost.
- The corrected physical target of 125 lineal meters is modified to 80 lineal meters.
- The station limits are modified to ensure that the project station limits are based on the actual field condition, synchronized with the physical target on the validated approved Plans, Program of Works, and Detailed Unit Price Analysis (DUPA)
- The flood mitigation structure is a Grouted Riprap with Structural Concrete Armor, with a total length of 80 lineal meters. The structure has a height of 8 meters, a base width of 3 meters, and requires an embankment (from structure excavation) area of 107.6 cubic meters.

Ma - W - 802504 - 171743

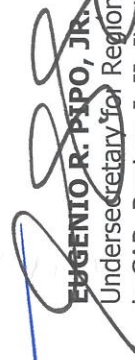
Attached are the following supporting documents: Approved Program of Works (POW) with Detailed Unit Price Analysis (DUPA), Detailed Engineering Design (DED), Certificate of Availability of Funds (CAF), BP 202, Geotagged photos, GIS Map, Certification of No overlapping (Certified by the District Engineer, Construction and Maintenance Division Chief), Certification of Right-of-Way Clearance (Certified by the District Engineer), Environmental Clearances (CNC/ECC), Hydraulic Analysis, Project Impact Analysis, 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.


LORETA M. MALALUAN, CESO IV
Assistant Secretary for Regional Operations
in CAR, Regions I, II, IX, X, XI, XII, XIII, and NCR

RECOMMENDING APPROVAL:


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


EUGENIO R. PIPO, 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/LMM/ERP

Department of Public Works and Highways
Office of the Secretary



WIN5E03728



Republic of the Philippines
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
LOWER KALINGA DISTRICT ENGINEERING OFFICE
Bulanao, Tabuk City, Kalinga



April 21, 2024

MEMORANDUM

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

THRU : **ARNOLD O. DACWAG**
Chief, Planning & Design Division

SUBJECT : **Modification CY 2025 GAA – ORGANIZATIONAL OUTCOME 2 :
Protect Lives and Properties Against Major Floods - Construction/
Rehabilitation of Flood Mitigation Facilities within Major River
Basins and Principal Rivers - Construction of Flood Control
Structure along Chico River (Buenan), Sta. 115 + 741 - Sta. 115 +
941, Barangay Dupag, Tabuk City, Kalinga, under the FY 2025
General Appropriations Act**

May we submit for review and evaluation the Modification of the project stated below:

FROM	TO
Construction of Flood Control Structure along Chico River (Buenan), Sta. 115 + 741 - Sta. 115 + 941 , Barangay Dupag, Tabuk City, Kalinga Physical Target: 125 Lineal Meters Amount : ₱ 8,000,000.00	Construction of Flood Control Structure along Chico River (Buenan), Sta.115+786 - Sta. 115+866 , Barangay Dupag, Tabuk City, Kalinga Physical Target: 80 Lineal Meters Amount : ₱ 8,000000.00

Attached are all Supporting documents based on D.O No. 23, series of 2023 for your ready reference.

For your favorable consideration.

RUBY AL UYAM
District Engineer

CAR 15.1 MAE/ABN/EMJE

Modification Request Form

DPWH-QMSP-03-01 Rev 01

A. GENERAL		
1. REGION	2. DEO	3. LEGISLATIVE DISTRICT
Cordillera Administrative Region	Lower Kalinga District Engineering Office	Kalinga Lone District
B. ORIGINAL PROJECT		
4. UACS (Unified Account Code Structure as defined in GAA) 320102107103000		
5. Project Id P00923067LZ		
6. Project Category OO2: Protect Lives and Properties		
7. Sub-Program (P/A/P) Construction/ Rehabilitation of Flood Mitigation Facilities within Major River Basins and Principal Rivers		
8. Operating Unit Central Office		
18. Operating Unit (Change subject to DBM approval) Central Office		
19. Type of Work (Enter Details for all Components below)		
Component ID	Type of Work	Type of Work
CW1	Construction of Flood Mitigation Structure	Construction of Flood Mitigation Structure
20. PROJECT DESCRIPTION (of the revised project) Construction of Flood Control Structure along Chico River (Buenan), Sta. 115 + 741 - Sta. 115 + 941, Barangay Dupag, Tabuk City, Kalinga		
21. REVISED ESTIMATED COST (Equal to, or lower than GAA allotment) 8,000		
22. CAF (To be obtained from Financial Management office) ☒ YES		
12. PHYSICAL TARGET (Enter Details for all Components below)		
Component ID	Target	Target Unit
CW1	125	Lineal Meters (lm)
13. UNIT COST (Enter Details for all Components below)		
Component ID	Component Cost (P'000)	Target Unit Cost (P'000/Target Unit)
CW1	7,720	61.76000
EAO	280	
24. UNIT COST (Enter Details for all Components below)		
Component ID	Component Cost (P'000)	Target Unit Cost (P'000/Target Unit)
CW1	7,720	96.50000
EAO	280	
23. PHYSICAL TARGET (Enter Details for all Components below)		
Component ID	Target	Target Unit
CW1	80	Lineal Meters (lm)

Modification Request Form

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 and MVUG)	
Barangay Dupag, Tabuk City, Kalinga		Barangay Dupag, Tabuk City, Kalinga	
Start X	121.243500	End X	121.242109
Start Y	17.4012840	End Y	17.4006490
15. ROAD CLASSIFICATION (if applicable)		26. ROAD CLASSIFICATION (if applicable)	
16. IMPLEMENTING OFFICE (Record the Implementing Office of the original project) Lower Kalinga District Engineering Office /		27. IMPLEMENTING OFFICE (Record the Implementing Office of the proposed revised project) Lower Kalinga District Engineering Office	
17. PROJECT IMPLEMENTATION PLAN (PIP)		28. PROJECT IMPLEMENTATION PLAN (PIP)	
Planned Start Date	April 19, 2025	Planned Start Date	May 25, 2025
Planned End Date	August 14, 2025	Planned End Date	September 19, 2025
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 -Rehabilitation / Major Repair of Flood Control Structure from 125 ln.m to 80 ln.m due to the following:

- The increase in the unit cost/decrease in the physical target is due to height increase of the structure in response to the geotechnical constraints in the actual field condition. This will also protect the existing access road along the top bank of the project.
- The materials hauling distance to the project site is approximately 28.92 kilometers, which contributes to the substantial increase in unit cost.
- The corrected physical target of 125 lineal meters is modified to 80 lineal meters.
- The station limits are modified to ensure that the project station limits are based on the actual field condition, synchronized with the physical target on the validated approved Plans, Program of Works, and Detailed Unit Price Analysis (DUPA)
- The flood mitigation structure is a Grouted Riprap with Structural Concrete Armor, with a total length of 80 lineal meters. The structure has a height of 8 meters, a base width of 3 meters, and requires an embankment (from structure excavation) area of 107.6 cubic meters.

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 (CNC/ECC), Hydraulic Analysis, Project Impact Analysis, and Certificate of Reasonableness.

33. PHOTOS SUBMITTED

☐ NO ☒ YES

34. A MAP OF THE PROPOSED PROJECT WORK LOCATION SUBMITTED

☐ NO ☒ YES

Modification Request Form

35. PREPARED BY:

Name:

ALFREDO B. NGAO-I

Position: Engineer II

Office:

Lower Kalinga District Engineering Office

Date:

36. REVIEWED BY DISTRICT OFFICE (If Required)

38. REVIEWED BY REGIONAL OFFICE

Name:

EUGENE MICHAEL T. ESPITA

Name: ARNOLD C. DACWAG

Position:

OIC-Chief Planning and Design Section

Position: Chief of Planning Division

Date:

Date:

37. RECOMMENDED BY DISTRICT OFFICE (If Required)

39. RECOMMENDED BY REGIONAL OFFICE

Name:

RUBY A. UYAM

Name: KHADAFFY D. TANGGOL

Position:

District Engineer

Position: Regional Director

Date:

Date:

Modification Request Form

UACS (Unified Account Code Structure as defined in GAA)

320102107103000

Project Id

P00923067LZ

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
☐ Typographical error on Project Description ☐ Addition/Deletion of Words	☐ Overlapping Sections ☐ Change in Station Limits ☐ Change in Physical Target	☐ No such Barangay ☐ No such City or Municipality	☐ Change in (IO), requiring a change in the (OU)	☐ No change or decrease in unit cost ☐ 20% or less increase in unit cost ☐ > 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 III
Date:	4/25/25	4/24/25

41. DPWH PLANNING SERVICE

Category of Modification (please check the appropriate)	☐ Category A – Typographical Error; Addition/Deletion of Words ☒ Category B – Change in Station Limits; Change in Target ☐ Category C – Change in Location, due to non-existing location ☐ Category D – Change in Operating Unit (requires DBM approval) ☐ Modification does not comply with as per GAA Provisions
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Reviewed by Planning Service*

Name:	ANECITA G. VITOR	Name:	PETER PAUL R. CORTEZ
Signature		Signature:	
Position:	Regional Coordinator	Position:	OIC-Chief of Programming Division
Date:	5/7/25	Date:	

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



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



April 21, 2025

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 2 : Protect Lives and Properties Against Major Floods - Construction/ Rehabilitation of Flood Mitigation Facilities within Major River Basins and Principal Rivers - Construction of Flood Control Structure along Chico River (Buenan) , Sta. 115+786 - Sta. 115+866, Barangay Dupag, Tabuk City, Kalinga, under the FY 2025 General Appropriations Act**

We are respectfully forwarding the Memorandum dated April 21, 2025 from District Engineer Ruby A. Uyam, Lower Kalinga District Engineering Office, regarding the modification of the above project in the amount of **Eight Million Pesos (Php 8,000,000.00)** as indicated below:

	FROM	TO
Project ID	P00923067LZ	
Project Title	ORGANIZATIONAL OUTCOME 2 : Protect Lives and Properties Against Major Floods - Construction/ Rehabilitation of Flood Mitigation Facilities within Major River Basins and Principal Rivers - Construction of Flood Control Structure along Chico River (Buenan) , Sta. 115+741 - Sta. 115+941 , Barangay Dupag	ORGANIZATIONAL OUTCOME 2 : Protect Lives and Properties Against Major Floods - Construction/ Rehabilitation of Flood Mitigation Facilities within Major River Basins and Principal Rivers - Construction of Flood Control Structure along Chico River (Buenan) , Sta. 115+786 - Sta. 115+866 , Barangay Dupag
Type of Work	CW1: Construction of Flood Control Mitigation	CW1: Construction of Flood Control Mitigation
Physical Target	CW1 – 125.00 Lineal Meters	CW1 – 80.00 Lineal Meters
Allocation	CW1 – Php 7,720,000.00 EAO – Php 280,000.000	CW1 – Php 7,720,000.00 EAO – Php 280,000.000

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 REP/AOD