



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

May 16, 2023

**MEMORANDUM**

**TO :** **KHADAFFY D. TANGGOL**  
Regional Director  
DPWH-Cordillera Administrative Region (CAR)  
Engineer's Hill, Baguio City

**ATTENTION :** **ROMMEL N. BALAJO**  
District Engineer  
Ifugao 2<sup>nd</sup> District Engineering Office  
Galunugon, Aguinaldo, Ifugao

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

1. OO2: Protect Lives and Properties Against Major Floods - Flood Management Program – Construction/ Maintenance of Flood Mitigation Structures and Drainage Systems - *Construction of Mapacopaco Flood Control, Sta. 41 + 902 - Sta. 42 + 170 (RS), Sta. 42 + 667 - Sta 43+527 (RS), Posnaan Aguinaldo, Ifugao* ----- **P60,000,000.00**

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.

**ADOR G. CANLAS**

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

2.3 aap/AVS/AGC/ERP



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

March 30, 2023

**MEMORANDUM**

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

This refers to the memorandum dated 24 March 2023 of **DPWH Region CAR Director KHADAFFY D. TANGGOL**, endorsing the request of **District Engineer Rommel N. Balajo, Ifugao Second 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. 320101108776000 Project ID: P00725654LZ					
OO2: Protect Lives and Properties Against Major Floods - Flood Management Program – Construction/ Maintenance of Flood Mitigation Structures and Drainage Systems			OO2: Protect Lives and Properties Against Major Floods - Flood Management Program – Construction/ Maintenance of Flood Mitigation Structures and Drainage Systems		
Construction of Mapacopaco Flood Control, Sta. 41 + 670 - Sta. 42 + 170 (RS), Sta. 42 + 667 - Sta 43+527 (RS), Posnaan Aguinaldo, Ifugao			Construction of Mapacopaco Flood Control, Sta. 41 + 902 - Sta. 42 + 170 (RS), Sta. 42 + 667 - Sta 43+527 (RS), Posnaan Aguinaldo, Ifugao		
Physical Target	Unit Cost	Allocation	Physical Target	Unit Cost	Estimated Cost
CW1 - Construction of Flood Mitigation Structure/ 1,360 ln.m	₱ 42,573.53/ Ln.m.	₱ 57,900,000.00	CW1 - Construction of Flood Mitigation Structure/ 1,128 ln.m	₱ 51,329.79/ Ln.m.	₱ 57,900,000.00
EAO	-	₱ 2,100,000.00	EAO	-	₱ 2,100,000.00
Total:		₱ 60,000,000.00	Total:		₱ 60,000,000.00

**Justification:**

- Use of concrete/gabion*
- Increased in the unit cost/ decreased in the physical target based on the validated/ approved Detailed Unit Price Analysis (DUPA) and Program of Work (POW). The project that will be utilized is Gabion for sta. 41+902 – sta. 42+170 and concrete revetment for sta. 42+667 – sta. 43+527.
  - The change in project limit is to synchronize with the decreased in physical target.

Attached are the following supporting documents: Approved Program of Work (POW) with Detailed Unit Price Analysis (DUPA), Detailed Engineering Design (DED), Certificate of Availability of Fund (CAF), BP 202, Geotagged Photos, GIS Map and Certificate of No Overlapping (Certified by the District Engineer, Construction and Maintenance Division Chief).

*up of Cont of Cont*

*A*

*[Signature]*

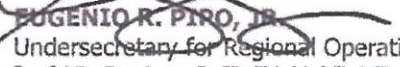
Based on our evaluation, the submitted request for modification of the said project is in order. Hence, the said request is hereby recommended for Secretary's consideration and approval.

  
**ADOR G. CANLAS**

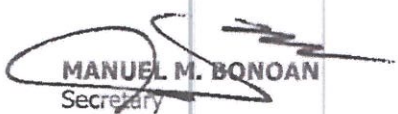
Assistant Secretary for Regional Operations  
In CAR, Regions I, II, IX, X, XI, XII and XIII

**RECOMMENDING APPROVAL:**

  
**MARIA CATALINA E. CABRAL, Ph.D., CESO 1**  
Undersecretary for Planning  
and Public-Private Partnership Services

  
**EUGENIO R. PIRO, 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/MLS//AVS/AGC/ERP

Department of Public Works and Highways  
Office of the Secretary



WIN3E02904



1346-010



CAR-085

11/14/24

### Programming Division Evaluation Sheet

Name of Project:

Project ID: **P00725654LZ**

Construction of Mapacopaco Flood Control, Sta. 41 + 670 - Sta. 42 + 170 (RS), Sta. 42 + 667 - Sta. 43 + 527 (RS), Posnaan, Aguineldo, Ifugao

Implementing Office: Ifugao 2nd District Engineering Office

Appropriation: 60,000,000

Date: 04/04/2023

#### 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  
A.2.5.2 ☐ Change in Scope of Work from \_\_\_\_\_ to \_\_\_\_\_  
A.2.5.3 ☐ Change in Component Amount  
A.2.5.4 ☐ Addition of Component (incl. EXC Component)  
A.2.5.5 ☐ Deletion of Component  
A.2.5.6 ☐ Movement of Funds between Components

DPWH - OSEC  
**RECEIVED**  
MAY 15 2023  
By \_\_\_\_\_ Time 9:29  
Control No.: 72-08120  
ITS No.: 0189

#### B. EVALUATION

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

#### C. FUND SOURCE FY 2023 GAA, R.A. 11936

- C.1 ☐ for issuance of SARO ( ☐ Released ☐ Unreleased )  
C.2 ☒ released thru GAAAO

Amount: \_\_\_\_\_  
60,000,000

#### D. IMPACT:

- D.1 Condition/s: \_\_\_\_\_ % decrease in unit cost  
20.57 % increase in unit cost  
17.06 % decrease in physical target  
\_\_\_\_\_ % increase in physical target

- D.2 ☐ Additional Project Component  
D.3 ☒ Certificate of Cost Reasonableness by RD

D.4 Remarks:

#### E. Approving Authority as per D.O. 13, s. 2023, Guidelines on Modification of Allotment under the GAA

- E.1 ☐ Undersecretary for Operations  
E.2 ☒ Secretary

Evaluated By:

ALEX E. BOTE

Director, Planning Service

Noted By:

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

ACTION SLIP

Project ID: **P00725654LZ**

Date: \_\_\_\_\_

FOR THE SECRETARY

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  
**IFUGAO SECOND**  
**DISTRICT ENGINEERING OFFICE**  
CORDILLERA ADMINISTRATIVE REGION  
Aguinaldo, Ifugao

March 13, 2023

**MEMORANDUM**

**FOR** : **KHADAFFY D. TANGGOL**  
Regional Director

**THRU** : **ANGELITA B. MABITAZAN**  
Chief, Planning and Design Division

**SUBJECT** : **Modification of FY 2023 General Appropriations Act (GAA)**

We are respectfully submitting for review and evaluation the Modification of the project: **Flood Management Program - Construction / Maintenance of Flood Mitigation Structures and Drainages Systems - Construction of Mapacopaco Flood Control, Sta. 41 + 670 - Sta. 42 + 170 (RS), Sta. 42 + 667 - Sta 43+527 (RS), Posnaan Aguinaldo, Ifugao**, under FY 2023 DPWH Infrastructure Program based on the General Appropriations Act (GAA) R.A.11936.

FROM	TO
Construction of Mapacopaco Flood Control, Sta. 41 + <b>670</b> - Sta. 42 + 170 (RS), Sta. 42 + 667 - Sta 43+527 (RS), Posnaan Aguinaldo, Ifugao	Construction of Mapacopaco Flood Control, Sta. 41 + <b>902</b> - Sta. 42 + 170 (RS), Sta. 42 + 667 - Sta 43+527 (RS), Posnaan Aguinaldo, Ifugao
<b>ALLOCATION</b>	<b>ALLOCATION</b>
CW1 = Php 57,900,000.00	CW1 = Php 57,900,000.00
EAO = Php 2,100,000.00	EAO = Php 2,100,000.00
TOTAL = Php 60,000,000.00	TOTAL = Php 60,000,000.00
<b>PHYSICAL TARGET</b>	
CW1 = <b>1,360 ln.m</b>	CW1 = <b>1,128 ln.m</b>

Attached are pertinent documents duly accomplished based on the required "Form for Modification Request (2019, V3.0)".

**ROMMEL N. BALAJO**  
District Engineer

X

CAR.13.1 CLO/EAC/AOD





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

March 24, 2023

**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/ Maintenance of Flood Mitigation Structures and Drainage Systems – Construction of Mapacopaco Flood Control, Sta. 41 + 670 - Sta. 42 + 170 (RS), Sta. 42 + 667 - Sta 43+527 (RS), Posnaan Aguinaldo, Ifugao**

We are respectfully forwarding the Memorandum dated March 13, 2023 from District Engineer Rommel N. Balajo, Ifugao Second District Engineering Office, regarding the modification of the above project in the amount of **Sixty Million Pesos (Php 60,000,000.00)** as indicated below:

	FROM	TO
Project ID	P00725654LZ	
Project Title	OO2: Protect Lives and Properties Against Major Floods – Flood Management Program – Construction/ Maintenance of Flood Mitigation Structures and Drainage Systems – Construction of Mapacopaco Flood Control, Sta. 41 + <b>670</b> - Sta. 42 + 170 (RS), Sta. 42 + 667 - Sta 43+527 (RS), Posnaan Aguinaldo, Ifugao	OO2: Protect Lives and Properties Against Major Floods – Flood Management Program – Construction/ Maintenance of Flood Mitigation Structures and Drainage Systems – Construction of Mapacopaco Flood Control, Sta. 41 + <b>902</b> - Sta. 42 + 170 (RS), Sta. 42 + 667 - Sta 43+527 (RS), Posnaan Aguinaldo, Ifugao
Type of Work	Construction of Flood Mitigation Structure	Construction of Flood Mitigation Structure
Physical Target	<b>1,360.00</b> Lineal Meters	<b>1,128.00</b> Lineal Meters
Allocation	Php 60,000,000.00	Php 60,000,000.00

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 LMC/efd/jwc/abm

## CHECKLIST

### PROJECT MODIFICATION

Implementing Office : **Ifugao Second District Engineering Office**  
Project Name/Location : **Construction / Maintenance of Flood Mitigation Structures and Drainages Systems - Construction of Mapacopaco Flood Control, Sta. 41 + 902 - Sta. 42 + 170 (RS), Sta. 42 + 667 - Sta 43+527 (RS), Posnaan Aguinaldo, Ifugao**  
Project ID : **P00725654LZ** UACS Code : **320101108776000**  
Project Allocation : **Php60,000,000.00**

- ☒ **1. Modification Request Form**
- ☒ **2. AIP**
- ☒ **3. Certificate of Availability of Funds**
- ☒ **4. Supporting Data & Analysis**
  - ☒ a. Road Condition (RBIA Latest Official Database )
  - ☒ b. Traffic Volume Capacity Ratio (for Widening Projects )
  - ☒ c. Bridge Condition (BMS Latest Official Database )
  - ☒ d. Hydraulic & Hydrologic Analysis (for New/Replacement Bridges and Flood Control Projects )
  - ☒ e. RSM Forms (for Road Slips )
  - ☒ f. Project Impact Analysis (for Flood Control Projects )
  - ☒ g. Master Plan (for Flood Control Projects )
- ☒ **5. BP 202**
- ☒ **6. Geotagged Photos**
  - ☒ a. Hard Copy
  - ☒ b. Electronic Copy
  - ☒ c. Plotted in the GIS Map
- ☒ **7. Certificate of No Overlapping**
  - ☒ a. District Engineer
  - ☒ b. Construction and Maintenance Division Chiefs
- ☒ **8. ROW Clearance**
  - ☒ a. District Engineer
  - ☒ b. LGU
- ☒ **9. Environmental Clearances**
  - ☒ a. Not Within a "No Build Zone" (MGB )
  - ☒ b. Tree Cutting Permit (If Applicable-EMB )
  - ☒ c. CNC/ECC/EIA (EMB )
- ☒ **10. Social Clearance (not within a Declared Heritage/Cultural Site-NCCA )**
- ☒ **11. Certificate of Reasonableness (for Projects with Changes in Unit Cost )**
- ☒ **12. Project Details**
  - ☒ a. POW
  - ☒ b. DUPA
  - c. Plans
    - ☒ 1. Coverpage
    - ☒ 2. Summary of Quantities
    - ☒ 3. Cross Section Showing Changes (if Applicable )
  - ☒ d. Materials Source Map
- ☒ **13. Certificate of Local Government Unit**

Checked by:

  
**ERLINDA A. DOLIENTE**  
Engineer III  
Chief, Planning Section



## Modification Request Form

### A. GENERAL

**1. REGION**

Cordillera Administrative Region

**2. DEO**

Ifugao Second District Engineering Office

**3. LEGISLATIVE DISTRICT**

Ifugao Lone District

### B. ORIGINAL PROJECT

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

320101108776000

**5. Project Id**

P00725654LZ

**6. Project Category**

OO2: Protect Lives and Properties

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

Construction/ Maintenance of Flood Mitigation Structures and Drainage Systems

**8. Operating Unit**

Central Office

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

Component ID	Type of Work
P00725654LZ-CW1	Construction of Flood Mitigation Structure
P00725654LZ-EAO	

**10. PROJECT DESCRIPTION** (as recorded in GAA)

Construction of Mapacopaco Flood Control, Sta. 41 + 670 - Sta. 42 + 170 (RS), Sta. 42 + 667 - Sta 43+527 (RS), Posnaan Aguinaldo, Ifugao

**11. ALLOTMENT (P'000)** (as recorded in GAA)

60,000.00

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

Component ID	Target	Target Unit
P00725654LZ-CW1	1,360.00	Lineal Meters (lm)
P00725654LZ-EAO		

**13. UNIT COST** (Enter Details for all Components below)

Component ID	Component Cost (P'000)	Target Unit Cost (P'000/Target Unit)
P00725654LZ-CW1	57,900.00	42.573
P00725654LZ-EAO	2,100.00	

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

Start X	121.441021	End X	121.438
Start Y	16.928846	End Y	16.92548

**15. ROAD CLASSIFICATION** (if applicable)

N/A

### C. PROPOSED REVISED PROJECT

**18. Operating Unit** (Change subject to DBM approval)

Central Office

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

Component ID	Type of Work
P00725654LZ-CW1	Construction of Flood Mitigation Structure
P00725654LZ-EAO	

**20. PROJECT DESCRIPTION** (of the revised project)

Construction of Mapacopaco Flood Control, Sta. 41 + 902 - Sta. 42 + 170 (RS), Sta. 42 + 667 - Sta 43+527 (RS), Posnaan Aguinaldo, Ifugao

**21. REVISED ESTIMATED COST (P'000)** (Equal to, or lower than GAA allotment)

60,000.00

**22. CAF** (To be obtained from Financial Management office)

☒ YES

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

Component ID	Target	Target Unit
P00725654LZ-CW1	1,128.00	Lineal Meters (lm)
P00725654LZ-EAO		

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

Component ID	Component Cost (P'000)	Target Unit Cost (P'000/Target Unit)
P00725654LZ-CW1	57,900.00	51.330
P00725654LZ-EAO	2,100.00	

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

Start X	121.438940	End X	121.438
Start Y	16.928338	End Y	16.92548

**26. ROAD CLASSIFICATION** (if applicable)

N/A



## Modification Request Form

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

Ifugao Second District Engineering Office

**17. PROJECT IMPLEMENTATION PLAN (PIP)**

Planned Start Date

March 9, 2023

Planned End Date

August 11, 2023

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

Ifugao Second District Engineering Office

**28. PROJECT IMPLEMENTATION PLAN (PIP)**

Planned Start Date

May 15, 2023

Planned End Date

October 16, 2023

**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)

- Increased in the unit cost/ decreased in the physical target based on the validated/ approved Detailed Unit Price Analysis (DUPA) and Program of Work (POW). The project that will be utilized is Gabion for sta. 41+902 – sta. 42+170 and concrete revetment for sta. 42+667 – sta. 43+527.
- The change in project limit is to synchronize with the increased in physical target.

Attached are the following supporting documents: Approved Program of Work (POW) with Detailed Unit Price Analysis (DUPA), Detailed Engineering Design (DED), Certificate of Availability of Fund (CAF), BP 202, Geotagged Photos, GIS Map and Certificate of No Overlapping (Certified by the District Engineer, Construction and Maintenance Division Chief).

**33. PHOTOS SUBMITTED**

☐ NO

☒ YES

**34. A MAP OF THE PROPOSED PROJECT WORK LOCATION SUBMITTED**

☐ NO

☒ YES

## Modification Request Form

35. PREPARED BY:

Name: **CARLINTON L. QUIENCIO** Position: **Engineer II**  
Office: **Ifugao Second District Engineering Office** Date:

36. REVIEWED BY DISTRICT OFFICE (If Required)

Name: **EDWARD A. CARINO**  
Position: **Chief of Planning and Design Section**  
Date:

38. REVIEWED BY REGIONAL OFFICE

Name: **ANGELITA B. MABITAZAN**  
Position: **Chief of Planning and Design Division**

Date:

37. RECOMMENDED BY DISTRICT OFFICE (If Required)

Name: **ROMMEL N. BALAJO**  
Position: **District Engineer**  
Date:

39. RECOMMENDED BY REGIONAL OFFICE

Name: **KHARAFY D. TANGGOL**  
Position: **Regional Director**  
Date:

## Modification Request Form

UACS (Unified Account Code Structure as defined in GAA)

320101108776000

Project Id

P00725654LZ

### 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 checked="" type="checkbox"/> Change in Station Limits <input checked="" 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 checked="" 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

Signature:

Position: Project Manager I

Date:

3/30/23

Name:

Engr. ANTONIO V. SOBREVINAS, JR.

Signature:

Position:

Project Manager II

Date:

3/30/23

### 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

Signature

Position: CAR - Regional Coordinator

Date:

04-04-23

Name:

PETER PAUL R. CORTEZ

Signature:

Position:

OIC - Chief of Programming Division

Date: