



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

March 31, 2023

**MEMORANDUM**

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

**ATTENTION :** **RONALYN P. UBIÑA**  
District Engineer  
Apayao Second District Engineering Office  
San Isidro Sur, Luna, Apayao

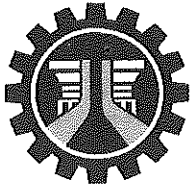
Transmitted herewith is the **APPROVED** request for the **modification** of hereunder stated project:

1. OO2: Protect Lives and Properties Against Major Floods - Flood Management Program - Construction/Rehabilitation of Flood Mitigation Facilities within Major River Basins and Principal Rivers Construction of Apayao - Abulug River Basin Flood Control Structure, San Mariano Section, **Sta. 24 + 384** - Sta. 24 + 884 (L/S), Sta. Marcela, Apayao - - - **P90,000,000.00**

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/AGC/ERP



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

March 31, 2023

**MEMORANDUM**

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

**ATTENTION :** **RONALYN P. UBIÑA**  
District Engineer  
Apayao Second District Engineering Office  
San Isidro Sur, Luna, Apayao

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/Rehabilitation of Flood Mitigation Facilities within Major River Basins and Principal Rivers Construction of Apayao - Abulug River Basin Flood Control Structure, San Mariano Section, **Sta. 24 + 384** - Sta. 24 + 884 (L/S), Sta. Marcela, Apayao - - - **P90,000,000.00**

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/AGC/ERP

Undersecretary for Planning and PPP Services





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

March 27, 2023

**MEMORANDUM**

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

This refers to the memorandum dated 23 March 2023 of **DPWH CAR Regional Director KHADAFFY D. TANGGOL**, endorsing the request of **District Engineer RONALYN P. UBIÑA, Apayao Second District Engineering Office**, for the **modification** of the project under FY 2023 GAA, to wit;

As per GAA/Original			As Modified		
Project Description					
<b>UACS No. 320102105221000</b> <b>Project ID: P00726401LZ</b>					
Organizational Outcome 2: Protect Lives and Properties Against Major Floods - Flood Management Program - Construction/Rehabilitation of Flood Mitigation Facilities within Major River Basins and Principal Rivers			Organizational Outcome 2: Protect Lives and Properties Against Major Floods - Flood Management Program - Construction/Rehabilitation of Flood Mitigation Facilities within Major River Basins and Principal Rivers		
Construction of Apayao-Abulug River Basin Flood Control Structure, San Mariano Section, Sta. 24 + 264 - Sta. 24 + 884 (L/S), Sta. Marcela, Apayao			Construction of Apayao - Abulug River Basin Flood Control Structure, San Mariano Section, <b>Sta. 24 + 384</b> - Sta. 24 + 884 (L/S), Sta. Marcela, Apayao		
Type of Work/ Physical Target	Unit Cost	Allocation	Type of Work/ Physical Target	Unit Cost	Estimated Cost
CW1- Construction of Flood Mitigation Structure / 620 Lineal Meters	₱ 140,080.64 / Lineal Meters	₱ 86,850,000.00	CW1 Construction of Flood Mitigation Structure / <b>500</b> Lineal Meters	₱ <b>173,700.00</b> / Lineal Meters	86,850,000.00
EAO	–	₱ 3,150,000.00	EAO	–	₱ 3,150,000.00
<b>Total:</b>		<b>₱ 90,000,000.00</b>	<b>Total:</b>		<b>₱ 90,000,000.00</b>

**Justification:**

The project has to be modified in view of the following:

- The increase in the unit cost / decrease in the Physical target is attributed to the inclusion of Item 1407 (4) Hexapad, Item 1704(1)a - Embankment (From roadway/ structure excavation), Item 1712(2)- Concrete (Slope Protection) and **Item 1717(2)a1- Sheet Piles (Steel/Slope Protection)** in the Program of Work (POW).
- The project is a concrete revetment flood control structure with sheet piles in order to prevent bank collapse along Apayao River Basin which includes major Item of Works such as Item 404(1)a Reinforcing Steel Bars (Grade 40), Item 404(1)b Reinforcing Steel Bar (Grade 60) and Item 405(1)a3 Structural Concrete (Class A, 20.68 Mpa, 28 Days).
- The project station has been changed to be synchronize with the decrease in the physical target.

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, GIS Map and Certification of No overlapping (Certified by the District Engineer, Construction and Maintenance Division Chief).

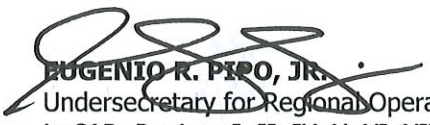
Based on our evaluation, the submitted request for modification of the said project is in order; hence, approval hereof is recommended.

**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 I**  
Undersecretary for Planning  
and Public-Private Partnership Services

  
**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/MLS/AVS/AGC/ERP

Department of Public Works and Highways  
Office of the Secretary



WIN3E02702





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

March 27, 2023

**MEMORANDUM**

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

This refers to the memorandum dated 23 March 2023 of **DPWH CAR Regional Director KHADAFFY D. TANGGOL**, endorsing the request of **District Engineer RONALYN P. UBIÑA, Apayao Second District Engineering Office**, for the **modification** of the project under FY 2023 GAA, to wit;

As per GAA/Original			As Modified		
Project Description			Project Description		
<b>UACS No. 320102105221000</b> <b>Project ID: P00726401LZ</b>  Organizational Outcome 2: Protect Lives and Properties Against Major Floods - Flood Management Program - Construction/Rehabilitation of Flood Mitigation Facilities within Major River Basins and Principal Rivers  Construction of Apayao-Abulug River Basin Flood Control Structure, San Mariano Section, Sta. 24 + 264 - Sta. 24 + 884 (L/S), Sta. Marcela, Apayao			Organizational Outcome 2: Protect Lives and Properties Against Major Floods - Flood Management Program - Construction/Rehabilitation of Flood Mitigation Facilities within Major River Basins and Principal Rivers  Construction of Apayao - Abulug River Basin Flood Control Structure, San Mariano Section, <b>Sta. 24 + 384</b> - Sta. 24 + 884 (L/S), Sta. Marcela, Apayao		
Type of Work/ Physical Target	Unit Cost	Allocation	Type of Work/ Physical Target	Unit Cost	Estimated Cost
CW1- Construction of Flood Mitigation Structure / 620 Lineal Meters	₱ 140,080.64 / Lineal Meters	₱ 86,850,000.00	CW1 Construction of Flood Mitigation Structure / <b>500</b> Lineal Meters	<b>₱ 173,700.00 /</b> Lineal Meters	86,850,000.00
EAO	-	₱ 3,150,000.00	EAO	-	₱ 3,150,000.00
<b>Total:</b>		<b>₱ 90,000,000.00</b>	<b>Total:</b>		<b>₱ 90,000,000.00</b>

**Justification:**

The project has to be modified in view of the following:

- The increase in the unit cost / decrease in the Physical target is attributed to the inclusion of Item 1407 (4) Hexapad, Item 1704(1)a - Embankment (From roadway/ structure excavation), Item 1712(2)- Concrete (Slope Protection) and Item 1717(2)a1- Sheet Piles (Steel/Slope Protection) in the Program of Work (POW).
- The project is a concrete revetment flood control structure with sheet piles in order to prevent bank collapse along Apayao River Basin which includes major Item of Works such as Item 404(1)a Reinforcing Steel Bars (Grade 40), Item 404(1)b Reinforcing Steel Bar (Grade 60) and Item 405(1)a3 Structural Concrete (Class A, 20.68 Mpa, 28 Days).
- The project station has been changed to be synchronize with the decrease in the physical target.

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, GIS Map and Certification of No overlapping (Certified by the District Engineer, Construction and Maintenance Division Chief).


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

  
**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 I**  
Undersecretary for Planning  
and Public-Private Partnership Services

  
**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

03/29/13  
2.3 mksa/MLS/AVS/AGC/ERP





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

March 23, 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 the Modification of the Project: ORGANIZATIONAL OUTCOME 2 : Protect Lives and Properties Against Major Floods - Flood Management Program - Construction/ Rehabilitation of Flood Mitigation Facilities within Major River Basins and Principal Rivers - Construction of Apayao-Abulug River Basin Flood Control Structure, San Mariano Section, Sta. 24 + 264 - Sta. 24 + 884 (L/S), Sta. Marcela, Apayao**

We are respectfully forwarding the Memorandum dated March 20, 2023 from **District Engineer RONALYN P. UBINA, Apayao Second District Engineering Office**, the modification of the above project in the amount of **Ninety Million Pesos (Php 90,000,000.00)**, as indicated below:

	As per GAA/Original	As Modified
Project ID	<b>P00726401LZ</b>	
UACS	<b>320102105221000</b>	
Project Title	Construction of Apayao-Abulug River Basin Flood Control Structure, San Mariano Section, Sta. 24 + <b>264</b> - Sta. 24 + 884 (L/S), Sta. Marcela, Apayao	Construction of Apayao-Abulug River Basin Flood Control Structure, San Mariano Section, Sta. 24 + <b>384</b> - Sta. 24 + 884 (L/S), Sta. Marcela, Apayao
Physical Target	<b>620.000</b> Lineal meters	<b>500.000</b> 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 CSCE/LFD/JWC/ABM*





Republic of the Philippines  
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS  
**APAYAO SECOND**  
**DISTRICT ENGINEERING OFFICE**  
CORDILLERA ADMINISTRATIVE REGION  
San Isidro Sur, Luna, Apayao

March 20, 2023

**MEMORANDUM**

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

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

**SUBJECT :** **Request for the Modification of the CY 2023 Project:**  
**ORGANIZATIONAL OUTCOME 2: Protect Lives and Properties**  
**Against Major Floods - Flood Management - Program –**  
**Construction/ Rehabilitation of Flood Mitigation Facilities**  
**within Major River Basins and Principal Rivers - Construction**  
**of Apayao - Abulug River Basin Flood Control Structure, San -**  
**Mariano Section, Sta. 24 + 384 - Sta. 24 + 884 (L/S), Sta.**  
**Marcela, Apayao**

Respectfully submitted is the request for the modification of the above project in the amount of **PHP 90,000,000.00**, with details indicated below.

	<b>FROM</b>	<b>TO</b>
Project Description	Construction of Apayao - Abulug River Basin Flood Control Structure, San Mariano Section, <b>Sta. 24 + 264</b> - Sta. 24 + 884 (L/S), Sta. Marcela, Apayao	Construction of Apayao - Abulug River Basin Flood Control Structure, San Mariano Section, <b>Sta. 24 + 384</b> - Sta. 24 + 884 (L/S), Sta. Marcela, Apayao
Physical Target	CW1 – <b>620</b> Lineal Meters	CW1 – <b>500</b> Lineal meters

Attached are the supporting documents based on D.O No. 23, Series of 2023, "Amended Guidelines on Modification of Allotment under the General Appropriations Act (GAA)".

For your perusal,

  
**RONALYN P. UBIÑA**  
District Engineer

CAR.11.1 jad/HCH

# Modification Request Form

A. GENERAL							
<b>1. REGION</b> Cordillera Administrative Region		<b>2. DEO</b> Apayao Second District Engineering Office			<b>3. LEGISLATIVE DISTRICT</b> Apayao (Lone District)		
B. ORIGINAL PROJECT				C. PROPOSED REVISED PROJECT			
<b>4. UACS</b> (Unified Account Code Structure as defined in GAA) 320102105221000 ✓							
<b>5. Project Id</b> P00726401LZ ✓							
<b>6. Project Category</b> OO2: Protect Lives and Properties ✓							
<b>7. Sub-Program (P/A/P)</b> Construction/ Rehabilitation of Flood Mitigation Facilities within Major River Basins and Principal Rivers ✓							
<b>8. Operating Unit</b> Central Office				<b>18. Operating Unit</b> (Change subject to DBM approval) Central Office			
<b>9. Type of Work</b> (Enter Details for all Components below)				<b>19. Type of Work</b> (Enter Details for all Components below)			
<b>Component ID</b>	<b>Type of Work</b>			<b>Component ID</b>	<b>Type of Work</b>		
CW1	Construction of Flood Mitigation Structure ✓			CW1	Construction of Flood Mitigation Structure ✓		
EAO	Choose an item.			EAO	Choose an item.		
<b>10. PROJECT DESCRIPTION</b> (as recorded in GAA) Construction of Apayao-Abulug River Basin Flood Control Structure, San Mariano Section, Sta. 24 + 264 - Sta. 24 + 884 (L/S), Sta. Marcela, Apayao ✓				<b>20. PROJECT DESCRIPTION</b> (of the revised project) Construction of Apayao - Abulug River Basin Flood Control Structure, San Mariano Section, Sta. 24 + 384 - Sta. 24 + 884 (L/S), Sta. Marcela, Apayao ✓			
<b>11. ALLOTMENT (P'000)</b> (as recorded in GAA) 90,000 ✓				<b>21. REVISED ESTIMATED COST (P'000)</b> (Equal to, or lower than GAA allotment) 90,000 ✓		<b>22. CAF</b> (To be obtained from Financial Management office) <input checked="" type="checkbox"/> YES	
<b>12. PHYSICAL TARGET</b> (Enter Details for all Components below)				<b>23. PHYSICAL TARGET</b> (Enter Details for all Components below)			
<b>Component ID</b>	<b>Target</b>	<b>Target Unit</b>		<b>Component ID</b>	<b>Target</b>	<b>Target Unit</b>	
CW1	620.00	Lineal Meters (lm)		CW1	500.00	Lineal Meters (lm)	
EAO	Click here to enter text.	Choose an item.		EAO	Click here to enter text.	Choose an item.	
<b>13. UNIT COST</b> (Enter Details for all Components below)				<b>24. UNIT COST</b> (Enter Details for all Components below)			
<b>Component ID</b>	<b>Component Cost (P'000)</b>	<b>Target Unit Cost (P'000/Target Unit)</b>		<b>Component ID</b>	<b>Component Cost (P'000)</b>	<b>Target Unit Cost (P'000/Target Unit)</b>	
CW1	86,850 ✓	140.081/lineal meter ✓		CW1	86,850 ✓	173.70/lineal meter ✓	
EAO	3,150 ✓	Click here to enter text.		EAO	3,150 ✓	Click here to enter text.	
<b>14. PROJECT WORK LOCATION</b> (Must be defined in strict accordance with DO 65 Series 2014) Click here to enter text.				<b>25. PROJECT WORK LOCATION</b> (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.			
<b>Start X</b>	121.41487°	<b>End X</b>	121.41897°	<b>Start X</b>	121.41594°	<b>End X</b>	121.41897°
<b>Start Y</b>	18.27704°	<b>End Y</b>	18.27356°	<b>Start Y</b>	18.27672°	<b>End Y</b>	18.27356°



## Modification Request Form

<b>15. ROAD CLASSIFICATION</b> (if applicable) Choose an item.		<b>26. ROAD CLASSIFICATION</b> (if applicable) Choose an item.	
<b>16. IMPLEMENTING OFFICE</b> (Record the Implementing Office of the original project) Apayao Second District Engineering Office		<b>27. IMPLEMENTING OFFICE</b> (Record the Implementing Office of the proposed revised project) Apayao Second District Engineering Office	
<b>17. PROJECT IMPLEMENTATION PLAN (PIP)</b>		<b>28. PROJECT IMPLEMENTATION PLAN (PIP)</b>	
<b>Planned Start Date</b> April 3, 2023	<b>Planned End Date</b> January 28, 2024	<b>Planned Start Date</b> June 5, 2023	<b>Planned End Date</b> March 31, 2024
<b>29. OVERLAP?</b> <input type="checkbox"/> NO <input type="checkbox"/> YES		<b>30. UNDER WARRANTY?</b> <input type="checkbox"/> NO <input type="checkbox"/> 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)

The project has to be modified in view of the following:

- The increase in the unit cost / decrease in the Physical target is attributed to the inclusion of Item 1407 (4) Hexapad, Item 1704(1)a - Embankment (From roadway/ structure excavation), Item 1712(2)- Concrete (Slope Protection) and Item1717(2)a1- Sheet Piles (Steel/Slope Protection) in the Program of Work (POW).
- The project is a concrete revetment flood control structure with sheet piles in order to prevent bank collapse along Apayao River Basin which includes major Item of Works such as Item404(1)a Reinforcing Steel Bars (Grade 40), Item404(1)b Reinforcing Steel Bar (Grade 60) and Item405(1)a3 Structural Concrete (Class A,20.68 Mpa,28 Days).
- The project station has been changed to be synchronize with the decrease in the physical target.

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, GIS Map and Certification 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:	 HENDRICK D. UCOL	Position:	Engineer II
Office:	Planning and Design Section	Date:	3/20/2023


## 36. REVIEWED BY DISTRICT OFFICE (If Required)

Name:	 HOMERO C. HERMOSURA
Position:	Chief, Planning and Design Section
Date:	3/20/2023


## 38. REVIEWED BY REGIONAL OFFICE

Name:	 ANGELITA B. MABITAZAN
Position:	Chief, Planning and Design Division
Date:	

## 37. RECOMMENDED BY DISTRICT OFFICE (If Required)

Name:	 RONALYN P. UBIÑA
Position:	District Engineer
Date:	3/20/2023

## 39. RECOMMENDED BY REGIONAL OFFICE

Name:	 KHADAFFY D. TANGGOL
Position:	Regional Director
Date:	

## Modification Request Form

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

**320102105221000**

**Project Id**

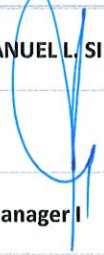
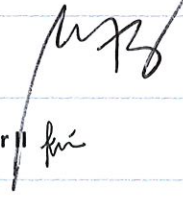
**P00726401LZ**

### 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 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

<b>Name:</b>	ENGR. MANUEL L. SINGSON	ENGR. ANTONIO V. SOBREVIÑAS, JR.
<b>Signature</b>		
<b>Position:</b>	Project Manager I	Project Manager II
<b>Date:</b>	3/28/23	

### 41. DPWH PLANNING SERVICE

<b>Category of Modification</b> (please check the appropriate)	<input type="checkbox"/> Category A – Typographical Error <input type="checkbox"/> Category B – Change in Station Limits <input type="checkbox"/> Category C – Change in Location, due to non-existing location <input type="checkbox"/> Category D – Change in Operating Unit (requires DBM approval) <input type="checkbox"/> Modification does not comply with DBM Categories
---	--

Reviewed by Planning Service

<b>Name:</b>	ENGR. ANNA ANDREA M. NOCHE	<b>Name:</b>	ENGR. PETER PAUL R. CORTEZ
<b>Signature</b>		<b>Signature:</b>	
<b>Position:</b>	CAR - Regional Coordinator	<b>Position:</b>	OIC - Chief of Programming Division
<b>Date:</b>	3/28/23	<b>Date:</b>	