



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



July 2, 2024

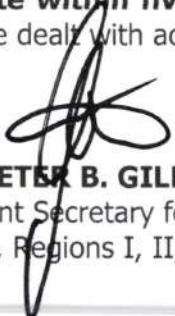
**MEMORANDUM**

**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/ Rehabilitation of Flood Mitigation Facilities within Major River Basins and Principal Rivers Construction of Apayao-Abulog River Basin River Flood Control Structure (Bagutong Section), Apayao **Sta 29 + 760 - Sta 30 + 110 (R/S) - - P50,000,000.00**

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.

  
**REY PETER B. GILLE, D.M.**

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

2.3 mksa/AVS/RPBG/ERP

**Project Modification of Allotment under the GAA Request Evaluation Form**

Date of Evaluation:

05/30/2024

<b>P/A/P 1 (001, 002, CSSP, LP):</b>	<b>Appropriation Source:</b>	FY 2024 GAA
ORGANIZATIONAL OUTCOME 2 : Protect Lives and Properties Against Major Floods	<b>UACS:</b>	320102106851000
<b>P/A/P 2 (Program):</b>	<b>Project ID:</b>	P00821527LZ
Flood Management Program	<b>Region:</b>	Cordillera Administrative Region
<b>P/A/P 3 (Sub-Program):</b>	<b>Implementing Office:</b>	Regional Office - CAR
Construction/ Rehabilitation of Flood Mitigation Facilities within Major River Basins and Principal Rivers	<b>Appropriation (Php):</b>	50,000,000

**Name of Project per GAA:**

Construction of Apayao-Abulog River Basin River Flood Control Structure (Bagutong Section), Apayao Sta 28 + 310 - Sta 31 + 250 (R/S)

Implementing Office  
A Justification for  
Modification:

- The change in station limit is due to the prioritization of critical sections from Sta 29 + 760 - Sta 30 + 110 which require immediate flood mitigation structure to prevent flooding and bank collapse along residential areas and vegetable production areas.
- The increase in unit cost/ decrease in the physical target of CW1 is due to the inclusion of 9-meter long steel sheet piles and additional scour protection along the base of the proposed revetment, as recommended by the design analysis conducted along the Apayao-Abulog River.

A.1 ☒ Certificate of Reasonableness of Cost Estimateby: RD Khadaffy Tanggoldated: March 14, 2024**B. PER PLANNING SERVICE EVALUATION**B.1 ☒ **PROJECT MODIFICATION ON PROJECT DESCRIPTION**B.1.1 ☐ Typographical Error/sB.1.3 ☒ Change in Station LimitsB.1.2 ☐ Change in Location (for non-existent locations only)B.1.4 ☐ Addition/ Deletion of Word/sB.2 ☒ **PROJECT MODIFICATION/ADJUSTMENTS ON PROJECT COMPONENTS**B.2.1 ☒ Change in TargetsB.2.3 ☐ Change in Component AmountB.2.2 ☐ Change in Scope of WorkB.2.3.1 ☐ Addition of Component (including excess amount)B.2.3.2 ☐ Deletion of ComponentB.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 Revetment	Construction of Revetment	518 lm	218 lm	137.61%	-57.92%
CW2	-	-	-	-		
CW3	-	-	-	-		
CW4	-	-	-	-		

**D. AS EVALUATED**D.1 ☒ ALLOWED as per the GAA ProvisionsD.2 ☐ NOT ALLOWED as per the GAA Provisions

D.3 Remarks (to be filled-up by Planning Service):

- 137.61% increase in unit cost, reviewed and considered reasonable per evaluation of Bureau of Construction (BOC) thru memorandum dated May 28, 2024
- No change in PDM

Evaluated By:

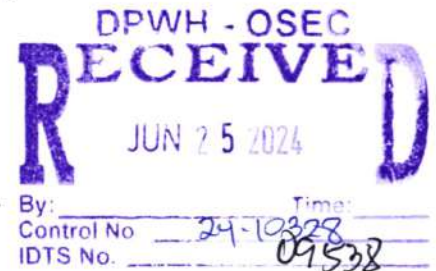
ALEX G. BOTE

Director, Planning Service

Noted By:

CONSTANTE A. CLANES JR., CESO III

Assistant Secretary, Planning Service

**E. Approving Authority as per latest Approved Guidelines on Modification of Allotment under the GAA**E.1 ☒ SecretaryE.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



March 18, 2024

**MEMORANDUM**

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

This refers to the memorandum dated 15 March 2024 of **DPWH CAR Regional Director KHADAFFY D. TANGGOL**, requesting for the **modification** of the project under FY 2024 GAA, to wit;

As per GAA/Original			As Modified		
Project Description					
<b>UACS No.: 320102106851000</b> <b>Project ID: P00821527LZ</b>					
OO2: Protect Lives and Properties Against Major Floods – Flood Management - Construction/ Rehabilitation of Flood Mitigation Facilities within Major River Basins and Principal Rivers			OO2: Protect Lives and Properties Against Major Floods – Flood Management - Construction/ Rehabilitation of Flood Mitigation Facilities within Major River Basins and Principal Rivers		
Construction of Apayao-Abulog River Basin River Flood Control Structure (Bagutong Section), Apayao Sta 28 + 310 - Sta 31 + 250 (R/S)			Construction of Apayao-Abulog River Basin River Flood Control Structure (Bagutong Section), Apayao <b>Sta 29 + 760 - Sta 30 + 110 (R/S)</b>		
Type of Work/ Physical Target	Unit Cost	Allocation	Type of Work/ Physical Target	Unit Cost	Estimated Cost
CW1- Construction of Revetment / 518 Lineal Meters	₱ 94,594.59/ Lineal Meters	₱ 49,000,000.00	CW1- Construction of Revetment / <b>218</b> Lineal Meters	₱ <b>224,770.64</b> / Lineal Meters	₱ 49,000,000.00
EAO	–	₱ 1,000,000.00	EAO	–	₱ 1,000,000.00
<b>Total:</b>		<b>₱50,000,000.00</b>	<b>Total:</b>		<b>₱ 50,000,000.00</b>

**Justification:**

Change in Station Limits in the Project Description and Decrease in physical target for CW1 - Construction of Flood Mitigation Structure from 518 Lineal meters to 218 Lineal meters due to the following:

- The change in station limit is due to the prioritization of critical sections from Sta 29 + 760 - Sta 30 + 110 which require immediate flood mitigation structure to prevent flooding and bank collapse along residential areas and vegetable production areas.
- The increase in unit cost/decrease in the physical target of CW1 - Construction of Flood Mitigation Structure is due to the inclusion of 9-meter long steel sheet piles and additional scour protection along the base of the proposed revetment, as recommended by the design analysis conducted along the Apayao-Abulog River. The provision of sheet piles and hexapods are deemed necessary to provide the needed protection along the structure's foundation and prevent the immediate scouring and collapse of the proposed revetment wall.
- 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.

AG-C6-202403-00748

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:**

*only to cost verification*  


**MARIA CATALINA E. CABRAL, Ph.D., CESO I**

Undersecretary for Planning  
and Public-Private Partnership Services

  
**EUGENIO R. PIHO, 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/RPBG/ERP

Department of Public Works and Highways  
Office of the Secretary



WIN4E03515





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



May 28, 2024

**MEMORANDUM**

**FOR** : **OIC-Assistant Secretary ALEX G. BOTE**  
For Planning Service

**SUBJECT** : **Request for Approval of Modification of Project under FY 2024 GAA:**  
**OO2: Protect Lives and Properties Against Major Floods – Flood Management Program – Construction/Rehabilitation of Flood Mitigation Facilities within Major River Basins and Principal Rivers**  
P00821527LZ: Construction of Apayao-Abulog River Basin River Flood Control Structure (Bagutong Section), Apayao – Sta. 29+760 – Sta. 30+110 (R/S)



Forwarded herewith is the result of the evaluation for the above-mentioned request which was resubmitted to this Office per memorandum dated May 20, 2024 (**Annex A**).

The requested amount of **P50,000,000.00** (inclusive of EAO) for the 218.00 lineal meters construction of Apayao-Abulog river basin river flood control structure (Bagutong Section), Apayao, may be considered reasonable as evaluated subject to updating of cost/price prior to bidding based on the items of work involved and its corresponding quantities as reflected in the Approved Program of Works (POW), Detailed Engineering Design Plan, and other pertinent documents, duly approved by the Regional Director, DPWH – Cordillera Administrative Region.

**SCOPE OF WORK**

ITEM NO.	DESCRIPTION	AMOUNT (Total Cost)	PERCENT WEIGHT (%)
<b>CW1</b>	<b>Construction of Revetment</b>		
Part A	Facilities for the Engineer	P 172,565.77	0.36%
Part B	Other General Requirements	P 562,617.69	1.17%
Part G	Drainage and Slope Protection Structures	P 54,784.64	0.11%
Part B	Plain and Reinforced Concrete Work	P 25,157,680.27	52.14%
Part I-A	Earthwork	P 1,165,489.55	2.41%
Part I-B	Bank and Slope Protection Works	P 21,136,862.08	43.81%
	<b>GRAND TOTAL</b>	<b>P 48,250,000.00</b>	<b>100.00%</b>



PCO 434/3

Cost per lineal meter of concrete revetment:  
(Parts B (Plain and Reinforced Concrete Work) & I-B only)

$$\frac{\text{PhP } 46,294,542.34}{218.00 \text{ lineal meters}} = \text{PhP } 212,360.29 / \text{lineal meters}$$

The cost per lane kilometer of **P212,360.29** as modified is due to the design requirements as reflected in the duly approved plans, which includes construction of 200mm thk concrete revetment (H=7.00m) with parapet wall and lean concrete, provision of hexapods, and installation of Z-type steel sheet piles (L=9.00m, W=72.80kg/m, FY=50MPa) with pile cap, which accounts to **95.95%** of the total project cost. Hence, it is considered **reasonable as the unit costs of** the pay items of work involved are within the range of the prevailing cost of the Department.

  
**ALLAN S. BORRROMEO, CESO III**  
Director, Bureau of Construction

cc: Undersecretary ADOR G. CANLAS, for Technical Services and Information Management Service (IMS)  
Undersecretary EUGENIO R. PIPO, JR., for Regional Operations in CAR, Regions I, II, IX, X, XI, XII and XIII  
Assistant Secretary REY PETER B. GILLE, for Regional Operations in CAR, Regions I, II, IX, X, XI, XII and XIII  
Regional Director KHADAFFY D. TANGGOL, DPWH – Cordillera Administrative Region

6.1.1 RTO/CBC/JTS/MIP  
05282024 memo modification Apayao-Abulog River FCS (Bagutong Section)  
Ref. Nos. 6.1-512-6654/6.1.1-354-04



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



May 20, 2024

**MEMORANDUM**

**FOR :** Director ALLAN S. BORRAMEO, CESO III  
Bureau of Construction

**SUBJECT :** Request for Modification of the Project: 002: 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 (Bagutong Section), Apayao, Sta. 28+310 – Sta. 31+250 (R/S)

In compliance with your Memorandum dated April 15, 2024 relative to the above subject, we are respectfully submitting the following requested documents:

1. Duly signed canvassed prices/quotations for Sheet Pile (Z-Type) from three (3) accredited suppliers;
2. Duly signed project location map indicating the location of the source/quarries of aggregate materials, disposal site, if applicable, and concerned District Engineering Office to the project site;
3. Electronic file copy (pdf file format) of the Construction Materials Price Data (CMPD) used and Labor Rates adopted; and
4. Electronic file copy (Microsoft Excel file format) of the Detailed Estimates linked to the Program of Work (POW)

For your perusal and ready reference.

  
**KHADAFFY D. TANGGOL**  
Regional Director

Encl. As stated  
CAR.1 DMPC/JWC/AOD

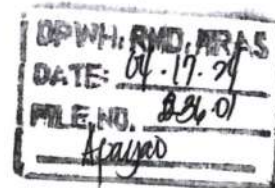




Republic of the Philippines  
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS  
**CENTRAL OFFICE**  
Manila



BAGONG PILIPINAS



April 15, 2024

**MEMORANDUM**

DPWH-CAR  
Admin.-RMS  
**RECEIVED**

**FOR : Regional Director KHADAFFY D. TANGGOL**  
DPWH – Cordillera Administrative Region  
Engineer's Hill, Baguio City

Date: APR 22 2024  
Ref. No.: CAR-G-35B-762

**SUBJECT : Request for Modification of the Project: 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-Abulog River Basin River Flood Control Structure (Bagutong Section), Apayao, Sta. 28+310 – Sta. 31+250 (R/S)**

Returned herewith is the request for modification of the above-mentioned subject project which was referred to this Office for review/evaluation.

In order to facilitate the review/evaluation of the said modification, please comply with the following lacking documents and comments prior to resubmission to this Office, viz;

1. Strictly adhere to the provisions of the Department Order No. 148, Series of 2023 – Guidelines for the Utilization of the Prices of Construction Materials and Equipment Rental Rates for Various Infrastructure Projects;
2. Duly signed canvassed prices/quotations from three (3) accredited suppliers and validated by the Implementing Office of all materials involved that are not included in the latest approved CMPD issued by the Department;
3. Duly signed project location map showing the road & terrain network, DPWH District Engineering Office concerned, sources of each material to be hauled, project site and disposal area, reflecting all the station limits and distances; and
4. Electronic file copy (i.e. Excel file format) of the Detailed Estimates linked to the POW.

**ALLAN S. BORRAMEO, CESO III**  
Director, Bureau of Construction

cc: Undersecretary ADOR G. CANLAS, for Technical Services and Information Management Service (IMS)  
Undersecretary EUGENIO R. PIPO, JR., for Regional Operations in CAR, Regions I, II, IX, X, XI, XII and XIII

6.1.1 RTO/CBC/JTS/MIP  
Return Memo\_Modification\_Abulog  
Ref. Nos. 6.1-279-4868/6.1.1-212-04







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



11 APR 2024

**MEMORANDUM**

**FOR :** **DIRECTOR ALLAN S. BORROMEJO, CESO III**  
Bureau of Construction  
This Department

This has reference to the attached memorandum dated 18 March 2024, of Assistant Secretary Rey Peter B. Gille D.M., Regional Operations in CAR., Regions I, II, IX, XI, XII and XIII, referring the memorandum dated 15 March 2024, of Regional Director Khadaffy D. Tanggol, DPWH-CAR, requesting for the Modification of the project under OO2: Protect Lives and Properties Against Major Floods – Flood Management, of the FY2024 General Appropriations Act, R.A. 11975 to wit:

As per GAA/Original			As Modified		
Project Description					
Construction of Apayao-Abulog River Basin River Flood Control Structure (Bagutong Section), Apayao Sta 28 + 310 - Sta 31 + 250 (R/S)			Construction of Apayao-Abulog River Basin River Flood Control Structure (Bagutong Section), Apayao Sta 29 + 760 - Sta 30 + 110 (R/S)		
Type of Work/ Physical Target	Unit Cost	Allocation	Type of Work/ Physical Target	Unit Cost	Estimated Cost
CW1- Construction of Revetment / 518 Lineal Meters	₱ 94,594.59/ Lineal Meters	₱ 49,000,000	CW1- Construction of Revetment / 218 Lineal Meters	₱ 224,770.64/ Lineal Meters	₱ 49,000,000
EAO	—	₱ 1,000,000	EAO	—	₱ 1,000,000
Total:		₱50,000,000	Total:		₱ 50,000,000

Per item no. 2 of the attached unnumbered memorandum dated 04 April 2024, of Secretary Manuel M. Bonoan, re: Supplemental Guidance on Project Modifications Under the General Appropriations Act (GAA) ref. Department Order No. 23, Series of 2023, "For instances where unit cost increases are significant, specifically those exceeding a 50% threshold, the procedure will need the comprehensive cost review conducted by the Bureau of Construction."

In this regard, since the above request resulted to more than 50% increase of the unit cost, please evaluate/review the changes in unit cost of the above-mentioned project based on the attached Program of Works (POW), Detailed Unit Price Analysis (DUPA), Detailed Engineering Design (DED) and Certificate of Reasonableness of Cost Estimate, and submit your evaluation to the Planning Service, for further appropriate action.

  
**ALEX B. BOTE**  
Director IV, Planning Service

CC: Assistant Secretary **REY PETER B. GILLE D.M.**, Regional Operations in CAR., Regions I, II, IX, XI, XII and XIII  
Director **KHADAFFY D. TANGGOL**, DPWH Cordillera Administrative Region, Baguio City

4.1.3 AMN/FBM/PRC  
BOC-CAR-007\_P00821527LZ



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



March 15, 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/ Rehabilitation of Flood Mitigation Facilities within Major River Basins and Principal Rivers - Construction of Apayao-Abulog River Basin River Flood Control Structure (Bagutong Section), Apayao Sta 28 + 310 - Sta 31 + 250 (R/S)**

We are respectfully submitting the modification of the above project in the amount of **Fifty Million Pesos (Php 50,000,000.00)** as indicated below:

	FROM	TO
Project ID	P00821527LZ	
Project Title	Construction of Apayao-Abulog River Basin River Flood Control Structure (Bagutong Section), Apayao <b>Sta 28 + 310 - Sta 31 + 250 (R/S)</b>	Construction of Apayao-Abulog River Basin River Flood Control Structure (Bagutong Section), Apayao <b>Sta. 29 + 760 - Sta 30 + 110 (R/S)</b>
Physical Target	<b>518</b> Lineal meters	<b>218</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 MGB/EFD/JWC/ABM



## Tables for Modification Request Form

A. GENERAL					
<b>1. REGION</b> Cordillera Administrative Region		<b>2. DEO</b> Apayao 2nd 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) 320102106851000					
<b>5. Project Id</b> P00821527LZ					
<b>6. Project Category</b> OO2: Protect Lives and Properties Against Major Floods					
<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)		
Component ID	Type of Work		Component ID	Type of Work	
CW1	Construction of Flood Mitigation Structure		CW1	Construction of Flood Mitigation Structure	
<b>10. PROJECT DESCRIPTION</b> (as recorded in GAA) Construction of Apayao-Abulog River Basin River Flood Control Structure (Bagutong Section), Apayao <b>Sta 28 + 310 - Sta 31 + 250</b> (R/S)			<b>20. PROJECT DESCRIPTION</b> (of the revised project) Construction of Apayao-Abulog River Basin River Flood Control Structure (Bagutong Section), Apayao <b>Sta 29 + 760 - Sta 30 + 110</b> (R/S)		
<b>11. ALLOTMENT (P'000)</b> (as recorded in GAA) 50,000			<b>21. REVISED ESTIMATED COST (P'000)</b> (Equal to, or lower than GAA allotment) 50,000		<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)		
Component ID	Target	Target Unit	Component ID	Target	Target Unit
CW1	518	Lineal Meters (lm)	CW1	<b>218</b>	Lineal Meters (lm)
<b>13. UNIT COST</b> (Enter Details for all Components below)			<b>24. UNIT COST</b> (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	49,000.000	94.59459	CW1	49,000.000	<b>224.77064</b>
EAO	1,000.000		EAO	1,000.000	

## 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** 121.41764 **End X** 121.41765

**Start Y** 18.24456 **End Y** 18.24455

**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** 121.41764 **End X** 121.41765

**Start Y** 18.24456 **End Y** 18.24455

**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**  
06/05/2024

**Planned End Date**  
03/01/2025

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

**Planned Start Date**  
06/05/2024

**Planned End Date**  
03/01/2025

**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 Decrease in physical target for CW1 - Construction of Flood Mitigation Structure from 518 Lineal meters to 218 Lineal meters due to the following:

- The change in station limit is due to the prioritization of critical sections from Sta 29 + 760 - Sta 30 + 110 which require immediate flood mitigation structure to prevent flooding and bank collapse along residential areas and vegetable production areas.
- The increase in unit cost/decrease in the physical target of CW1 - Construction of Flood Mitigation Structure is due to the inclusion of 9-meter long steel sheet piles and additional scour protection along the base of the proposed revetment, as recommended by the design analysis conducted along the Apayao-Abulog River. The provision of sheet piles and hexapods are deemed necessary to provide the needed protection along the structure's foundation and prevent the immediate scouring and collapse of the proposed revetment wall.
- 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.

**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:

  
DEIDRE LYNN B. CACDAC

Position:

Engineer III

Office:

Planning and Design Division

Date:

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


Name:

Position:

Date:

### 38. REVIEWED BY REGIONAL OFFICE

Name:

  
ANGELITA B. MABITAZAN

Position:

Chief, Planning and Design Division

Date:

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

Name:

Position:

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)

320102106851000

Project Id


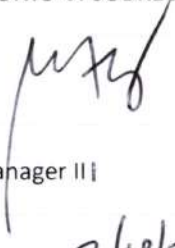
P00821527LZ

### 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. SOBREVINAS, JR.
Signature		
Position:	Project Manager I	Project Manager III
Date:	3/19/24	3/18/24

### 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:	04-04-24	Date:	