



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



July 15, 2024

MEMORANDUM

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

ATTENTION : **REX K. OYA-OY**
OIC-District Engineer
Benguet 2nd District Engineering Office
Natubleng, Buguias, Benguet

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

1. OO2: Protect Lives and Properties Against Major Floods - Construction/ Rehabilitation of Flood Mitigation Facilities within Major River Basins and Principal Rivers - *Construction of Flood Mitigation Structure along Agno River, Loo Section, Sta. 0+432 - Sta. 1+043 (LS), Sta. 0+767 - Sta. 1+021 (RS), Buguias, Benguet - - - - - P65,000,000.00.*

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 aap/AVS/RPBG/ERP

Project Modification of Allotment under the GAA Request Evaluation Form

Date of Evaluation: 07/04/2024

P/A/P 1 (001, 002, CSSP, LP):	Appropriation Source:	FY 2024 GAA
ORGANIZATIONAL OUTCOME 2 : Protect Lives and Properties Against Major Floods	UACS:	320102106113000
P/A/P 2 (Program):	Project ID:	P00821128LZ
Flood Management Program	Region:	Cordillera Administrative Region
P/A/P 3 (Sub-Program):	Implementing Office:	Benguet 2nd District Engineering Office
Construction/ Rehabilitation of Flood Mitigation Facilities within Major River Basins and Principal Rivers	Appropriation (Php):	65,000,000

Name of Project per GAA:

Construction of Flood Mitigation Structure along Agno River, Loo Section, Sta. 0+432 - Sta. 1+836 (R.S), Buguias, Benguet

A Justification for Modification:

- The change in the station limit was deemed necessary in order to include identified critical sections along Agno River that have collapsed and are prone to flooding. Furthermore, Sta. 0+432 - Sta. 0+767 (RS) was already mitigated (P00526380LZ under FY2021), thus, the limits were moved to Sta. 0+767 - Sta. 1+021 (RS). In addition, the existing structure at the left side totally collapsed and the adjacent low-altitude vegetable gardens are prone to flooding, thus Sta. 0+432 - Sta. 1 +043 (LS) was included.
- The increase in the unit cost is due to the change in the design of the proposed structure from rubble concrete to stone masonry with concrete armor. In addition, the massive earthworks, excavation of 12,229.90 cu.m. and embankment from borrow of 3,636.20 cu.m. which is about 16.11% of the total project cost, contributed to the high unit cost.
- The decrease in the physical target is due to the necessity to shorten the length of the structure in order to accommodate the change in the design of the proposed structure.

A.1 ☒ Certificate of Reasonableness of Cost Estimateapproved by: RD Khadaffy D. Tanngol dated: May 08, 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/s**B.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

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JUL 11 2024
By: _____ Time: _____
Control No. 24-11528
IDTS No. 10682

C. RESULTANT AFTER MODIFICATIONC.1 ☐ Additional Project Component/sC.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	1,404.0 lm	865.0 lm	62.31%	-38.39%
CW2	-	-	-	-	-	-
CW3	-	-	-	-	-	-
CW4	-	-	-	-	-	-

D. AS EVALUATEDD.1 ☒ ALLOWED as per the GAA ProvisionsD.2 ☐ NOT ALLOWED as per the GAA ProvisionsD.3 Remarks (to be filled-up by Planning Service):

- Increase in Unit Cost is Considered reasonable and are within the range of the prevailing cost of the Department per evaluation of BOC thru memorandum dated 07 June 2024 of Director Borromeo

Evaluated By:

ALEX G. BOTE
Director, Planning Service

Noted By:

CONSTANTE A. LLANES JR., CESO III
Assistant Secretary, Planning Service and the Legislative Liaison Office**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



June 11, 2024

MEMORANDUM

FOR : MANUEL M. BONOAN
Secretary
This Department

This refers to the memorandum dated May 20, 2024 of **DPWH CAR Regional Director KHADAFFY D. TANGGOL**, endorsing the request of **OIC-District Engineer REX K. OYA-OY, Benguet Second District Engineering Office**, for the **modification** of the project under FY 2024 GAA, to wit;

As per GAA/Original			As Modified		
Project Description					
UACS No. : 320102106113000 Project ID: P00821128LZ OO2: Protect Lives and Properties Against Major Floods - Construction/ Rehabilitation of Flood Mitigation Facilities within Major River Basins and Principal Rivers. Construction of Flood Mitigation Structure along Agno River, Loo Section, Sta. 0+432 - Sta. 1+836 (R.S) , Buguias, Benguet.			OO2: Protect Lives and Properties Against Major Floods - Construction/ Rehabilitation of Flood Mitigation Facilities within Major River Basins and Principal Rivers Construction of Flood Mitigation Structure along Agno River, Loo Section, Sta. 0+432 - Sta. 1+043 (LS), Sta. 0+767 - Sta. 1+021 (RS) , Buguias, Benguet		
Type of Work/ Physical Target	Unit Cost	Allocation	Type of Work/ Physical Target	Unit Cost	Estimated Cost
CW1- Construction of Flood Mitigation Structure / 1,404 lineal meters	₱ 44,675.93/ Lineal meter	₱ 62,725,000.00	CW1- Construction of Flood Mitigation Structure / 865 lineal meters	₱ 72,514.45/ Lineal meter	₱ 62,725,000.00
EAO	—	₱ 2,275,000.00	EAO	—	₱ 2,275,000.00
Total:		₱ 65,000,000.00	Total:		₱ 65,000,000.00
Justification: The change in station limits, and the decrease in physical target for CW1 – Construction of Flood Mitigation Structure from 1,404 lineal meters to 865 lineal meters are due to the following: <ul style="list-style-type: none">The change in the station limit was deemed necessary in order to include identified critical sections along Agno River that have collapsed and are prone to flooding. Furthermore, Sta. 0+432 - Sta. 0+767 (RS) was already mitigated (P00526380LZ under FY2021), thus, the limits were moved to Sta. 0+767 – Sta. 1+021 (RS). In addition, the existing structure at the left side totally collapsed and the adjacent low-altitude vegetable gardens are prone to flooding, thus Sta. 0+432 – Sta. 1+043 (LS) was included.The increase in the unit cost is due to the change in the design of the proposed structure from rubble concrete to stone masonry with concrete armor. In addition, the massive earthworks, excavation of 12,229.90 cu.m. and embankment from borrow of 3,636.20 cu.m. which is about 16.11% of the total project cost, contributed to the high unit cost.					

46-cv-202406-02265

- The decrease in the physical target is due to the necessity to shorten the length of the structure in order to accommodate the change in the design of the proposed structure.
- The derived unit cost is based on the approved Program of Work (POW) with Detailed Unit Price Analysis (DUPA).
- See attached Certificate of Reasonableness of Estimates approved by the Regional Director.
- The unit cost has been evaluated and reviewed by the Bureau of Construction (BOC). See attached evaluation dated June 07, 2024.

Attached are the following supporting documents: Project Impact Analysis (PIA), Approved Program of Works (POW), Detailed Engineering Design (DED), Certificate of Availability of Funds, BP202, Geotagged Photos, GIS Map, Certificate of Reasonableness of Unit Cost and Evaluation from BOC.

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


EUGENIO R. RIPO, JR.

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

APPROVED/~~DISAPPROVED:~~


MANUEL M. BONOAN
Secretary

2.3 aap/AVS/RPBG/ERP

Department of Public Works and Highways
Office of the Secretary



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



June 7, 2024

MEMORANDUM

- FOR : Undersecretary EUGENIO R. PIPO, JR.**
For Regional Operations in CAR, Regions I, II, IX, X, XI, XII and XIII
- SUBJECT : Request for Approval of Modification of Three (3) Projects under FY 2024 General Appropriations Act:**
- A. Convergence and Special Support Program – Sustainable Infrastructure Projects Alleviating Gaps (SIPAG) – Access Roads and/or Bridges from the National Road/s leading to Major/Strategic Public Buildings/Facilities**
 - 1.) P00837863LZ: Construction of Conacon – Deckan – Payeo Road, Barangay Balili and Barangay Bedbed, Mankayan, Benguet
 - B. 002: Protect Lives and Properties Against Major Floods – Construction/Rehabilitation of Flood Mitigation Facilities within Major River Basins and Principal Rivers**
 - 2.) P00821128LZ: Construction of Flood Mitigation Structure along Agno River, Loo Section, Sta. 0+432 – Sta. 1+043 (LS), Sta. 0+767 – Sta. 1+021 (RS), Bulguias, Benguet

Forwarded herewith are the results of the evaluation of the above-mentioned request, out of the three (3) projects, which were referred to this Office for evaluation, comments, and/or recommendation per Memorandum dated May 29, 2024 (**Annex A**). Please be informed that the other project (P00841878LZ) was withdrawn as requested by District Engineer Rex K. Oya-oy, DPWH-Benguet 2nd District Engineering Office, through a memorandum dated June 5, 2024 (**Annex B**).

PROJECT NO. 1:

The total amount of **P 153,000,000.00** (inclusive of EAO) for the **8.154 lane kilometers** of the Construction of Conacon – Deckan – Payeo Road in Barangay Balili and Barangay Bedbed, Mankayan, Benguet, 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 Work (POW) and Detailed Engineering Design Plan, duly approved by the District Engineer, DPWH-Benguet 2nd District Engineering Office.

SCOPE OF WORK

ITEM NO.	DESCRIPTION	AMOUNT (Total Cost)	PERCENT WEIGHT (%)
Part B	Other General Requirements	P 1,189,228.37	0.805%
Part C	Earthwork	P 134,587,101.68	91.156%
Part D	Subbase and Base Course	P 3,627,092.81	2.457%
Part G	Drainage and Slope Protection Structures	P 8,019,793.39	5.432%
Part H	Miscellaneous Structures	P 221,793.60	0.150%
	GRAND TOTAL	P 147,645,009.85	100.00%

Cost per lane km of Gravel Road = $\frac{P\ 138,214,194.49}{8.154\ \text{lane km}} = P\ 16,950,477.62 / \text{lane km}$
 (Excludes Parts B, G, & H)

The estimated cost of **P 16,950,477.62 / lane kilometer** is attributed to the design requirements outlined in the approved plans, encompassing items of work from Parts C and D. This cost per lane kilometer primarily includes various surplus excavation works under Part C with voluminous quantities of 17,213.40 cubic meters of common soil, 210,148.30 cubic meters of soft rock, and 81,254.20 cubic meters of hard rock, which accounts to a total of **91.156%** of the total construction cost. Since these are the major items of work for the construction of road project, it is considered reasonable as the unit costs of the items involved are within the prevailing cost range of the Department.

PROJECT NO. 2:

The total amount of **P 65,000,000.00** (inclusive of EAO) for the **865 lineal meters** of the Construction of Flood Mitigation Structure along Agno River, Loo Section, Sta. 0+432 – Sta. 1+043 (LS), Sta. 0+767 – Sta. 1+021 (RS), Bulguias, Benguet, 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 Work (POW) and Detailed Engineering Design Plan, duly approved by the District Engineer, DPWH-Benguet 2nd District Engineering Office.

SCOPE OF WORK

ITEM NO.	DESCRIPTION	AMOUNT (Total Cost)	PERCENT WEIGHT (%)
Part A	Facilities of the Engineer	P 2,075,955.00	3.310%
Part B	Other General Requirements	P 1,679,366.77	2.677%
Part D	Reinforced Concrete	P 26,343,373.63	41.998%
Part L-A	Earthwork	P 10,471,985.93	16.695%
Part L-B	Bank and Slope Protection Works	P 22,154,338.06	35.320%
	GRAND TOTAL	P 62,725,019.39	100.00%

Cost per lin. m. of Flood = $\frac{P\ 58,969,697.62}{865\ \text{lin. m.}}$ = **P 68,173.06 / lin. m.**
Mitigation Structure
(Excludes Parts A & B)

The estimated cost of **P 68,173.06 / lineal meter** is attributed to the design requirements outlined in the approved plans, encompassing items of work from Parts D, L-A, and L-B. This cost per lineal meter primarily includes the provision of a 3.50-meter high and 611.00-meter long stone masonry with concrete armor, massive soft-rock excavation of 12,229.90 cubic meters, and 3,632.20 cubic meters of embankment works, which accounts to **94.013%** of the total construction cost. Since these are the major items of work for the construction of flood mitigation structure project, it is considered reasonable as the unit costs of the items involved are within the prevailing cost range of the Department.



ALLAN S. BORROMELO, CESO III
Director, Bureau of Construction

Cc : Undersecretary ADOR G. CANLAS, for Technical Services and Information Management Service
Regional Director KHADAFFY D. TANGGOL, DPWH-CAR

6.1.1. PPL|CBC|JTS|MIP
06072024_Modification of Benguet 2nd
Ref. 6.1-67-7116/6.1.1-386-02



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



May 18, 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: 002: Protect Lives and Properties Against Major Floods - Construction/ Rehabilitation of Flood Mitigation Facilities within Major River Basins and Principal Rivers - Construction of Flood Mitigation Structure along Agno River, Loo Section, Sta. 0+432 - Sta. 1+836 (R.S), Buguias, Benguet

We are respectfully forwarding the Memorandum dated May 13, 2024 from OIC-District Engineer Rex K. Oya-oy, Benguet 2nd District Engineering Office, regarding the modification of the above project in the amount of **Sixty Five Million Pesos (Php 65,000,000.00)** as indicated below:

	FROM	TO
Project ID	P00821128LZ	
Project Title	Construction of Flood Mitigation Structure along Agno River, Loo Section, Sta. 0+432 - Sta. 1+836 (R.S) , Buguias, Benguet	Construction of Flood Mitigation Structure along Agno River, Loo Section, Sta. 0+432 - Sta. 1+043 (LS), Sta. 0+767 - Sta. 1+021 (RS) , Buguias, Benguet
Type of Work	CW1 – Construction of Flood Mitigation Structure	CW1 – Construction of Flood Mitigation Structure
Physical Target	CW1 – 1,404.000 Lineal Meters	CW1 – 865.000 Lineal Meters
Allocation	CW1 – Php 62,725,000.00 EAO – Php 2,275,000.00	CW1 – Php 62,725,000.00 EAO – Php 2,275,000.00

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 D/BC/EFD/JWC/AOD



Republic of the Philippines
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
BENGUET 2ND DISTRICT ENGINEERING OFFICE
Natubleng, Buguias, Benguet, Cordillera Administrative Region



May 13, 2024

MEMORANDUM

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

THRU : **ARNOLD O. DACWAG**
OIC - Chief, Planning and Design Division

SUBJECT : **Submission of Requirements for FY 2024 Modification of the project, Construction of Flood Mitigation Structure along Agno River, Loo Section, Sta. 0+432 - Sta. 1+836 (R.S), Buguias, Benguet**

Respectfully submitting the requirements for the modification of the FY 2024 project: "Construction of Flood Mitigation Structure along Agno River, Loo Section, Sta. 0+432 - Sta. 1+836 (R.S), Buguias, Benguet" for your endorsement.

FROM			TO		
Project Description					
UACS No. : 320102106113000 Project ID : P00821128LZ					
Construction/ Rehabilitation of Flood Mitigation Facilities within Major River Basins and Principal Rivers			Construction/ Rehabilitation of Flood Mitigation Facilities within Major River Basins and Principal Rivers		
Construction of Flood Mitigation Structure along Agno River, Loo Section, Sta. 0+432 - Sta. 1+836 (R.S) , Buguias, Benguet			Construction of Flood Mitigation Structure along Agno River, Loo Section, Sta. 0+432 - Sta. 1+043 (LS) , Sta. 0+767 - Sta. 1+021 (RS) , Buguias, Benguet		
Physical Target	Unit Cost	Allocation	Physical Target	Unit Cost	Allocation
CW-1: Construction of Flood Mitigation Structure			CW-1: Construction of Flood Mitigation Structure		
1,404 ln.m.	₱ 44,675.93	₱ 62,725,000.00	865 ln.m.	₱ 72,514.45	₱ 62,725,000.00
EAO (3.5%)		₱ 2,275,000.00	EAO (3.5%)		₱ 2,275,000.00
TOTAL		₱ 65,000,000.00	TOTAL		₱ 65,000,000.00

For your review.

REX K. OYA-OY

OIC – District Engineer

CAR.17.1/VBC/LDR/EPM

Tables for Modification Request Form

A. GENERAL							
1. REGION Cordillera Administrative Region			2. DEO Benguet Second District Engineering Office			3. LEGISLATIVE DISTRICT BENGUET (LONE DISTRICT)	
B. ORIGINAL PROJECT				C. PROPOSED REVISED PROJECT			
4. UACS (Unified Account Code Structure as defined in GAA) 320102106113000							
5. Project Id P00821128LZ							
6. Project Category OO2: Protect Lives and Properties Against Major Floods							
7. Sub-Program (P/A/P) Construction/ Rehabilitation of Flood Mitigation Facilities within Major River Basins and Principal Rivers							
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		
10. PROJECT DESCRIPTION (as recorded in GAA) Construction of Flood Mitigation Structure along Agno River, Loo Section, Sta. 0+432 - Sta. 1+836 (R.S), Buguias, Benguet				20. PROJECT DESCRIPTION (of the revised project) Construction of Flood Mitigation Structure along Agno River, Loo Section, Sta. 0+432 - Sta. 1+043 (LS), Sta. 0+767 - Sta. 1+021 (RS), Buguias, Benguet			
11. ALLOTMENT (P'000) (as recorded in GAA) 65,000				21. REVISED ESTIMATED COST (P'000) (Equal to, or lower than GAA allotment) 65,000		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	1,404 ✓	Lineal Meters (lm)		CW1	865 ✓	Lineal Meters (lm)	
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	62,725 /	44.67593		CW1	62,725	72.51445	
EAO	2,275 /			EAO	2,275		
14. PROJECT WORK LOCATION (Must be defined in strict accordance with DO 65 Series 2014)				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)			
Start X	120.833890	End X	120.841231	Start X	120.833483	End X	120.832350
Start Y	16.790343	End Y	16.793032	Start Y	16.777416	End Y	16.781604
15. ROAD CLASSIFICATION (if applicable)				26. ROAD CLASSIFICATION (if applicable)			
16. IMPLEMENTING OFFICE (Record the Implementing Office of the original project) Benguet Second District Engineering Office				27. IMPLEMENTING OFFICE (Record the Implementing Office of the proposed revised project) Benguet Second District Engineering Office			

Tables for Modification Request Form

17. PROJECT IMPLEMENTATION PLAN (PIP)		28. PROJECT IMPLEMENTATION PLAN (PIP)	
Planned Start Date 04/26/2024	Planned End Date 02/12/2025	Planned Start Date 06/14/2024	Planned End Date 04/02/2025
		29. OVERLAP? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES	30. UNDER WARRANTY? <input checked="" 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 change in station limits, and the decrease in physical target for CW1 – Construction of Flood Mitigation Structure from 1,404 lineal meters to 865 lineal meters are due to the following:


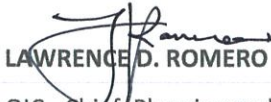



- The change in the station limit was deemed necessary in order to include identified critical sections along Agno River that have collapsed and are prone to flooding. Furthermore, Sta. 0+432 - Sta. 0+767 (RS) was already mitigated (P00526380LZ under FY2021), thus, the limits were moved to Sta. 0+767 – Sta. 1+021 (RS). In addition, the existing structure at the left side totally collapsed and the adjacent low-altitude vegetable gardens are prone to flooding, thus Sta. 0+432 – Sta. 1+043 (LS) was included.*
- The increase in the unit cost is due to the change in the design of the proposed structure from rubble concrete to stone masonry with concrete armor. In addition, the massive earthworks, excavation of 12,229.90 cu.m. and embankment from borrow of 3,636.20 cu.m. which is about 16.11% of the total project cost, contributed to the high unit cost.*
- The decrease in the physical target is due to the necessity to shorten the length of the structure in order to accommodate the change in the design of the proposed structure.*
- The derived unit cost is based on the approved Program of Work (POW) with Detailed Unit Price Analysis (DUPA).*
- See attached Certificate of Reasonableness of Estimates approved by the Regional Director.*

Attached are the following supporting documents: Project Impact Analysis (PIA), Approved Program of Works (POW), Detailed Engineering Design (DED), Certificate of Availability of Funds, BP202, Geotagged Photos, GIS Map, Certificate of Reasonableness of Unit Cost and Evaluation from BOC.

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:	 VANESSA B. CHAN	Position:	Engineer II
Office:	Benguet 2nd District Engineering Office	Date:	
36. REVIEWED BY DISTRICT OFFICE (If Required)		38. REVIEWED BY REGIONAL OFFICE	
Name:	 LAWRENCE D. ROMERO	Name:	 ARNOLD S. DACWAG
Position:	OIC - Chief, Planning and Design Section	Position:	OIC - Chief, Planning and Design Division
Date:		Date:	
37. RECOMMENDED BY DISTRICT OFFICE (If Required)		39. RECOMMENDED BY REGIONAL OFFICE	
Name:	 REX K. OYA-OY	Name:	 KHADAFFY D. TANGGOL
Position:	OIC - District Engineer	Position:	Regional Director
Date:		Date:	

Tables for Modification Request Form

UACS (Unified Account Code Structure as defined in GAA)

320102106113000

Project Id

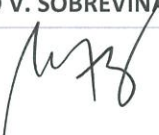
P00821128LZ

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. SOBREVINAS, JR.
Signature		Signature	
Position:	Project Manager I	Position:	Project Manager III
Date:	6/13/24	Date:	6/11/24

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:	ANNA ANDREA M. NOCHE	Name:	PETER PAUL R. CORTEZ
Signature		Signature:	
Position:	Regional Coordinator	Position:	OIC - Chief of Programming Division
Date:	07-04-24	Date:	