



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



May 21, 2024

**MEMORANDUM**

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

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

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

1. Convergence and Special Support Program - Basic Infrastructure Program (BIP) - Access Roads and/or Bridges from the National Road/s leading to Major/ Strategic Public Buildings/ Facilities - Improvement of Road, Sayangan Road, Barangay Paoay, Atok, Benguet - - - **P5,000,000.00**

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 LDAM/AVS/RPBG/ERP

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

Date of Evaluation:

05/03/2024

<b>P/A/P 1 (001, 002, CSSP, LP):</b>	<b>Appropriation Source:</b>	FY 2024 GAA
CONVERGENCE AND SPECIAL SUPPORT PROGRAM	<b>UACS:</b>	300221104601000
<b>P/A/P 2 (Program):</b>	<b>Project ID:</b>	P00838810LZ
Basic Infrastructure Program (BIP)	<b>Region:</b>	Cordillera Administrative Region
<b>P/A/P 3 (Sub-Program):</b>	<b>Implementing Office:</b>	Benguet 2nd District Engineering Office
BIP - Access Roads and/or Bridges from the National Road/s leading to Major/ Strategic Public Buildings/ Facilities	<b>Appropriation (Php):</b>	5,000,000

Name of Project per GAA:

Improvement of Road, Sayangan Road, Barangay Paoay, Atok, Benguet

Implementing Office  
A Justification for  
Modification:

- The addition of another component, CW2 - Construction of Drainage Structure along road was necessary due to the need to replace the existing riprap open line canal since the proposed road will run directly above the canal due to space constraint in the project site.
- The increase in unit cost is attributed to the need to reinforce the proposed PCCP with Steel bars to increase the moving load capacity, and to incorporate slope protection structures along the road to avoid erosion.

A.1 ☒ Certificate of Reasonableness of Cost  
Estimateby: RD Khadaffy D. Tanggol dated: March 20, 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**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 Concrete Road	Construction of Concrete Road	0.425 lane km	0.117 lane km	112.50%	-72.47%
CW2	-	Construction of Drainage Structure along Road	-	115.860 lm	64.45%	-39.19% *
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):

- CW1 - Decrease in Target and Increase in Unit Cost to more than 50% of the Original Unit Cost
- CW2 - New Component with 64.45% increase in Unit Cost Compared to BOC Unit Cost \*
- Unit Cost Reviewed by BOC attached memo dated 24 April 2024 (considered reasonable / no excess)
- No Change in PDM

Evaluated By:

ALEX B. BOTE  
Director, Planning Service

Noted By:

CONSTANTE A. LLANES 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



April 26, 2024

**MEMORANDUM**

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

This refers to the memorandum dated April 1, 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. : 300221104601000 Project ID: P00838810LZ					
Convergence and Special Support Program - Basic Infrastructure Program (BIP) - Access Roads and/or Bridges from the National Road/s leading to Major/ Strategic Public Buildings/ Facilities			Convergence and Special Support Program - Basic Infrastructure Program (BIP) - Access Roads and/or Bridges from the National Road/s leading to Major/ Strategic Public Buildings/ Facilities		
Improvement of Road, Sayangan Road, Barangay Paoay, Atok, Benguet			Improvement of Road, Sayangan Road, Barangay Paoay, Atok, Benguet		
Type of Work/ Physical Target	Unit Cost	Allocation	Type of Work/ Physical Target	Unit Cost	Estimated Cost
CW1 - Construction of Concrete Road / 0.425 Lane Km	₱ 11,647,058.82 / Lane Km.	₱ 4,950,000.00	CW1 - Construction of Concrete Road / 0.117 Lane Km	₱ 24,750,000.00 / Lane Km. <i>₱ 49.5 M/km</i>	₱ 2,895,750.00
			CW2 - Construction of Drainage Structure along Road / 115.86 Lineal meters	₱ 17,730.45 / Lineal meters <i>✓</i>	₱ 2,054,250.00
EAO	—	₱ 50,000.00	EAO	—	₱ 50,000.00
Total:		₱ 5,000,000.00	Total:		₱ 5,000,000.00

**Justification:**

The decrease in physical target for CW1 – Construction of Concrete Road from 0.425 lane kilometers to 0.117 lane kilometers and the addition of CW2 – Construction of Drainage Structure along road are due to the following:

- The addition of another component, CW2 – Construction of Drainage Structure along Road was deemed necessary due to the need to replace the existing riprap open line canal since the proposed road will run directly above the canal due to space constraint in the project site.

*Q*

Ag-cv-202404-01234

*[Signature]*

- The increase in the unit cost in CW1 is attributed to the need to reinforce the proposed PCCP with steel bars to increase the moving load capacity, and to incorporate slope protection structures along the road to avoid erosion.
- Another factor that contributed to the increase in the unit cost of CW1 is the need to remove various obstructions such as old septic vaults, and the massive earthworks involved, excavation of 717.41 cu.m and embankment of 156.65 cu.m.
- The physical target was adjusted since the actual distance from the end of the existing road, which is the start of the proposed roadline, to the National Road is 117 meters only.
- The derived unit cost is based on the approved Program of Work (POW) with Detailed Unit Price Analysis (DUPA).
- The unit cost has also been evaluated and reviewed by the Bureau of Construction (BOC). See attached Evaluation of the Bureau of Construction for this project dated April 24, 2024.
- See attached Certificate of Reasonableness of Estimates approved by the Regional Director.

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

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. PIHO, JR.**

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



WIN4E03350

Website: <https://www.dpwh.gov.ph>  
Tel. Nos.: 5304-3000 / (02) 165-02







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



April 24, 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 Projects under FY 2024 GAA:**

- 1. Convergence and Special Support Program – Basic Infrastructure Program (BIP) – Access Roads and/or Bridges from the National Road/s leading to Major/ Strategic Public Buildings/ Facilities**  
**Improvement of Road, Sayangan Road, Barangay Paoay, Atok, Benguet**
- 2. Asset Preservation – Rehabilitation/Reconstruction of National Roads with Slips, Slope Collapse, and Landslide – Tertiary Roads Gov. Bado Dangwa National Rd – K0275+790 – K0275+895, K0279+650 – K0279+758, K0280+250 – K0280+398, K0281+108 - K0281+200**

Forwarded herewith are the results of the evaluation for the above-mentioned projects, which were referred to this office for review and evaluation.

**PROJECT NO. 1**

The requested amount of **P5,000,000.00** (inclusive of EAO) for the 0.117 lane kilometer Improvement of Road, Sayangan Road, Barangay Paoay, Atok, Benguet, Sta. 0+000 – Sta. 0+116.86, 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) and Detailed Engineering Design Plan, duly approved by the District Engineer, Benguet Second District Engineering Office.

ITEM NO.	DESCRIPTION	AMOUNT (Total Cost)	PERCENT Weight (%)
<b>CW-1</b>	<b>Construction of Concrete Road</b>		
Part B	Other General Requirements	P 219,003.01	4.42%
Part C	Earthworks	P 430,010.28	8.69%
Part D	Subbase and Base Course	P 91,226.11	1.84%
Part E	Surface Course	P 1,912,668.06	38.64%

Part F	Plain Reinforced Structures	P	2,450.55	0.05%
Part G	Drainage and Slope Protection Structures	P	240,196.87	4.85%
<b>CW-2</b>	<b>Construction of Drainage Structure along Road</b>			
Part F	Plain Reinforced Structures	P	2,054,453.91	41.50%
	<b>GRAND TOTAL</b>	<b>P</b>	<b>4,950,008.79</b>	<b>100.00%</b>

#### CW1-Construction of Concrete Road

Cost per lane kilometer =  $\frac{P2,676,551.87}{0.117 \text{ lane kms}}$  = P22,876,511.71 /lane km  
(Except Part B)

#### CW2-Construction of Drainage Structure along Road

Cost per lineal meter =  $\frac{P2,054,453.91}{115.86 \text{ lineal meters}}$  = P17,732.21 /lineal meter  
(Part F Only)

The estimated cost of P22,876,511.71 per lane kilometer of road is attributed to the concreting of 288 sq.m. unreinforced PCCP and 215.58 sq.m. reinforced PCCP, while the cost of P17,732.21 per lineal meter of drainage structure is attributed to the construction of a 70.86m reinforced box canal, both of which accounts for 95.58% of the total project cost. Since these are the major items of work for the 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 requested amount of **P8,970,000.00** (inclusive of EAO) for the Rehabilitation/ Reconstruction of National Roads with Slips, Slope Collapse, and Landslide – Tertiary Roads Gov. Bado Dangwa National Rd - K0275+790 - K0275+895, K0279+650 - K0279+758, K0280+250 - K0280+398, K0281+108 - K0281+200, 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) and Detailed Engineering Design Plan, duly approved by the District Engineer, Benguet Second District Engineering Office.



ITEM NO.	DESCRIPTION	AMOUNT (Total Cost)	PERCENT Weight (%)
Part B	Other General Requirements	P 452,162.07	5.14%
Part C	Earthworks	P 252,790.77	2.88%
Part D	Subbase and Base Course	P 55,158.83	0.63%
Part E	Surface Course	P 545,399.81	6.20%
Part F	Plain Reinforced Structures	P 6,041,677.18	68.73%
Part G	Drainage and Slope Protection Structures	P 1,329,270.71	15.12%
Part F	Miscellaneous Structures	P 114,148.71	1.30%
	<b>GRAND TOTAL</b>	<b>P 8,790,608.08</b>	<b>100.00%</b>

Cost per square meter =  $\frac{P8,338,446.01}{513 \text{ square meters}}$  = P16,254.28 /square meter  
(Except Part B)

The estimated cost of P16,254.28 per square meter of structure is attributed to the construction of various components, including a 32m length of 7m height retaining wall, an 11m length of 9m height crib wall, a 10m length of 10m height crib wall, a 20m length of 4.5m height stone masonry, and the construction of 259.2 sq.m. of 0.28m thick PCCP, which accounts for 94.86% of the total project cost. Since these are the major items of work for the project, it is considered reasonable as the unit costs of the items involved are within the prevailing cost range of the Department.

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

cc: Undersecretary ADOR G. CANLAS, CESO IV, for Technical Services and Information Management Service

6.1.1 FDF|CBC|JTS  
04222024 Modification Benguet 2<sup>nd</sup>  
Ref. No. BOC- 6.1-305-5058/6.1.1-234-01



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



April 16, 2024

MEMORANDUM

TO : **ALLAN S. BORROMELO**  
Director, Bureau of Construction  
This Department



Referred herewith for evaluation, comments, and/or recommendation are the Memoranda all dated April 01, 2024 of **DPWH-Cordillera Administrative Region (CAR) Director KHADAFFY D. TANGGOL** endorsing the requests of **OIC-District Engineer REX K. OYA-OY**, Benguet 2<sup>nd</sup> District Engineering Office for the project modification of the hereunder projects covered by FY2024 Annual Infrastructure Program, Based on General Appropriation Act (GAA), to wit;

As per GAA/Original			As Modified		
Project Description			Project Description		
<b>UACS No. : 300221104601000</b> <b>Project ID: P00838810LZ</b>  Convergence and Special Support Program - Basic Infrastructure Program (BIP) - Access Roads and/or Bridges from the National Road/s leading to Major/ Strategic Public Buildings/ Facilities  Improvement of Road, Sayangan Road, Barangay Paoay, Atok, Benguet			Convergence and Special Support Program - Basic Infrastructure Program (BIP) - Access Roads and/or Bridges from the National Road/s leading to Major/ Strategic Public Buildings/ Facilities  Improvement of Road, Sayangan Road, Barangay Paoay, Atok, Benguet		
Type of Work/ Physical Target	Unit Cost	Allocation	Type of Work/ Physical Target	Unit Cost	Estimated Cost
CW1 - Construction of Concrete Road / 0.425 Lane Km	P 11,647,058.82 / Lane Km.	P 4,950,000.00	CW1 - Construction of Concrete Road / 0.117 Lane Km	P 24,748,290.60/ Lane Km.	P 2,895,550.00
			CW2 - Construction of Drainage Structure along Road / 115.86 Lineal meters	P 17,732.18/ Lineal meters	P 2,054,450.00
EAO	-	P 50,000.00	EAO	-	P 50,000.00
Total:		P 5,000,000.00	Total:		P 5,000,000.00

Website: <https://www.dpwh.gov.ph>  
Tel. No(s): 5304-3000 / (02) 165-02

AG-CO-202404-01009





As per GAA/Original			As Modified		
Project Description					
<b>UACS No. : 310109101533000</b> <b>Project ID: P00802676LZ</b>					
OO1: Ensure Safe and Reliable National Road System - Asset Preservation - Rehabilitation/ Reconstruction of National Roads with Slips, Slope Collapse, and Landslide - Tertiary Roads			OO1: Ensure Safe and Reliable National Road System - Asset Preservation - Rehabilitation/ Reconstruction of National Roads with Slips, Slope Collapse, and Landslide - Tertiary Roads		
Gov. Bado Dangwa National Rd - K0275+790 - K0275+895, K0279+650 - K0279+758, K0280+250 - K0280+398, K0281+108 - K0281+200			Gov. Bado Dangwa National Rd - K0275+790 - K0275+895, K0279+650 - K0279+758, K0280+250 - K0280+398, K0281+108 - K0281+200		
Type of Work/ Physical Target	Unit Cost	Allocation	Type of Work/ Physical Target	Unit Cost	Estimated Cost
CW1 - Construction of Road Slope Protection Structure / 570 Square meters	P 10,780.00 / Square meters	P 6,144,600.00	CW1 - Construction of Road Slope Protection Structure / 513 Square meters	P 17,135.67 / Square meters	P 8,790,600.00
CW2 - Rehabilitation / Major Repair of Road Slope Protection Structure / 245.01 Square meters	P 10,799.56 / Square meters	P 2,646,000.00			
EAO	-	P 179,400.00	EAO	-	P 179,400.00
<b>Total:</b>		<b>P 8,970,000.00</b>	<b>Total:</b>		<b>P 8,970,000.00</b>

Attached for reference are the pertinent documents to support the request.

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

2.3 aap/AVS/RPBG/ERP



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



April 1, 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: Convergence and Special Support Program - Basic Infrastructure Program (BIP) - Access Roads and/or Bridges from the National Road/s leading to Major/ Strategic Public Buildings/ Facilities - Improvement of Road, Sayangan Road, Barangay Paoay, Atok, Benguet**

We are respectfully forwarding the Memorandum dated March 22, 2024 from OIC - District Engineer Rex K. Oya-oy, Benguet 2<sup>nd</sup> District Engineering Office, regarding the modification of the above project in the amount of **Five Million Pesos (Php 5,000,000.00)** as indicated below:

	FROM	TO
Project ID	P00838810LZ	
Project Title	Improvement of Road, Sayangan Road, Barangay Paoay, Atok, Benguet	Improvement of Road, Sayangan Road, Barangay Paoay, Atok, Benguet
Type of Work	CW1 - Construction of Concrete Road	CW1 - Construction of Concrete Road <b>CW2 - Construction of Drainage Structure along Road</b>
Physical Target	CW1 - <b>0.425</b> Lane Km	CW1 - <b>0.117</b> Lane Km <b>CW2 - 115.86 Lineal Meters</b>

The supporting documents based on D.O No. 23, series of 2023 are attached for your ready reference.

For the consideration of the Secretary.

**KHADAFY D. TANGGOL**  
Regional Director

CAR.1 DLBC/EFD/JWC/ABM







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



March 22, 2024

**MEMORANDUM**

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

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

**SUBJECT** : **Submission of Requirements for FY 2024 Modification of the project, Basic Infrastructure Program (BIP) - Access Roads and/or Bridges from the National Road/s leading to Major/ Strategic Public Buildings/ Facilities Improvement of Road, Sayangan Road, Barangay Paoay, Atok, Benguet**

Respectfully submitting the requirements for the modification of the FY 2024 project: "Basic Infrastructure Program (BIP) - Access Roads and/or Bridges from the National Road/s leading to Major/ Strategic Public Buildings/ Facilities Improvement of Road, Sayangan Road, Barangay Paoay, Atok, Benguet" for your endorsement.

FROM			TO		
Project Description					
<b>UACS No.: 300221104601000</b> <b>Project ID: P00838810LZ</b>					
Convergence and Special Support Program – Basic Infrastructure Program – Access Roads and/or Bridges from the National Road/s leading to Major/Strategic Public Buildings/Facilities			Convergence and Special Support Program – Basic Infrastructure Program – Access Roads and/or Bridges from the National Road/s leading to Major/Strategic Public Buildings/Facilities		
Improvement of Road, Sayangan Road, Barangay Paoay, Atok, Benguet			Improvement of Road, Sayangan Road, Barangay Paoay, Atok, Benguet		
Physical Target	Unit Cost	Allocation	Physical Target	Unit Cost	Allocation
CW-1: Construction of Concrete Road			CW-1: Construction of Concrete Road		
0.425 ln.km.	₱ 10,647,058.82	₱ 4,950,000.00	0.117 ln.km.	₱ 24,750,000.00	₱ 2,895,730.00
			CW-2: Construction of Drainage Structure along Road		
			115.86 lineal m.	₱ 17,730.45	₱ 2,054,250.00
EAO (1%)		₱ 50,000.00	EAO (1%)		₱ 50,000.00
<b>TOTAL</b>		<b>₱ 5,000,000.00</b>	<b>TOTAL</b>		<b>₱ 5,000,000.00</b>

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			
<b>4. UACS (Unified Account Code Structure as defined in GAA)</b> 300221104601000							
<b>5. Project Id</b> P00838810LZ							
<b>6. Project Category</b> Convergence and Special Support Program							
<b>7. Sub-Program (P/A/P)</b> Basic Infrastructure Program (BIP) - Access Roads and/or Bridges from the National Road/s leading to Major/ Strategic Public Buildings/ Facilities							
<b>8. Operating Unit</b> Central Office				<b>18. Operating Unit (Change subject to DBM approval)</b> Central Office			
<b>9. Type of Work (Enter Details for all Components below)</b>							
Component ID		Type of Work		Component ID		Type of Work	
CW1		Construction of Concrete Road		CW1		Construction of Concrete Road	
				CW2		Construction of Drainage Structure along Road	
<b>10. PROJECT DESCRIPTION (as recorded in GAA)</b> Improvement of Road, Sayangan Road, Barangay Paoay, Atok, Benguet							
<b>20. PROJECT DESCRIPTION (of the revised project)</b> Improvement of Road, Sayangan Road, Barangay Paoay, Atok, Benguet							
<b>11. ALLOTMENT (P'000) (as recorded in GAA)</b> 5,000				<b>21. REVISED ESTIMATED COST (P'000) (Equal to, or lower than GAA allotment)</b> 5,000		<b>22. CAF (To be obtained from Financial Management office)</b> <input checked="" type="checkbox"/> YES	
<b>12. PHYSICAL TARGET (Enter Details for all Components below)</b>							
Component ID		Target	Target Unit	Component ID		Target	Target Unit
CW1		0.425	Lane Km	CW1		0.117	Lane Km
				CW2		115.86	Lineal Meters (lm)
<b>13. UNIT COST (Enter Details for all Components below)</b>							
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		4,950.00	11,647.05882	CW1		2,895.750 ✓	24,750.000
				CW2		2,054.250 ✓	17.73045
EAO		50		EAO		50	
<b>14. PROJECT WORK LOCATION (Must be defined in strict accordance with DO 65 Series 2014)</b>							
Start X	120.766595	End X	120.767514	Start X	120.766595	End X	120.767514
Start Y	16.627146	End Y	16.626975	Start Y	16.627146	End Y	16.626975
<b>15. ROAD CLASSIFICATION (if applicable)</b>							
<b>26. ROAD CLASSIFICATION (if applicable)</b>							



## Tables for Modification Request Form

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

Benguet Second District Engineering Office

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

Planned Start Date

05/03/2024

Planned End Date

07/23/2024

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

Benguet Second District Engineering Office

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

Planned Start Date

05/03/2024

Planned End Date

07/23/2024

**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)

*The decrease in physical target for CW1 – Construction of Concrete Road from 0.425 lane kilometers to 0.117 lane kilometers and the addition of CW2 – Construction of Drainage Structure along road are due to the following:*

- The addition of another component, CW2 – Construction of Drainage Structure along Road was deemed necessary due to the need to replace the existing riprap open line canal since the proposed road will run directly above the canal due to space constraint in the project site.*
- The increase in the unit cost in CW1 is attributed to the need to reinforce the proposed PCCP with steel bars to increase the moving load capacity, and to incorporate slope protection structures along the road to avoid erosion.*
- Another factor that contributed to the increase in the unit cost of CW1 is the need to remove various obstructions such as old septic vaults, and the massive earthworks involved, excavation of 717.41 cu.m and embankment of 156.65 cu.m.*
- The physical target was adjusted since the actual distance from the end of the existing road, which is the start of the proposed roadline, to the National Road is 117 meters only.*
- The derived unit cost is based on the approved Program of Work (POW) with Detailed Unit Price Analysis (DUPA).*
- The unit cost has also been evaluated and reviewed by the Bureau of Construction (BOC). See attached Evaluation of the Bureau of Construction for this project dated April 24, 2024.*
- See attached Certificate of Reasonableness of Estimates approved by the Regional Director.*

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

**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  
Office: Benguet 2nd District Engineering Office

Position: Engineer II  
Date:

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

Name:   
LAWRENCE D. ROMERO  
Position: O/C - Chief, Planning and Design Section  
Date:

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

Name:   
REX K. OJEDA  
Position: OIC - District Engineer  
Date:

### 38. REVIEWED BY REGIONAL OFFICE

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

### 39. RECOMMENDED BY REGIONAL OFFICE

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



# Tables for Modification Request Form

UACS (Unified Account Code Structure as defined in GAA)

300221104601000

Project Id

P00838810LZ

## 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:

4/4/24

4/10/24

## 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

*Anna Andrea M. Noche*

Signature:

*Peter Paul R. Cortez*

Position:

Regional Coordinator

Position:

OIC - Chief of Programming Division

Date:

05-03-24

Date: