



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

P/A/P 1 (001, 002, CSSP, LP):	Appropriation Source:	FY 2024 GAA
CONVERGENCE AND SPECIAL SUPPORT PROGRAM	UACS:	300221104601000
P/A/P 2 (Program):	Project ID:	P00838810LZ
Basic Infrastructure Program (BIP)	Region:	Cordillera Administrative Region
P/A/P 3 (Sub-Program):	Implementing Office:	Benguet 2nd District Engineering Office
BIP - Access Roads and/or Bridges from the National Road/s leading to Major/ Strategic Public Buildings/ Facilities	Appropriation (Php):	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 Estimate by: 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/s
- B.1.2 Change in Location (for non-existent locations only)
- B.1.3 Change in Station Limits
- B.1.4 Addition/ Deletion of Word/s

B.2 **PROJECT MODIFICATION/ADJUSTMENTS ON PROJECT COMPONENTS**

- B.2.1 Change in Targets
- B.2.2 Change in Scope of Work
- B.2.3 Change in Component Amount
 - B.2.3.1 Addition of Component (including excess amount)
 - B.2.3.2 Deletion of Component
 - B.2.3.3 Movement of Funds between Components

DPWH - OSEC RECEIVED
 MAY 15 2024
 By: _____ Time: _____
 Control No: 24-0885
 IDTS No: 67048

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 Provisions
- D.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 S. 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 Secretary
- E.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;

<i>As per GAA/Original</i>			<i>As Modified</i>		
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 ✓ 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	₱ 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	₱ 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

Au-cv-202404-01234

- 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 (%)
CW-1	Construction of Concrete Road		
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%
CW-2	Construction of Drainage Structure along Road			
Part F	Plain Reinforced Structures	P	2,054,453.91	41.50%
	GRAND TOTAL	P	4,950,008.79	100.00%

CW1-Construction of Concrete Road

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

(Except Part B)

CW2-Construction of Drainage Structure along Road

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

(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.

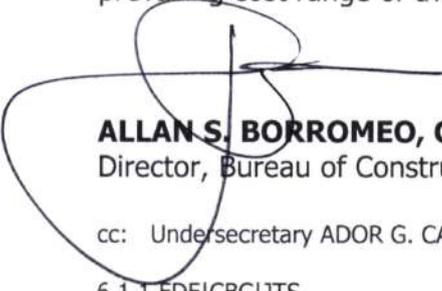
PROJECT NO. 2

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%
	GRAND TOTAL	P 8,790,608.08	100.00%

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 2nd
Ref. No. BOC- 6.1-305-5058/6.1.1-234-01

305-5058



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



April 16, 2024



MEMORANDUM

TO : **ALLAN S. BORROMEO**
 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 2nd 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					
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 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	₱ 11,647,058.82 / Lane Km.	₱ 4,950,000.00	CW1 - Construction of Concrete Road / 0.117 Lane Km	₱ 24,748,290.60/ Lane Km.	₱ 2,895,550.00
			CW2 - Construction of Drainage Structure along Road / 115.86 Lineal meters	₱ 17,732.18/ Lineal meters	₱ 2,054,450.00
EAO	-	₱ 50,000.00	EAO	-	₱ 50,000.00
Total:		₱ 5,000,000.00	Total:		₱ 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					
UACS No. : 310109101533000 Project ID: P00802676LZ 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			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		
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
Total:		P 8,970,000.00	Total:		P 8,970,000.00

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

EUGENIO R. PIPO, 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 2nd 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 CW2 - Construction of Drainage Structure along Road
Physical Target	CW1 - 0.425 Lane Km	CW1 - 0.117 Lane Km CW2 - 115.86 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 DLBC/EFD/JWC/ABM





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					
UACS No.: 300221104601000 Project ID: P00838810LZ 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					
Physical Target			Physical Target		
Unit Cost			Unit Cost		
Allocation			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	₱ 2,004,280.00
EAO (1%)		₱ 50,000.00	EAO (1%)		₱ 50,000.00
TOTAL		₱ 5,000,000.00	TOTAL		₱ 5,000,000.00

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) 300221104601000					
5. Project Id P00838810LZ					
6. Project Category Convergence and Special Support Program					
7. Sub-Program (P/A/P) Basic Infrastructure Program (BIP) - Access Roads and/or Bridges from the National Road/s leading to Major/ Strategic Public Buildings/ 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)					
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	
10. PROJECT DESCRIPTION (as recorded in GAA) Improvement of Road, Sayangan Road, Barangay Paoay, Atok, Benguet			20. PROJECT DESCRIPTION (of the revised project) Improvement of Road, Sayangan Road, Barangay Paoay, Atok, Benguet		
11. ALLOTMENT (P'000) (as recorded in GAA) 5,000			21. REVISED ESTIMATED COST (P'000) (Equal to, or lower than GAA allotment) 5,000		22. CAF (To be obtained from Financial Management office) <input checked="" type="checkbox"/> YES
12. PHYSICAL TARGET (Enter Details for all Components below)					
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)
13. 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	4,950.00	11,647.05882	CW1	2,895.750 ✓	24,750.000
			CW2	2,054.250 ✓	17.73045
EAO	50		EAO	50	
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	120.766595	End X	120.767514	Start X	120.766595
Start Y	16.627146	End Y	16.626975	Start Y	16.627146
15. ROAD CLASSIFICATION (if applicable)			26. ROAD CLASSIFICATION (if applicable)		

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: 
KHADAFFY 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. SOBREVÍÑAS, JR.

Signature




Position:

Project Manager I

Project Manager III

Date:

4/4/24

4/24/24

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:

05-03-24

Date: