



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

Programming Division Evaluation Sheet

Name of Project:

Project ID: P00621275LZ

Construction of Malabbaga Flood Control Structure (Phase III), Sta. 6 + 820 - Sta. 7 + 820, La Paz, Abra

Appropriation: 100,000,000

Implementing Office: Regional Office CAR

Date: 12/10/2022

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
128.04	% increase in unit cost
58.40	% 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 20 October 2022. The amount of P100,000,000.00 was reduced to P94,860,000.00 with an excess of P5,140,000.00.

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: P00621275LZ

Date: 12/10/22

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 dated 07 September 2022 of **DPWH-Cordillera Administrative Region (CAR) Director KHADAFFY D. TANGGOL** endorsing the request of **District Engineer JOSELITO T. ARAO, Abra District Engineering Office**, for the approval of Modification of the hereunder project covered by FY 2022 General Appropriation Act (GAA), to wit;

As per GAA/Original			As Modified		
Project Description					
UACS No. 320101107342000 Project ID : P00621275LZ					
OO2: Protect Lives and Properties Against Major Floods - Construction/ Maintenance of Flood Mitigation Structures and Drainage Systems			OO2: Protect Lives and Properties Against Major Floods - Construction/ Maintenance of Flood Mitigation Structures and Drainage Systems		
Construction of Malabbaga Flood Control Structure (Phase III), Sta. 6 + 820 - Sta. 7 + 820, La Paz, Abra			Construction of Malabbaga Flood Control Structure (Phase III), Sta. 6 + 820 - Sta. 7 + 820, La Paz, 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 l.m.	₱109,083.67/ l.m.	₱96,500,000.00	CW1 – Construction of Flood Mitigation Structure/ 368.00 l.m.	₱248,749.78/ l.m.	₱91,539,920.25
EAO	-	₱3,500,000.00	EAO	-	₱3,320,079.75
Total		₱100,000,000.00	Sub-Total		₱94,860,000.00
			Excess		₱5,140,000.00
			Total		₱100,000,000.00

Justification:

- 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 56.43% 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 31.40% 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 memo dated October 20, 2022.
- See the attached Cross Section drawing of the project submitted by the District Engineer, and Certificate of Reasonableness of Cost Estimates approved by the Regional Director.

Based on our evaluation, the submitted request for project modification is in order, hence, it is respectfully recommended to the Secretary for his consideration and approval.

See BOC Memo dtd Oct. 20, 2022

EUGENIO R. RIPO, JR.

Undersecretary for Regional Operations
in CAR, Regions I, II, IX, X, XI, XII and XIII

APPROVED/DISAPPROVED:

MANUEL M. BONOAN

Secretary

2.3 aap/AVS/AGC/ERP

Department of Public Works and Highways
Office of the Secretary



WIN2E02560

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) 320101107342000					
5. Project Id P00621275LZ					
6. Project Category OO2: Protect Lives and Properties					
7. Sub-Program (P/A/P) Flood Management - Construction/ Maintenance of Flood Mitigation Structures and Drainage Systems					
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 Malabbaga Flood Control Structure (Phase III), Sta. 6 + 820 - Sta. 7 + 820, La Paz, Abra			20. PROJECT DESCRIPTION (of the revised project) Construction of Malabbaga Flood Control Structure (Phase III), Sta. 6 + 820 - Sta. 7 + 820, La Paz, 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	368.000	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	3,320.07975	
CW 1	96,500	109.083674	CW 1	91,539.92025	248.74978
			Excess	5,140	
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	120.70582	End X 120.70504	Start X	120.70582	End X 120.70504
Start Y	17.690574	End Y 17.692185	Start Y	17.690574	End Y 17.692185
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	Planned End Date		Planned Start Date	Planned End Date	
August 1, 2022	May 5, 2023		August 1, 2022	May 5, 2023	
			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 type="checkbox"/> YES <input checked="" 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 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 56.43% 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 31.40% 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 memo dated October 20, 2022. See also the attached Certificate of Reasonableness of Cost Estimates approved by the Regional Director. 					
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					

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)

320101107342000

Project Id

P00621275LZ

40. DPWH OFFICE OF THE UNDERSECRETARIES FOR OPERATIONS USE ONLY

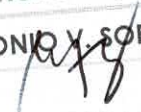
Category of Modification
(choose one)

- ☐ 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 checked="" 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 Change of Itemized Project Component: <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 Y. SOBREVIÑAS, 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:	CAR - Regional Coordinator	Position:	OIC-Chief of Programming Division
Date:	12/10/22	Date:	