



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 05 October 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. 300219100541000 Project ID : P00637054LZ					
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 Poblacion East Flood Control, Pidigan, Abra			Construction of Poblacion East Flood Control, Pidigan, Abra		
Type of Work/ Physical Target	Unit Cost	Allocation	Type of Work/ Physical Target	Unit Cost	Estimated Cost
CW1 – Construction of Flood Mitigation Structure/ 442.321 l.m.	₱110,779.28/ l.m.	₱49,000,000.00	CW1 – Construction of Flood Mitigation Structure/ 127.200 l.m.	₱ 381,529.78 / l.m.	₱ 48,530,588.30
EAO	-	₱1,000,000.00	EAO	-	₱990,411.70
Total		₱50,000,000.00	Sub-Total		₱49,521,000.00
			Excess		₱479,000.00
			Total		₱50,000,000.00

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 72.76% 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 18.43% 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 18, 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.

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 aap/AVS/AGC/ERP

Department of Public Works and Highways
Office of the Secretary



WIN2E02550

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) 300219100541000					
5. Project Id P00637054LZ					
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 Abra District Engineering Office			18. Operating Unit (Change subject to DBM approval) Abra District Engineering 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 Poblacion East Flood Control, Pidigan, Abra			20. PROJECT DESCRIPTION (of the revised project) Construction of Poblacion East Flood Control, Pidigan, Abra		
11. ALLOTMENT (P'000) (as recorded in GAA) 50,000			21. REVISED ESTIMATED COST (P'000) (Equal to, or lower than GAA allotment) 50,000		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	442.321	Lineal Meters (lm)	CW 1	127.20	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

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

EAO	1,000		EAO	990.4117	
CW 1	49,000	110.779275 695562	CW 1	48,530.5883	381.52978
			Excess	479	

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	120.596611	End X	120.587953	Start X	120.596611	End X	120.587953
Start Y	17.566708	End Y	17.573018	Start Y	17.566708	End Y	17.573018

15. ROAD CLASSIFICATION (if applicable) <small>Choose an item.</small>		26. ROAD CLASSIFICATION (if applicable) <small>Choose an item.</small>	
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	February 13, 2023	August 1, 2022	February 13, 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 72.76% 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 18.43% 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 18, 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

300219100541000

Project Id

P00637054LZ

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 V. SOBREVINAS, JR.

Signature

Position: Project Manager II

Date: 11/28/21

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

Position: CAR - Regional Coordinator

Date: 12/10/22

Name: Peter Paul R. Cortez

Signature:

Position: OIC-Chief of Programming Division

Date: