



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

Programming Division Evaluation Sheet

Name of Project:

Project ID: P00637011LZ

Construction of Cardona Flood Control Structure, Barangay Cardona, Dolores, Abra

Appropriation: 100,000,000

Implementing Office: Regional Office CAR

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: 100,000,000
C.2 ☐ FCR

D. Remarks:

- D.1 Condition/s:
- % decrease in unit cost
149.97 % increase in unit cost
60.23 % 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 P100,000,000.00 was reduced to P99,408,000.00 with an excess of P592,000.00

Evaluated By: PETER PAUL R. CORTES
OIC, Programming Division

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

ACTION SLIP

Project ID: P00637011LZ

Date:

FOR : USEC FOR OPERATIONS

☐

EKS

☐

RRB

☒

ERP

REMARKS:

- ☒ Reviewed by Planning Service
☒ Recommended for Approval
☐ Remarks:

MARIA CATALINA E. CABRAL

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

As per GAA/Original			As Modified		
Project Description					
UACS No. 300219100041000 Project ID: P00637011LZ					
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 Cardona Flood Control Structure, Barangay Cardona, Dolores, Abra			Construction of Cardona Flood Control Structure, Barangay Cardona, Dolores, Abra		
Type of Work/ Physical Target	Unit Cost	Allocation	Type of Work/ Physical Target	Unit Cost	Estimated Cost
CW1- Construction of Flood Mitigation Structure: 884.642 lm	₱ 109,083.67/ lm	₱96,500,000.00	CW1- Construction of Flood Mitigation Structure: 351.80 lm	₱ 272,679.70/ lm	₱95,928,721.01
EAO	-	₱3,500,000.00	EAO	-	₱3,479,278.99
			Sub-total:		₱99,408,000.00
			Excess:		₱592,000.00
Total:		₱100,000,000.00	Total:		₱100,000,000.00
Justification:					
<ul style="list-style-type: none">The increase in unit cost which resulted to the decrease in physical target is due to the usage of a reinforced concrete dike type flood mitigation structure with steel sheet piles consisting of 52.72% 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.Also, the huge/massive embankment consisting of 34.66% of the project 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 as per memorandum dated October 20, 2022.See the attached Cross-section drawing of the project submitted by the District Engineer, and the Certificate of Reasonableness of Estimates approved by the Regional Director.					

Refer to C.O.

Based on our evaluation, the submitted request for modification of the said project is in order. Hence, the said request is hereby recommended for Secretary's consideration and approval.

See BOC Memo dtd Oct. 20, 2022

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/AVS/AGC/ERP

Department of Public Works and Highways
Office of the Secretary

WIN2E02555

Form for Modification Request

A. GENERAL					
1. REGION Cordillera Administrative Region		2. DEO Abra District Engineering Office		3. LEGISLATIVE DISTRICT Abra Lone District	
B. ORIGINAL PROJECT			C. PROPOSED REVISED PROJECT		
4. UACS (Unified Account Code Structure as defined in GAA) 300219100041000					
5. Project Id P00637011LZ					
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	
EAO			EAO		
CW 1	Construction of Flood Mitigation Structure		CW 1	Construction of Flood Mitigation Structure	
10. PROJECT DESCRIPTION (as recorded in GAA) Construction of Cardona Flood Control Structure, Barangay Cardona, Dolores, Abra			20. PROJECT DESCRIPTION (of the revised project) Construction of Cardona Flood Control Structure, Barangay Cardona, Dolores, Abra		
11. ALLOTMENT (P'000) (as recorded in GAA) 100,000			21. REVISED ESTIMATED COST (P'000) (Equal to, or lower than GAA allotment) 100,000		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		Component ID	Target	Target Unit
EAO			EAO		
CW 1	884.642	Lineal Meters (lm)	CW 1	351.80	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)

Form for Modification Request

EAO	3,500		EAO	3,479.27899	
CW 1	96,500	109.083674	CW 1	95,928.72101	272.67970
			Excess	592	

14. PROJECT WORK LOCATION				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 LP)			
Start X	120.705733	End X	120.705041	Start X	120.705733	End X	120.705041
Start Y	17.670512	End Y	17.675047	Start Y	17.670512	End Y	17.675047

15. ROAD CLASSIFICATION (if applicable) Choose an item.		26. ROAD CLASSIFICATION (if applicable) Choose an item.	
16. IMPLEMENTING OFFICE (Record the Implementing Office of the original project) Abra District Engineering Office		27. IMPLEMENTING OFFICE (Record the Implementing Office of the proposed revised project) Abra District Engineering Office	
17. PROJECT IMPLEMENTATION PLAN (PIP)		28. PROJECT IMPLEMENTATION PLAN (PIP)	
Planned Start Date August 1, 2022	Planned End Date May 5, 2023	Planned Start Date August 1, 2022	Planned End Date May 5, 2023
		29. OVERLAP? <input type="checkbox"/> NO <input type="checkbox"/> YES	30. UNDER WARRANTY? <input type="checkbox"/> NO <input type="checkbox"/> YES

D. ATTACHMENTS & JUSTIFICATIONS	
31. PROJECT IMPACT ANALYSIS ATTACHED? (For Flood Control Projects) <input type="checkbox"/> NO <input type="checkbox"/> YES <input type="checkbox"/> N/A	
32. TECHNICAL JUSTIFICATION (Explain in detail in Bullet point format; minimum of 2 points)	
<ul style="list-style-type: none"> • The increase in unit cost is due to the usage of a reinforced concrete dike type flood mitigation structure with steel sheet piles consisting of 52.72% 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. • Also, the huge/massive rock embankment consisting of 34.66% 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 as per memorandum dated October 20, 2022. • See also the attached Certificate of Reasonableness of Cost Estimate approved by the Regional Director. 	
33. PHOTOS SUBMITTED <input type="checkbox"/> NO <input type="checkbox"/> YES	
34. A MAP OF THE PROPOSED PROJECT WORK LOCATION SUBMITTED <input type="checkbox"/> NO <input type="checkbox"/> 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:	

UACS (Unified Account Code Structure as defined in GAA)

300219100041000

Project Id

P00637011LZ

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)

- ☐ Typographical error on Project Description
- ☐ Project Description needs items removed due to typo error

- ☐ Overlapping Sections of Work
- ☐ Change in station limits, due to increase or decrease in budget
- ☒ Change in Physical Target

- ☐ No such Barangay
- ☐ No such City/Municipality

- ☐ Change in (IO), requiring a change in the (OU)

- ☐ Typographical error on Project Component Description
- ☐ Typographical error on other fields not included in, or not consistent with GAA
- ☐ Move funds between Project Components
- ☐ Add/delete Project Components

Change of Itemized Project Component:

- ☐ Various
- ☐ Description
- ☐ Location
- ☐ Amount
- ☐ 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

Signature

[Signature]

Position:

CAR - Regional Coordinator

Date:

12/09/2022

Name:

PETER PAUL R. CORTEZ

Signature:

[Signature]

Position:

OIC-Chief of Programming Division

Date: