



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

June 7, 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. Convergence and Special Support Program - Sustainable Infrastructure Projects Alleviating Gaps (SIPAG) - Flood Mitigation Structures protecting Public Infrastructures/Facilities Construction of Flood Control Structure along Apayao River Basin, Cadaclan Section, Calanasan, Apayao - - - **₱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.

ADOR G. CANLAS

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

2.3 mksa/KVS/AGC/ERP



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DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
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2.3 mksa/AVS/AGC/ERP

**Programming Division Evaluation Sheet**

Name of Project:

Construction of Flood Control Structure along Apayao River Basin, Cadaclan Section, Calanasan, Apayao

Project ID: P00735965LZ

Appropriation: 100,000,000

Implementing Office: Apayao 2nd District Engineering Office

Date: 05/12/2023

A. TYPE OF REQUEST**A.1** ☐ **Change in Implementing Office/Operating Unit due to**A.1.1 ☐ Geographical JurisdictionA.1.2 ☐ Approval of Authority to Bid/Implement**A.2** ☒ **PROJECT MODIFICATION/ADJUSTMENTS**A.2.1 ☐ Typographical Error/sA.2.2 ☐ Change in Location (for non-existent locations only)A.2.3 ☐ Change in Station LimitsA.2.4 ☐ Addition/Deletion of Word/sA.2.5 ☒ Change in Project Component/s DetailsA.2.5.1 ☒ Change in TargetsA.2.5.2 ☐ Change in Scope of Work from _____
to _____A.2.5.3 ☐ Change in Component AmountA.2.5.4 ☐ Addition of Component (incl. EXC Component)A.2.5.5 ☐ Deletion of ComponentA.2.5.6 ☐ Movement of Funds between Components**B. EVALUATION**B.1 ☒ ALLOWED as per the GAA ProvisionsB.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)

Amount: _____

C.2 ☒ released thru GAAAO

100,000,000

D. IMPACT:

D.1 Condition/s: 24.03 % decrease in unit cost
- % increase in unit cost
- % decrease in physical target
31.63 % increase in physical target

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

D.4 Remarks: Increase in Physical Target

E. Approving Authority as per D.O. 13, s. 2023, Guidelines on Modification of Allotment under the GAAE.1 ☒ Undersecretary for OperationsE.2 ☐ Secretary

Evaluated By:

ALEX G. BOTE

Director, Planning Service

Noted By:

CONSTANTE A. LLANES, JR., CESO III

Assistant Secretary, Planning Service

ACTION SLIP

Project ID: P00735965LZ

Date: _____

FOR: USEC FOR OPERATIONS

☐ RRB☐ ERP☐ EKS

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
OFFICE OF THE SECRETARY
Manila

May 11, 2023

MEMORANDUM

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

This refers to the memorandum dated April 28, 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					
UACS No. 300219101306000 Project ID: P00735965LZ Convergence and Special Support Program- Sustainable Infrastructure Projects Alleviating Gaps (SIPAG) - Flood Mitigation Structures protecting Public Infrastructures/Facilities Construction of Flood Control Structure along Apayao River Basin, Cadaclan Section, Calanasan, Apayao			 Convergence and Special Support Program- Sustainable Infrastructure Projects Alleviating Gaps (SIPAG) - Flood Mitigation Structures protecting Public Infrastructures/Facilities Construction of Flood Control Structure along Apayao River Basin, Cadaclan Section, Calanasan, Apayao		
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 Meter	₱ 117,611.64/ Lineal Meter	₱ 96,500,000.00	CW1- Construction of Flood Mitigation Structure/ 1,080 Lineal Meter	₱ 89,351.85/ Lineal Meter	₱ 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:

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

- The increase in the physical target/ decrease in unit cost is due to change of design structure from concrete revetment to gabion revetment structure.
- The substantial unit cost is due to PART J-A, Flood Control and Drainage earthworks, consisting 38.31% of the Total Direct Cost. The scope of work includes massive structure excavation, dredging using backhoe on bank, embankment (from roadway / structure excavation) and aggregate subbase incorporated in the program. Also, 58.54% of total direct cost was accounted to PART J-B, Flood Control and Drainage including Bank and Slope Protection Structures which includes the use of 1m x 1m x 2m metallic coated gabions, 0.3m x 2mx 6m metallic coated mattresses and filter cloth. The structure is a 7-meter-high gabion flood mitigation structure with massive embankment/backfill to protect river bank and to contain the waterway. (Refer to the attached Plan)
- The derived unit cost is based on approved Detailed Unit Price Analysis (DUPA) and Program of Work (POW).

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

APPROVED/~~DISAPPROVED~~:



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



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

May 11, 2023

MEMORANDUM

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

This refers to the memorandum dated April 28, 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					
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EAO	–	₱ 3,500,000.00	EAO	–	₱ 3,500,000.00
Total:		₱ 100,000,000.00	Total:		₱ 100,000,000.00

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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



APPROVED / ~~DISAPPROVED~~


EUGENIO R. PIPO, JR.

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

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

April 28, 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: CONVERGENCE AND SPECIAL SUPPORT PROGRAM - Sustainable Infrastructure Projects Alleviating Gaps (SIPAG) - Flood Mitigation Structures protecting Public Infrastructures/Facilities - Construction of Flood Control Structure along Apayao River Basin, Cadaclan Section, Calanasan, Apayao

We are respectfully forwarding the Memorandum dated April 28, 2023 from **District Engineer RONALYN P. UBIÑA, Apayao Second District Engineering Office**, regarding the above subject in the amount of **One Hundred Million Pesos (Php 100,000,000.00)**, as indicated below:

	As per GAA/Original	As Modified
Project ID	P00735965LZ	
UACS	300219101306000	
Physical Target	820.497 Lineal meters	1,080.000 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/EFD/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

April 28, 2023

MEMORANDUM

FOR : **KHADAFFY D. TANGGOL, CESO IV**
Regional Director

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

SUBJECT : **Request for the Modification of the CY 2023 Project:**
CONVERGENCE AND SPECIAL SUPPORT PROGRAM: Sustainable
Infrastructure Projects Alleviating Gaps (SIPAG) - Flood
Mitigation Structures Protecting Public Infrastructures / Facilities
- Construction of Flood Control Structure along Apayao River
Basin, Cadaclan Section, Calanasan, Apayao

Respectfully submitted is the request for the modification of the above project in the amount of **PHP 100,000,000.00**, with details indicated below.

	FROM	TO
Project Title	Construction of Flood Control Structure along Apayao River Basin, Cadaclan Section, Calanasan, Apayao	Construction of Flood Control Structure along Apayao River Basin, Cadaclan Section, Calanasan, Apayao
Physical Target	CW1 – 820.497 Lineal Meters	CW1 – 1,080 Lineal meters

Attached are the supporting documents based on D.O No. 37, Series of 2018, Guidelines on Project Modification and Augmentation under the General Appropriations Act (GAA)".

For your perusal,


RONALYN P. UBIÑA
District Engineer

CAR.11.1 JAD/HCH



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

April 28, 2023

MEMORANDUM

FOR : **KHADAFFY D. TANGGOL, CESO IV**
Regional Director

ATTENTION : **ANGELITA B. MABITAZAN**
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For your perusal,


RONALYN P. UBIÑA
District Engineer

CAR.11.1 JAD/HCH



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

April 28, 2023

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FOR : **KHADAFFY D. TANGGOL, CESO IV**
Regional Director

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For your perusal,


RONALYN P. UBIÑA
District Engineer

CAR.11.1 JAD/HCH

CHECKLIST
PROJECT MODIFICATION

Implementing Office : **Apayao Second District Engineering Office**
Project Name/Location : **CONVERGENCE AND SPECIAL SUPPORT PROGRAM - Sustainable Infrastructure Projects**
Alleviating Gaps (SIPAG) - Flood Mitigation Structures protecting Public
Infrastructures/Facilities - Construction of Flood Control Structure along Apayao River
Basin, Cadaclan Section, Calanasan, Apayao
Project ID : **P00735965LZ** UACS Code : **300219101306000**
Project Allocation : **Php 100,000,000.00**

- ☒ 1. Modification Request Form
- ☒ 2. Certificate of Availability of Funds
3. 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)
- ☐ e. RSM Forms (for Road Slips)
- ☒ f. Project Impact Analysis (for Flood Control Projects)
- ☒ g. Master Plan (for Flood Control Projects)

☒ 4. BP 202

5. Geotagged Photos

- ☒ a. Hard Copy
- ☒ b. Electronic Copy
- ☒ c. Plotted in the GIS Map

6. Certificate of No Overlapping

- ☒ a. District Engineer
- ☐ b. Construction and Maintenance Division Chiefs

7. ROW Clearance

- ☒ a. District Engineer
- ☐ b. LGU

8. Environmental Clearances

- ☐ a. Not Within a "No Build Zone" (MGB)
- ☒ b. Tree Cutting Permit (If Applicable-EMB)
- ☐ c. CNC/ECC/EIA (EMB)

☐ 9. Social Clearance (not within a Declared Heritage/Cultural Site-NCCA)

☒ 10. Certificate of Reasonableness (for Projects with Changes in Unit Cost)

11. 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

Checked by:


ERLINDA F. DOLIENTE
Engineer III
Chief, Planning Section

1. Modification Request Form



Modification Request Form

A. GENERAL							
1. REGION Cordillera Administrative Region		2. DEO Apayao Second District Engineering Office			3. LEGISLATIVE DISTRICT Apayao (Lone District)		
B. ORIGINAL PROJECT				C. PROPOSED REVISED PROJECT			
4. UACS (Unified Account Code Structure as defined in GAA) 300219101306000							
5. Project Id P00735965LZ							
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 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	
CW1		Construction of Flood Mitigation Structure		CW1		Construction of Flood Mitigation Structure	
EAO		Choose an item.		EAO		Choose an item.	
10. PROJECT DESCRIPTION (as recorded in GAA) Construction of Flood Control Structure along Apayao River Basin, Cadaclan Section, Calanasan, Apayao				20. PROJECT DESCRIPTION (of the revised project) Construction of Flood Control Structure along Apayao River Basin, Cadaclan Section, Calanasan, Apayao			
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	Target Unit	Component ID		Target	Target Unit
CW1		820.497 ✓	Lineal Meters (lm)	CW1		1,080.00 ✓	Lineal Meters (lm)
EAO		Click here to enter text.	Choose an item.	EAO		Click here to enter text.	Choose an item.
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)
CW1		96,500 ✓	117.612/ Lineal Meters (lm) ✓	CW1		96,500 ✓	89.352 / Lineal Meters (lm) ✓
EAO		3,500 ✓	Click here to enter text.	EAO		3,500 ✓	Click here to enter text.
14. PROJECT WORK LOCATION (Must be defined in strict accordance with DO 65 Series 2014) Click here to enter text.				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		121.18986'	End X	121.18763'	Start X		121.18986'
Start Y		18.42909'	End Y	18.43817'	Start Y		18.42909'
End X		121.18763'	End Y	18.43817'	End X		121.18763'
End Y		18.43817'	End X	121.18763'	End Y		18.43817'

Modification Request Form

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) Apayao Second District Engineering Office		27. IMPLEMENTING OFFICE (Record the Implementing Office of the proposed revised project) Apayao Second District Engineering Office	
17. PROJECT IMPLEMENTATION PLAN (PIP)		28. PROJECT IMPLEMENTATION PLAN (PIP)	
Planned Start Date March 13, 2023	Planned End Date February 6, 2024	Planned Start Date June 5, 2023	Planned End Date April 30, 2024
29. OVERLAP? <input type="checkbox"/> NO <input type="checkbox"/> YES		30. UNDER WARRANTY? <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:

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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:	4/28/2023


36. REVIEWED BY DISTRICT OFFICE (If Required)

Name:	 HOMERO C. HERMOSURA
Position:	Chief, Planning and Design Section
Date:	4/28/2023

38. REVIEWED BY REGIONAL OFFICE

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

37. RECOMMENDED BY DISTRICT OFFICE (If Required)

Name:	 RONALYN P. UBIÑA
Position:	District Engineer
Date:	4/28/2023

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)

300219101306000

Project Id


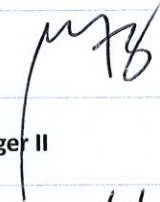
P00735965LZ

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	ENGR. ANTONIO V. SOBREVÍÑAS, JR.
Signature		
Position:	Project Manager I	Project Manager II
Date:	5/11/22	5/11/23

41. DPWH PLANNING SERVICE

Category of Modification (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
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Reviewed by Planning Service

Name:	ENGR. ANNA ANDREA M. NOCHE	Name:	ENGR. PETER PAUL R. CORTEZ
Signature		Signature:	
Position:	CAR - Regional Coordinator	Position:	OIC - Chief of Programming Division
Date:	5/12/2023	Date:	