



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

**Programming Division Evaluation Sheet**

Name of Project:

Project ID: P00639439LZ

**Construction of Flood Control Structure, Barangay Banbancag, Bucay, Abra**

Appropriation: 30,000,000

Implementing Office: Abra District Engineering Office

Date: 12/09/2022

**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 ONLY  
A.2.5.2 ☐ Change in Scope of Work ONLY  
A.2.5.3 ☐ Change in Component Amount ONLY  
A.2.5.4 ☐ Addition of Component ONLY (incl. EXC Component)  
A.2.5.5 ☐ Deletion of Component ONLY  
A.2.5.6 ☐ Movement of Funds bet. Components ONLY  
A.2.5.7 ☒ MULTIPLE changes in Component Details

**B. EVALUATION**

- B.1 ☒ ALLOWED as per the GAA Provisions  
B.2 ☐ NOT ALLOWED as per the GAA Provisions

**C. FUND SOURCE FY 2022 GAA, R.A. 11639**

- C.1 ☒ FLR (☒ Released ☐ Unreleased) Amount: 30,000,000  
C.2 ☐ FCR

**D. Remarks:**

- D.1 Condition/s:   
- % decrease in unit cost  
167.13 % increase in unit cost  
63.07 % decrease in physical target  
- % increase in physical target
- D.2 ☐ Change in Scope from \_\_\_\_\_ to \_\_\_\_\_
- D.3 ☒ Certificate of Cost Reasonableness by RD
- D.4 ☒ Reviewed/Evaluated by the Bureau of Construction dated 18 October 2022. The amount of P30,000,000.00 was reduced to P29,592,000.00 with an excess of P408,000.00

Evaluated By PETER PAUL R. CORTEZ  
OIC, Programming Division

Noted By: CONSTANTE A. LLANES, JR., CESO III  
Assistant Secretary for Planning Service

**ACTION SLIP**

Project ID: P00639439LZ

Date: 12/13/22

FOR : USEC FOR OPERATIONS ☐ EKS ☐ RRB ☒ ERP

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

November 28, 2022

**MEMORANDUM**

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

This refers to the memorandum dated September 7, 2022 of **DPWH CAR Director KHADAFFY D. TANGGOL**, endorsing the request of **District Engineer JOSELITO T. ARAO**, Abra DEO, for the **modification** of the project under FY 2022 GAA, to wit;

As per GAA/Original			As Modified		
Project Description					
<b>UACS No. 300219100536000</b> <b>Project ID: P00639439LZ</b>					
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 Flood Control Structure, Barangay Banbancag, Bucay, Abra			Construction of Flood Control Structure, Barangay Banbancag, Bucay, Abra		
Type of Work/ Physical Target	Unit Cost	Allocation	Type of Work/ Physical Target	Unit Cost	Estimated Cost
CW1 - Construction of Flood Mitigation Structure: <b>265.393 lm</b>	₱ 110,779.11/ lm	₱ 29,400,000.00	CW1 - Construction of Flood Mitigation Structure: <b>98 lm</b>	₱ 295,920.03/ lm	₱ 29,000,162.35
EAO	-	₱ 600,000.00	EAO	-	₱ 591,837.65
			<b>EXCESS</b>	-	<b>₱ 408,000.00</b>
<b>Total:</b>		<b>₱ 30,000,000.00</b>	<b>Total:</b>		<b>₱ 30,000,000.00</b>
<b>Justification:</b>					
<ul style="list-style-type: none"><li>The increase in unit cost which resulted to the decrease in the physical target is due to the usage of a reinforced concrete dike type flood mitigation structure with steel sheet piles consisting of 60.05 % of the project direct cost. The steel sheet piles are necessary to prevent scouring and possible failure along the foundation of the proposed mitigation and ensure over-all stability of the project area.</li><li>Also, the huge/massive rock embankment consisting of 28.35% of the project direct cost contributed to the high unit cost of the project.</li><li>The derived unit cost is based on the approved Detailed Unit Price Analysis and Program of Work with reference to the evaluation made by the Bureau of Construction as per memorandum dated October 20, 2022.</li><li>See attached Cross-Section Drawing of the Project submitted by the District Engineer, and the Certificate of Reasonableness of Cost Estimates signed by the Regional Director.</li></ul>					

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

**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

Department of Public Works and Highways  
Office of the Secretary



WIN2E02559

2.3 LDAM/AVS/AGC/ERP



# Form for Modification Request

A. GENERAL					
<b>1. REGION</b> Cordillera Administrative Region		<b>2. DEO</b> Abra District Engineering Office		<b>3. LEGISLATIVE DISTRICT</b> Abra Lone District	
B. ORIGINAL PROJECT			C. PROPOSED REVISED PROJECT		
<b>4. UACS</b> (Unified Account Code Structure as defined in GAA) 300219100536000					
<b>5. Project Id</b> P00639439LZ					
<b>6. Project Category</b> Convergence and Special Support Program					
<b>7. Sub-Program (P/A/P)</b> Sustainable Infrastructure Projects Alleviating Gaps (SIPAG) - Flood Mitigation Structures protecting Public Infrastructures/Facilities					
<b>8. Operating Unit</b> Abra District Engineering Office			<b>18. Operating Unit</b> (Change subject to DBM approval) Abra District Engineering Office		
<b>9. Type of Work</b> (Enter Details for all Components below)			<b>19. Type of Work</b> (Enter Details for all Components below)		
<b>Component ID</b>	<b>Type of Work</b>		<b>Component ID</b>	<b>Type of Work</b>	
EAO			EAO		
CW 1	Construction of Flood Mitigation Structure		CW 1	Construction of Flood Mitigation Structure	
<b>10. PROJECT DESCRIPTION</b> (as recorded in GAA) Construction of Flood Control Structure, Barangay Banbancag, Bucay, Abra			<b>20. PROJECT DESCRIPTION</b> (of the revised project) Construction of Flood Control Structure, Barangay Banbancag, Bucay, Abra		
<b>11. ALLOTMENT (P'000)</b> (as recorded in GAA) 30,000			<b>21. REVISED ESTIMATED COST (P'000)</b> (Equal to, or lower than GAA allotment) 30,000		<b>22. CAF</b> (To be obtained from Financial Management office) <input checked="" type="checkbox"/> YES
<b>12. PHYSICAL TARGET</b> (Enter Details for all Components below)			<b>23. PHYSICAL TARGET</b> (Enter Details for all Components below)		
<b>Component ID</b>	<b>Target</b>		<b>Component ID</b>	<b>Target</b>	<b>Target Unit</b>
EAO			EAO		
CW 1	265.393	Lineal Meters (lm)	CW 1	98	Lineal Meters (lm)
<b>13. UNIT COST</b> (Enter Details for all Components below)			<b>24. UNIT COST</b> (Enter Details for all Components below)		
<b>Component ID</b>	<b>Component Cost (P'000)</b>	<b>Target Unit Cost (P'000/Target Unit)</b>	<b>Component ID</b>	<b>Component Cost (P'000)</b>	<b>Target Unit Cost (P'000/Target Unit)</b>

# Form for Modification Request

EAO	600		EAO	591.83765	
CW 1	29,400	110.779108	CW 1	29,000.16235	295.92002
			Excess	408	
<b>14. PROJECT WORK LOCATION</b>			<b>25. PROJECT WORK LOCATION</b> (Must be defined in strict accordance with DO 65 Series 2014. Also complete "ANNEX A" for National Road projects under OO-1 and LP)		
<b>Start X</b>	120.73761	<b>End X</b>	120.73735	<b>Start X</b>	120.73761
<b>Start Y</b>	17.56384	<b>End Y</b>	17.56700	<b>Start Y</b>	17.56384
				<b>End Y</b>	17.56700
<b>15. ROAD CLASSIFICATION</b> (if applicable) Choose an item.			<b>26. ROAD CLASSIFICATION</b> (if applicable) Choose an item.		
<b>16. IMPLEMENTING OFFICE</b> (Record the Implementing Office of the original project) Abra District Engineering Office			<b>27. IMPLEMENTING OFFICE</b> (Record the Implementing Office of the proposed revised project) Abra District Engineering Office		
<b>17. PROJECT IMPLEMENTATION PLAN (PIP)</b>			<b>28. PROJECT IMPLEMENTATION PLAN (PIP)</b>		
<b>Planned Start Date</b>	<b>Planned End Date</b>		<b>Planned Start Date</b>	<b>Planned End Date</b>	
August 1, 2022	January 20, 2023		August 1, 2022	January 20, 2023	
			<b>29. OVERLAP?</b> <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES		<b>30. UNDER WARRANTY?</b> <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 increase in unit cost which resulted to the decrease in the physical target is due to the usage of a reinforced concrete dike type flood mitigation structure with steel sheet piles consisting of 60.05 % of the project direct cost. The steel sheet piles are necessary to prevent scouring and possible failure along the foundation of the proposed mitigation and ensure overall stability of the project area.
- Also, the huge/massive rock embankment consisting of 28.35% of the project direct cost contributed to the high unit cost of the project.
- The derived unit cost is based on the approved Detailed Unit Price Analysis and Program of Work with reference to the evaluation made by the Bureau of Construction dated October 20, 2022.
- See also the attached Certificate of Reasonableness of Cost Estimate approved by the Regional Director.

**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:	MELGIE JONES D. JAVIER	Position:	ENGINEER II
Office:	Abra District Engineering Office	Date:	
36. REVIEWED BY DISTRICT OFFICE (If Required)		38. REVIEWED BY REGIONAL OFFICE	
Name:	CHONA LUISA A. RAMOS	Name:	ANGELITA B. MABITAZAN
Position:	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:	JOSELITO T. ARAO	Name:	KHADAFFY D. TANGGOL
Position:	District Engineer	Position:	Regional Director
Date:		Date:	

# Form for Modification Request

UACS

300219100536000

Project Id

P00639439LZ

## 40. DPWH OFFICE OF THE UNDERSECRETARIES FOR OPERATIONS USE ONLY

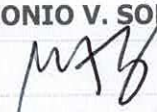
Category of Modification  
(choose one)

- ☐ Category A – Typographical Errors
- ☐ Category B – Change in Station Limits, due to increase or decrease in budget
- ☐ Category C – Change in Location
- ☐ Category D – Change in Operating Unit (requires DBM approval)
- ☐ Adjustment – Send to PS-PD to amend MYPS
- ☐ Modification does not comply with DBM Categories
- ☐ Augmentation

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

Category A	Category B	Category C	Category D	Adjustment (Must be no change to target or GAA line item)
<input type="checkbox"/> Typographical error on Project Description <input type="checkbox"/> Project Description needs items removed due to typo error	<input type="checkbox"/> Overlapping Sections of Work <input type="checkbox"/> Change in station limits, due to increase or decrease in budget <input type="checkbox"/> Change in Physical Target	<input type="checkbox"/> No such Barangay <input type="checkbox"/> No such City/Municipality	<input type="checkbox"/> Change in (IO), requiring a change in the (OU)	<input type="checkbox"/> Typographical error on Project Component Description <input type="checkbox"/> Typographical error on other fields not included in, or not consistent with GAA <input type="checkbox"/> Move funds between Project Components <input type="checkbox"/> Add/delete Project Components <b>Change of Itemized Project Component:</b> <input type="checkbox"/> Various <input type="checkbox"/> Description <input type="checkbox"/> Location  <input type="checkbox"/> Amount <input type="checkbox"/> Target

## Reviewed by Office of the Undersecretary for Operations

Name: Engr. ANTONIO V. SOBREVINAS, JR.  
 Signature:   
 Position: PROJECT MANAGER II  
 Date: 11/28/22

## 41. DPWH PLANNING SERVICE OFFICE USE ONLY

Category of Modification  
(choose one)

- ☐ Category A – Typographical Errors
- ☐ Category B – Change in Station Limits, due to increase or decrease in budget
- ☐ Category C – Change in Location
- ☐ Category D – Change in Operating Unit (requires DBM approval)
- ☐ Adjustment – Send to PS-PD to amend MYPS
- ☐ Modification does not comply with DBM Categories
- ☐ Augmentation

## 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:	12/09/22	Date:	