



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



April 29, 2024

MEMORANDUM

TO : **KHADAFFY D. TANGGOL**
Regional Director
DPWH-CAR
Engineer's Hill, Baguio City

Transmitted herewith is the **APPROVED** request for the **modification** of hereunder stated project:

1. OO2: Protect Lives and Properties Against Major Floods – Flood Management - Construction/ Maintenance of Flood Mitigation Structures and Drainage Systems Construction of Masablang Flood Control Structure (Section 2M), Sta. 112+780 - **Sta. 113+312** (Both Side) - - - **₱100,000,000.00**

Please be reminded that all approved modifications **shall be posted in the DPWH website within five (5) days** from its approval. Failure to comply with this requirement shall be dealt with accordingly.


EUGENIO R. PIPO, JR.

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

2.3 mksa/AVS/RPBG/ERP

Website: <https://www.dpwh.gov.ph>
Tel. No(s).: 5304-3000 / (02) 165-02



Project Modification of Allotment under the GAA Request Evaluation Form

M1 & 0

Date of Evaluation: 04/19/2024

P/A/P 1 (OO1, OO2, CSSP, LP):	Appropriation Source:	FY 2024 GAA
ORGANIZATIONAL OUTCOME 2 : Protect Lives and Properties Against Major Floods	UACS:	320101110511000
P/A/P 2 (Program):	Project ID:	P00823329LZ
Flood Management Program	Region:	Cordillera Administrative Region
P/A/P 3 (Sub-Program):	Implementing Office:	Regional Office - CAR
Construction/ Maintenance of Flood Mitigation Structures and Drainage Systems	Appropriation (Php):	100,000,000

Name of Project per GAA:

Construction of Masablang Flood Control Structure (Section 2M), Sta. 112+780 - Sta. 112+980 (Left Side) and Sta. 113+025 - Sta. 113+275 (Both Side)

Implementing Office
A Justification for Modification:

- the change in station limits was deemed necessary to consider the actual critical sections along the river alignment requiring flood mitigation facilities. Moreover, additional flood control structure was proposed to the right side of the river in order to protect the properties and vegetable production areas which will be affected from the diverted flow of water from the construction of flood control structure on the left side.
 - The decrease in unit cost is due to the removal of scour protection along sections with hard rock strata where sheet pile cannot be installed, locations of which were identified through actual site validation.
- The derived unit cost is based on the approved Program of Work (POW) with Detailed Unit Price Analysis (DUPA)

A.1 Certificate of Reasonableness of Cost Estimate by: RD Khadaffy D. Tanggol, dated: March 15, 2024

B. PER PLANNING SERVICE EVALUATION

B.1 **PROJECT MODIFICATION ON PROJECT DESCRIPTION**

- B.1.1 Typographical Error/s
 B.1.2 Change in Location (for non-existent locations only)
 B.1.3 Change in Station Limits
 B.1.4 Addition/ Deletion of Word/s

B.2 **PROJECT MODIFICATION/ADJUSTMENTS ON PROJECT COMPONENTS**

- B.2.1 Change in Targets
 B.2.2 Change in Scope of Work
 B.2.3 Change in Component Amount
 B.2.3.1 Addition of Component (including excess amount)
 B.2.3.2 Deletion of Component
 B.2.3.3 Movement of Funds between Components

C. RESULTANT AFTER MODIFICATION

- C.1 Additional Project Component/s
 C.2 Component/s:

COMP	SCOPE OF WORK		TARGET		INCREASE/ DECREASE (%)	
	FROM	TO	FROM	TO	Unit Cost	Target
CW1	Construction of Flood Mitigation Structure	Construction of Flood Mitigation Structure	820.497 lm	1,050.0 lm	-21.86%	27.97%
CW2	-	-	-	-	-	-
CW3	-	-	-	-	-	-
CW4	-	-	-	-	-	-

D. AS EVALUATED

- D.1 ALLOWED as per the GAA Provisions
 D.2 NOT ALLOWED as per the GAA Provisions
 D.3 Remarks (to be filled-up by Planning Service):

• Increase in Target and decrease in Unit Cost (No change in PDM)

Evaluated By:

ALEX G. BOTE
Director, Planning Service

Noted By:

CONSTANTE A. LLANES JR., CESO III
Assistant Secretary, Planning Service

E. Approving Authority as per latest Approved Guidelines on Modification of Allotment under the GAA

- E.1 Secretary
 E.2 Undersecretary for Operations

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



April 2, 2024

MEMORANDUM

FOR : **EUGENIO R. PIPO, JR.**
Undersecretary for Regional Operations
in CAR, Regions I, II, IX, X, XI, XII, and XIII
This Department

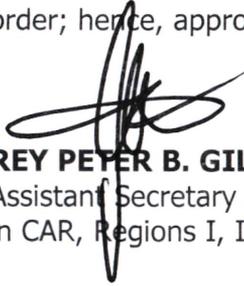
This refers to the memorandum dated 01 April 2024 of **DPWH CAR Regional Director KHADAFFY D. TANGGOL**, requesting for the **modification** of the project under FY 2024 GAA, to wit;

<i>As per GAA/Original</i>			<i>As Modified</i>		
Project Description					
UACS No.:320101110511000 Project ID:P00823329LZ OO2: Protect Lives and Properties Against Major Floods - Flood Management - Construction/ Maintenance of Flood Mitigation Structures and Drainage Systems Construction of Masablang Flood Control Structure (Section 2M), Sta. 112+780 - Sta. 112+980 (Left Side) and Sta. 113+025 - Sta. 113+275 (Both Side)			OO2: Protect Lives and Properties Against Major Floods - Flood Management - Construction/ Maintenance of Flood Mitigation Structures and Drainage Systems. Construction of Masablang Flood Control Structure (Section 2M), Sta. 112+780 - Sta. 113+312 (Both Side)		
Type of Work/ Physical Target	Unit Cost	Allocation	Type of Work/ Physical Target	Unit Cost	Estimated Cost
CW1- Construction of Flood Mitigation Structure / 820.497 Lineal Meters	₱ 117,611.64/ Lineal Meters	₱ 96,500,000.00	CW1- Construction of Flood Mitigation Structure / 1,050 Lineal Meters	₱ 91,904.76 / Lineal Meters	₱ 96,500,000.00
EAO	-	₱ 3,500,000.00	EAO	-	₱ 3,500,000.00
Total:		₱100,000,000.00	Total:		₱100,000,000.00
Justification: Change in Station Limits in the Project Description and Increase in physical target of CW1 - Construction of Flood Mitigation Structure from 820.497 Lineal meters to 1,050.000 Lineal meters due to the following: <ul style="list-style-type: none"> The change in station limits was deemed necessary to consider the actual critical sections along the river alignment requiring flood mitigation facilities. Moreover, additional flood control structure was proposed to the right side of the river in order to protect the properties and vegetable production areas which will be affected from the diverted flow of water from the construction of flood control structure on the left side. The decrease in unit cost is due to the removal of scour protection along sections with hard rock strata where sheet pile cannot be installed, locations of which were identified through actual site validation. The derived unit cost is based on the approved Program of Work (POW) with Detailed Unit Price Analysis (DUPA) 					
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, Hydraulic and Hydrologic Analysis, PIA, Master Plan, Certificate of No Overlapping and GIS Map.					

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AG-CO-202401-00865

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



REY PETER B. GILLE, D.M.
Assistant Secretary for Regional Operations
in CAR, Regions I, II, IX, X, XI, XII, and XIII

RECOMMENDING APPROVAL:



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

APPROVED/~~DISAPPROVED~~



EUGENIO B. PIPO, JR.
Undersecretary for Regional Operations
in CAR, Regions I, II, IX, X, XI, XII, and XIII

2.3 mksa/MLS/AVS/RPBG/ERP



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



April 01, 2024

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: OO2: Protect Lives and Properties Against Major Floods - Flood Management Program - Construction of Masablang Flood Control Structure (Section 2M), Sta. 112+780 - Sta. 112+980 (Left Side) and Sta. 113+025 - Sta. 113+275 (Both Side)

We are respectfully submitting the modification of the above project in the amount of **One Hundred Million Pesos (Php 100,000,000.00)** as indicated below:

	FROM	TO
Project ID	P00823329LZ	
Project Title	Construction of Masablang Flood Control Structure (Section 2M), Sta. 112+780 - Sta. 112+980 (Left Side) and Sta. 113+025 - Sta. 113+275 (Both Side)	Construction of Masablang Flood Control Structure (Section 2M), Sta. 112+780 - Sta. 113+312 (Both Side)
Physical Target	820.497 Lineal meters	1050 Lineal meters

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 MGB/EPD/JWC/ABM

Tables for Modification Request Form

A. GENERAL

1. REGION

Cordillera Administrative Region

2. DEO

Mountain Province 2nd District Engineering Office

3. LEGISLATIVE DISTRICT

MOUNTAIN PROVINCE (LONE DISTRICT)

B. ORIGINAL PROJECT

4. UACS (Unified Account Code Structure as defined in GAA)

320101110511000

5. Project Id

P00823329LZ

6. Project Category

OO2: Protect Lives and Properties Against Major Floods

7. Sub-Program (P/A/P)

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)

Component ID

Type of Work

CW1

Construction of Flood Mitigation Structure

19. Type of Work (Enter Details for all Components below)

Component ID

Type of Work

CW1

Construction of Flood Mitigation Structure

10. PROJECT DESCRIPTION (as recorded in GAA)

Construction of Masablang Flood Control Structure (Section 2M), Sta. 112+780 - **Sta. 112+980 (Left Side)** and **Sta. 113+025 - Sta. 113+275 (Both Side)**

20. PROJECT DESCRIPTION (of the revised project)

Construction of Masablang Flood Control Structure (Section 2M), Sta. 112+780 - **Sta. 113+312 (Both Side)**

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)

YES

12. PHYSICAL TARGET (Enter Details for all Components below)

Component ID

Target

Target Unit

CW1

820.497

Lineal Meters (lm)

23. PHYSICAL TARGET (Enter Details for all Components below)

Component ID

Target

Target Unit

CW1

1,050.000

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

96,500.000

117.61164

24. UNIT COST (Enter Details for all Components below)

Component ID

Component Cost (P'000)

Target Unit Cost (P'000/Target Unit)

CW1

96,500.000

91.90476

EAO

3,500.000

EAO

3,500.000

Tables for Modification Request Form

14. PROJECT WORK LOCATION (Must be defined in strict accordance with DO 65 Series 2014)

Click here to enter text.

Start X 121.40722 **End X** 121.40944

Start Y 17.16583 **End Y** 17.16889

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)

Click here to enter text.

Start X 121.40722 **End X** 121.40944

Start Y 17.16583 **End Y** 17.16889

15. ROAD CLASSIFICATION (if applicable)

N/A

16. IMPLEMENTING OFFICE (Record the Implementing Office of the original project)

Cordillera Administrative Region

26. ROAD CLASSIFICATION (if applicable)

N/A

27. IMPLEMENTING OFFICE (Record the Implementing Office of the proposed revised project)

Cordillera Administrative Region

17. PROJECT IMPLEMENTATION PLAN (PIP)

Planned Start Date **Planned End Date**
06/05/2024 04/30/2025

28. PROJECT IMPLEMENTATION PLAN (PIP)

Planned Start Date **Planned End Date**
06/05/2024 04/30/2025

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)

Change in Station Limits in the Project Description and Increase in physical target of CW1 - Construction of Flood Mitigation Structure from 820.497 Lineal meters to 1,050.000 Lineal meters due to the following:

- The change in station limits was deemed necessary to consider the actual critical sections along the river alignment requiring flood mitigation facilities. Moreover, additional flood control structure was proposed to the right side of the river in order to protect the properties and vegetable production areas which will be affected from the diverted flow of water from the construction of flood control structure on the left side.
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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, Hydraulic and Hydrologic Analysis, PIA, Master Plan, Certificate of No Overlapping and GIS Map.

33. PHOTOS SUBMITTED

NO YES

34. A MAP OF THE PROPOSED PROJECT WORK LOCATION SUBMITTED

NO YES

Tables for Modification Request Form

35. PREPARED BY:

Name:


ERLINDA F. DOLIENTE

Position:

Chief, Planning Section

Office:

Planning and Design Division

Date:

36. REVIEWED BY DISTRICT OFFICE (If Required)

Name:

Position:

Date:

37. RECOMMENDED BY DISTRICT OFFICE (If Required)

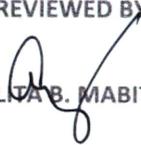
Name:

Position:

Date:

38. REVIEWED BY REGIONAL OFFICE

Name:


ANGELITA B. MABITAZAN

Position:

 Chief, Planning and Design Division

Date:

39. RECOMMENDED BY REGIONAL OFFICE

Name:


KHADAFFY D. TANGGOL

Position:

Regional Director

Date:

Tables for Modification Request Form

UACS (Unified Account Code Structure as defined in GAA)

320101110511000

Project Id

P00823329LZ

40. DPWH OFFICE OF THE UNDERSECRETARIES FOR OPERATIONS

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

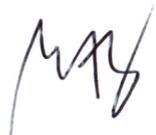
Category A	Category B	Category C	Category D	Impact
<input type="checkbox"/> Typographical error on Project Description	<input type="checkbox"/> Overlapping Sections <input type="checkbox"/> Change in Station Limits <input type="checkbox"/> Change in Physical Target	<input type="checkbox"/> No such Barangay <input type="checkbox"/> No such City or Municipality	<input type="checkbox"/> Change in (IO), requiring a change in the (OU)	<input type="checkbox"/> No change or decrease in unit cost <input type="checkbox"/> 20% or less increase in unit cost <input type="checkbox"/> > 20% increase in unit cost

Reviewed by Office of the Undersecretary for Operations

Name: Engr. MANUEL L. SINGSON

Name: Engr. ANTONIO V. SOBREVIÑAS, JR.

Signature

Position: Project Manager I

Position: Project Manager II

Date:

4/4/24

4/2/24

41. DPWH PLANNING SERVICE

Category of Modification
(please check the appropriate)

- Category A – Typographical Error
- Category B – Change in Station Limits
- Category C – Change in Location, due to non-existing location
- Category D – Change in Operating Unit (requires DBM approval)
- Modification does not comply with DBM Categories

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:

Date: