



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



July 16, 2024

**MEMORANDUM**

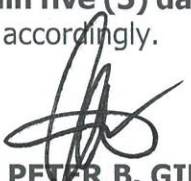
**TO :** **KHADAFFY D. TANGGOL**  
Regional Director  
DPWH-Cordillera Administrative Region (CAR)  
Engineer's Hill, Baguio City

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

Transmitted herewith are the **APPROVED** requests for the **modification** of hereunder stated projects:

1. 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 - *Construction of Poblacion Dalingoan - Sinacbat Road (Phase II), Bakun, Benguet* - - - - - **P153,000,000.00.**
2. 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 - *Construction of Sagpat, Kibungan, Benguet to Santol, La Union Road (Phase II), Kibungan, Benguet* - - - - - **P153,000,000.00.**

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: 06/26/2024

<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>	300215103560000
<b>P/A/P 2 (Program):</b>	<b>Project ID:</b>	P00837870LZ
Sustainable Infrastructure Projects Alleviating Gaps (SIPAG)	<b>Region:</b>	Cordillera Administrative Region
<b>P/A/P 3 (Sub-Program):</b>	<b>Implementing Office:</b>	Benguet 2nd District Engineering Office
SIPAG - Access Roads and/or Bridges from the National Road/s leading to Major/ Strategic Public Buildings/ Facilities	<b>Appropriation (Php):</b>	153,000,000

## Name of Project per GAA:

Construction of Sagpat, Kibungan, Benguet to Santol, La Union Road (Phase II), Kibungan, Benguet

## A Justification for Modification:

- During the validation, the end-users requested that instead of constructing the road around the mountain, tunneling (located around 5.66 km from the start of the road and is estimated to be about 120 m in length) will be introduced which will run through the mountain. Furthermore, it was agreed upon by the end-users and LGU that the opening of road will be prioritized, and that they will find another source of fund for the tunneling. Due to this, the physical target decreased.
- The gabion structures will serve as containment wall for the excavated materials and the slope protection structures will help prevent soil erosion along sections that has very steep slopes.
- The provisions of RCPC (Type II) is deemed necessary in order to properly address/convey the water run-off during rainy season to its natural waterway. This will help prevent water accumulation and protect the open road from scouring.
- The increase in the unit cost is attributed to the massive earthwork, 20,475.30 cu.m soft rock, 107,236.40 cu.m. hard rock, 31,166 cu.m. common earth and embankment of 22,863.50 cu.m. Another factor contributing to this increase is the necessity to construct gabion structure at the identified disposal sites for the excavated materials and to provide slope protection structures along sections that has very steep slopes.

A.1 ☒ Certificate of Reasonableness of Cost Estimate approved by: RD Khadaffy D. Tanggol dated: May 08, 2024

## B. PER PLANNING SERVICE EVALUATION

B.1 ☐ PROJECT MODIFICATION ON PROJECT DESCRIPTIONB.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 COMPONENTSB.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 Gravel Road	Construction of Gravel Road	16.938 lane km	6.858 lane km	146.98%	-59.51%
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):

- 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

DPWH - OSEC  
RECEIVED  
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Republic of the Philippines  
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS  
**OFFICE OF THE SECRETARY**  
Manila



June 13, 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. : 300215103560000 , Project ID: P00837870LZ ,  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 .  Construction of Sagpat, Kibungan, Benguet to Santol, La Union Road (Phase II), Kibungan, Benguet .			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 .  Construction of Sagpat, Kibungan, Benguet to Santol, La Union Road (Phase II), Kibungan, Benguet .		
Type of Work/ Physical Target	Unit Cost	Allocation	Type of Work/ Physical Target	Unit Cost	Estimated Cost
CW1- Construction of Gravel Road / 16.938 lane km. .	₱ 8,716,790.65 / Lane km. .	₱ 147,645,000	CW1- Construction of Gravel Road / 6.858 lane km. .	₱ 21,528,871.39 / Lane km. .	₱ 147,645,000
EAO	-	₱ 5,355,000	EAO	-	₱ 5,355,000
Total:		₱ 153,000,000	Total:		₱ 153,000,000

**Justification:**

The decrease in physical target for CW1 – Construction of Gravel Road from 16.938 lane kilometers to 6.858 lane kilometers and increase in the unit cost are due to the following:

- During the validation, the end-users requested that instead of constructing the road around the mountain, tunneling (located around 5.66 km from the start of the road and is estimated to be about 120 m in length) will be introduced which will run through the mountain. Furthermore, it was agreed upon by the end-users and LGU that the opening of road will be prioritized, and that they will find another source of fund for the tunneling. Due to this, the physical target decreased.
- The gabion structures will serve as containment wall for the excavated materials and the slope protection structures will help prevent soil erosion along sections that has very steep slopes.
- The provisions of RCPC (Type II) is deemed necessary in order to properly address/convey the water run-off during rainy season to its natural waterway. This will help prevent water accumulation and protect the open road from scouring.
- The increase in the unit cost is attributed to the massive earthwork, 20,475.30 cu.m soft rock, 107,226.40 cu.m. hard rock, 31,166 cu.m. common earth and embankment of 22,863.50 cu.m. Another factor contributing to this increase is the necessity to construct gabion structure at the identified disposal sites for the excavated materials, and to provide slope protection structures along sections that has very steep slopes.

PH-CO-202406-02279

- 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: Approved Program of Works (POW), Detailed Engineering Design (DED), Certificate of Availability of Funds, BP202, Geotagged Photos, GIS Map, Environmental Clearances, Source Map, 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. 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



WIN4E03556





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 the Approval of Modification of Two (2) Projects under FY 2024 General Appropriations Act: 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.) P00837870LZ: Construction of Sagpat, Kibungan, Benguet to Santol, La Union Road (Phase II), Kibungan, Benguet
- 2.) P00837868LZ: Construction of Poblacion Dalingoan - Sinacbat Road (Phase II), Bakun, Benguet

Forwarded herewith are the results of the evaluation for the above-mentioned requests.

### PROJECT NO. 1

The requested amount of **P153,000,000.00** (inclusive of EAO) for the **6.858 lane kilometer** of the construction of gravel road in Kibungan, 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 Works (POW) and Detailed Engineering Design Plan, and other pertinent documents, duly approved by the District Engineer, DPWH - Benguet 2<sup>nd</sup> District Engineering Office.

### SCOPE OF WORK

ITEM NO.	DESCRIPTION	AMOUNT (Total Cost)	PERCENT WEIGHT (%)
Part B	Other General Requirements	P 2,740,005.67	1.856%
Part C	Earthworks	P 130,479,827.10	88.374%
Part D	Subbase and Base Course	P 4,319,930.55	2.926%
Part F	Bridge Construction	P 178,063.09	0.121%
Part G	Drainage and Slope Protection Structures	P 9,677,662.79	6.555%
Part H	Miscellaneous Structures	P 249,517.80	0.169%
<b>GRAND TOTAL</b>		<b>P 147,645,007.00</b>	<b>100.00%</b>

Cost per lane kilometer  
(Excludes Part B)

$$\frac{P144,905,001.33}{6.858 \text{ lane kilometer}} = \text{P } 21,129,338.19 / \text{ lane kilometer}$$

The estimated cost of **P21,129,338.19** per lane kilometer is due to the design requirements as reflected in the approved design considering the appropriate Pay Items under Parts C, D, F, G and H. The said unit cost per lane kilometer includes provision of 31,166.00 cubic meter of surplus common excavation, 20,475.30 cubic meter of surplus rock excavation (soft), 107,236.40 cubic meter of surplus rock excavation (hard), and 22,863.50 cubic meter of embankment from roadway excavation, which accounts to **88.374%** of the total construction cost. Hence, it is considered **reasonable as the Unit Costs** of the items of work involved are within the range of the prevailing cost of the Department.

## PROJECT NO. 2

The requested amount of **P153,000,000.00** (inclusive of EAO) for the **6.3 lane kilometer** of the construction of gravel road in Bakun, 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 Works (POW) and Detailed Engineering Design Plan, and other pertinent documents, duly approved by the District Engineer, DPWH - Benguet 2<sup>nd</sup> District Engineering Office.

## SCOPE OF WORK

ITEM NO.	DESCRIPTION	AMOUNT (Total Cost)	PERCENT WEIGHT (%)
Part B	Other General Requirements	P 1,435,721.94	0.972%
Part C	Earthworks	P 134,377,790.50	91.014%
Part D	Subbase and Base Course	P 6,034,033.89	4.087%
Part G	Drainage and Slope Protection Structures	P 5,631,124.57	3.814%
Part H	Miscellaneous Structures	P 166,345.20	0.113%
<b>GRAND TOTAL</b>		<b>P 147,645,016.10</b>	<b>100.00%</b>

Cost per lane kilometer  
(Excludes Part B)

$$\frac{P146,209,294.16}{6.3 \text{ lane kilometer}} = \text{P } 23,207,824.47 / \text{ lane kilometer}$$



The estimated cost of **P23,207,824.47** per lane kilometer is due to the design requirements as reflected in the approved design considering the appropriate Pay Items under Parts C, D, G and H. The said unit cost per lane kilometer includes provision of 3,688.50 cubic meter of surplus common excavation, 21,031.00 cubic meter of surplus rock excavation (soft), 121,363.30 cubic meter of surplus rock excavation (hard), and 2,526.20 cubic meter of embankment from roadway excavation, which accounts to **91.014%** of the total construction cost. Hence, it is considered reasonable as the Unit Costs of the items of work involved are within the range of the prevailing cost of the Department.



**ALLAN S. BORROME0, CESO III**  
Director, Bureau of Construction

cc: Undersecretary ADOR G. CANLAS, CESO IV, for Technical Services and Information Management Service (IMS)  
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 – CAR  
OIC-District Engineer REX K. OYA-OY, DPWH – Benguet 2nd District Engineering Office

6.1.1 JCE/CBC/JTS/MIP  
06042024-Benguet2ndDEO-Modification-P00837870&P00837868LZ  
BOC Ref. No.: 6.1-93-7278  
PCD Ref. No.: 6.1.1-398-02

93-  
7288



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



May 29, 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 May 20, 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					
<b>UACS No. : 300215103560000</b> <b>Project ID: P00837870LZ</b>  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  Construction of Sagpat, Kibungan, Benguet to Santol, La Union Road (Phase II), Kibungan, Benguet			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  Construction of Sagpat, Kibungan, Benguet to Santol, La Union Road (Phase II), Kibungan, Benguet		
Type of Work/ Physical Target	Unit Cost	Allocation	Type of Work/ Physical Target	Unit Cost	Estimated Cost
CW1- Construction of Gravel Road / 16. 938 lane km.	₱ 8,716,790.65 / Lane km.	₱ 147,645,000	CW1- Construction of Gravel Road / <b>6.858</b> lane km.	<b>₱ 21,528,871.39</b> / Lane km.	₱ 147,645,000
EAO	—	₱ 5,355,000	EAO	—	₱ 5,355,000
<b>Total:</b>		<b>₱ 153,000,000</b>	<b>Total:</b>		<b>₱ 153,000,000</b>

①

As per GAA/Original			As Modified		
Project Description					
<b>UACS No. : 300215103558000</b> <b>Project ID: P00837868LZ</b>  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  Construction of Poblacion Dalingoan - Sinacbat Road (Phase II), Bakun, Benguet			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  Construction of Poblacion Dalingoan - Sinacbat Road (Phase II), Bakun, Benguet		
Type of Work/ Physical Target	Unit Cost	Allocation	Type of Work/ Physical Target	Unit Cost	Estimated Cost
CW1- Construction of Gravel Road / 16. 938 lane km.	₱ 8,716,790.65 / Lane km.	₱ 147,645,000	CW1- Construction of Gravel Road / 6.3 lane km.	₱ 23,435,714.29 / Lane km.	₱ 147,645,000
EAO	—	₱ 5,355,000	EAO	—	₱ 5,355,000
Total:		₱ 153,000,000	Total:		₱ 153,000,000

②

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

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

AU-co - 202405 - 01987





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



May 20, 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 (CSSP): Sustainable Infrastructure Projects Alleviating Gaps (SIPAG) - Access Roads and/or Bridges from the National Road/s leading to Major/ Strategic Public Buildings/ Facilities - Construction of Sagpat, Kibungan, Benguet to Santol, La Union Road (Phase II), Kibungan, Benguet**

We are respectfully forwarding the Memorandum dated May 13, 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 **One Hundred Fifty Three Million Pesos (Php 153,000,000.00)** as indicated below:

	FROM	TO
Project ID	P00837870LZ	
Project Title	Construction of Sagpat, Kibungan, Benguet to Santol, La Union Road (Phase II), Kibungan, Benguet	Construction of Sagpat, Kibungan, Benguet to Santol, La Union Road (Phase II), Kibungan, Benguet
Type of Work	CW1 – Construction of Gravel Road	CW1 – Construction of Gravel Road
Physical Target	CW1 – <b>16.938</b> Lane Km	CW1 – <b>6.858</b> Lane Km
Allocation	CW1 – Php 147,645,000.00 EAO – Php 5,355,000.00	CW1 – Php 147,645,000.00 EAO – Php 5,355,000.00

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 DLBC/EFD/JWC/AOD



Republic of the Philippines  
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS  
**BENGUET 2<sup>ND</sup> 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, SIPAG - Access Roads and/or Bridges from the National Road/s leading to Major/Strategic Public Buildings/Facilities: Construction of Sagpat, Kibungan, Benguet to Santol, La Union Road (Phase II), Kibungan, Benguet**

Respectfully submitting the requirements for the modification of the FY 2024 project: "SIPAG - Access Roads and/or Bridges from the National Road/s leading to Major/Strategic Public Buildings/Facilities: Construction of Sagpat, Kibungan, Benguet to Santol, La Union Road (Phase II), Kibungan, Benguet" for your endorsement.

FROM			TO		
Project Description					
<b>UACS No. : 300215103560000</b> <b>Project ID : P00837870LZ</b>					
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			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		
Construction of Sagpat, Kibungan, Benguet to Santol, La Union Road (Phase II), Kibungan, Benguet			Construction of Sagpat, Kibungan, Benguet to Santol, La Union Road (Phase II), Kibungan, Benguet		
Physical Target	Unit Cost	Allocation	Physical Target	Unit Cost	Allocation
CW-1: Construction of Gravel Road			CW-1: Construction of Gravel Road		
<b>16.938</b> ln.km	<b>₱ 8,716,790.65</b>	₱ 147,645,000.00	<b>6.858</b> ln.km	<b>₱ 21,528,871.39</b>	₱ 147,645,000.00
EAO (3.5%)		₱ 5,355,000.00	EAO (3.5%)		₱ 5,355,000.00
<b>TOTAL</b>		<b>₱ 153,000,000</b>	<b>TOTAL</b>		<b>₱ 153,000,000</b>

For your review.

  
**REX K. OYA-OY**  
OIC – District Engineer

CAR.17.1/VBC/LDR/EPM



# Modification Request Form

DPWH-QMSP-03-01 Rev 01

A. GENERAL							
<b>1. REGION</b> Cordillera Administrative Region		<b>2. DEO</b> Benguet Second District Engineering Office		<b>3. LEGISLATIVE DISTRICT</b> BENGUET (LONE DISTRICT)			
B. ORIGINAL PROJECT				C. PROPOSED REVISED PROJECT			
<b>4. UACS (Unified Account Code Structure as defined in GAA)</b> 300215103560000							
<b>5. Project Id</b> P00837870LZ							
<b>6. Project Category</b> Convergence and Special Support Program							
<b>7. Sub-Program (P/A/P)</b> Sustainable Infrastructure Projects Alleviating Gaps (SIPAG) - 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>				<b>19. Type of Work (Enter Details for all Components below)</b>			
<b>Component ID</b>	<b>Type of Work</b>			<b>Component ID</b>	<b>Type of Work</b>		
CW1	Construction of Gravel Road			CW1	Construction of Gravel Road		
<b>10. PROJECT DESCRIPTION (as recorded in GAA)</b> Construction of Sagpat, Kibungan, Benguet to Santol, La Union Road (Phase II), Kibungan, Benguet				<b>20. PROJECT DESCRIPTION (of the revised project)</b> Construction of Sagpat, Kibungan, Benguet to Santol, La Union Road (Phase II), Kibungan, Benguet			
<b>11. ALLOTMENT (P'000) (as recorded in GAA)</b> 153,000				<b>21. REVISED ESTIMATED COST (P'000) (Equal to, or lower than GAA allotment)</b> 153,000		<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>				<b>23. PHYSICAL TARGET (Enter Details for all Components below)</b>			
<b>Component ID</b>	<b>Target</b>	<b>Target Unit</b>		<b>Component ID</b>	<b>Target</b>	<b>Target Unit</b>	
CW1	16.938	Lane Km		CW1	6.858	Lane Km	
<b>13. UNIT COST (Enter Details for all Components below)</b>				<b>24. UNIT COST (Enter Details for all Components below)</b>			
<b>Component ID</b>	<b>Component Cost (P'000)</b>	<b>Target Unit Cost (P'000/Target Unit)</b>		<b>Component ID</b>	<b>Component Cost (P'000)</b>	<b>Target Unit Cost (P'000/Target Unit)</b>	
CW1	147,645	8,716.79065		CW1	147,645	21,528.87139	
EAO	5,355			EAO	5,355		
<b>14. PROJECT WORK LOCATION (Must be defined in strict accordance with DO 65 Series 2014)</b> Construction of Sagpat, Kibungan, Benguet to Santol, La Union Road (Phase II), Kibungan, Benguet				<b>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 and MVUC)</b> Construction of Sagpat, Kibungan, Benguet to Santol, La Union Road (Phase II), Kibungan, Benguet			
<b>Start X</b>	120.604097	<b>End X</b>	120.585419	<b>Start X</b>	120.604097	<b>End X</b>	120.585419
<b>Start Y</b>	16.680431	<b>End Y</b>	16.690683	<b>Start Y</b>	16.680431	<b>End Y</b>	16.690683
<b>15. ROAD CLASSIFICATION (if applicable)</b>				<b>26. ROAD CLASSIFICATION (if applicable)</b>			

## Modification Request Form

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<b>16. IMPLEMENTING OFFICE (Record the Implementing Office of the original project)</b> Benguet Second District Engineering Office		<b>27. IMPLEMENTING OFFICE (Record the Implementing Office of the proposed revised project)</b> Benguet Second District Engineering Office	
<b>17. PROJECT IMPLEMENTATION PLAN (PIP)</b>		<b>28. PROJECT IMPLEMENTATION PLAN (PIP)</b>	
<b>Planned Start Date</b> 06/14/2024	<b>Planned End Date</b> 04/12/2025	<b>Planned Start Date</b> 06/14/2024	<b>Planned End Date</b> 04/12/2025
<b>29. OVERLAP?</b> <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES		<b>30. UNDER WARRANTY?</b> <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 decrease in physical target for CW1 – Construction of Gravel Road from 16.938 lane kilometers to 6.858 lane kilometers and increase in the unit cost are due to the following:*

- During the validation, the end-users requested that instead of constructing the road around the mountain, tunneling (located around 5.66 km from the start of the road and is estimated to be about 120 m in length) will be introduced which will run through the mountain. Furthermore, it was agreed upon by the end-users and LGU that the opening of road will be prioritized, and that they will find another source of fund for the tunneling. Due to this, the physical target decreased.*
- The gabion structures will serve as containment wall for the excavated materials and the slope protection structures will help prevent soil erosion along sections that has very steep slopes.*
- The provisions of RCPC (Type II) is deemed necessary in order to properly address/convey the water run-off during rainy season to its natural waterway. This will help prevent water accumulation and protect the open road from scouring.*
- The increase in the unit cost is attributed to the massive earthwork, 20,475.30 cu.m soft rock, 107,236.40 cu.m. hard rock, 31,166 cu.m. common earth and embankment of 22,863.50 cu.m. Another factor contributing to this increase is the necessity to construct gabion structure at the identified disposal sites for the excavated materials, and to provide slope protection structures along sections that has very steep slopes.*
- 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: Approved Program of Works (POW), Detailed Engineering Design (DED), Certificate of Availability of Funds, BP202, Geotagged Photos, GIS Map, Environmental Clearances, Source Map, Certificate of Reasonableness of Unit Cost, and Evaluation from the BOC.*

**33. PHOTOS SUBMITTED**

☐ NO     
 ☒ YES

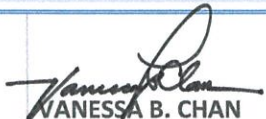

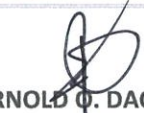



**34. A MAP OF THE PROPOSED PROJECT WORK LOCATION SUBMITTED**

☐ NO     
 ☒ YES



# Modification Request Form

DPWH-QMSP-03-01 Rev 01

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 O. 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 L. OYA-OY	Name:	 KHADAFFY D. TANGGOL
Position:	OIC - District Engineer	Position:	Regional Director
Date:		Date:	

# Modification Request Form

DPWH-QMSP-03-01 Rev 01

**UACS (Unified Account Code Structure as defined in GAA)**

300215103560000

**Project Id**

P00837870LZ

## 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**

<b>Name:</b>	Engr. MANUEL L. SINGSON	Engr. ANTONIO V. SOBREVINAS, JR.
<b>Signature</b>		
<b>Position:</b>	Project Manager I	Project Manager III
<b>Date:</b>	6/10/24	6/13/24

## 41. DPWH PLANNING SERVICE

<b>Category of Modification</b> (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**

<b>Name:</b>	ANNA ANDREA M. NOCHE	<b>Name:</b>	PETER PAUL R. CORTEZ
<b>Signature</b>		<b>Signature:</b>	
<b>Position:</b>	Regional Coordinator	<b>Position:</b>	OIC - Chief of Programming Division
<b>Date:</b>	6-26-24	<b>Date:</b>	



# Modification Request Form

DPWH-QMSP-03-01 Rev 01

**UACS (Unified Account Code Structure as defined in GAA)**

300215103560000

**Project Id**

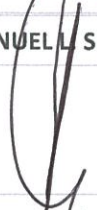
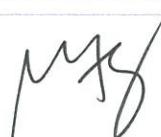
P00837870LZ

## 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

<b>Name:</b>	Engr. MANUEL SINGSON	Engr. ANTONIO V. SOBREVINAS, JR.
<b>Signature</b>		
<b>Position:</b>	Project Manager I	Project Manager III
<b>Date:</b>	5/29/24	5/28/24

## 41. DPWH PLANNING SERVICE

<b>Category of Modification</b> (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
---	--

Reviewed by Planning Service

<b>Name:</b>	ANNA ANDREA M. NOCHE	<b>Name:</b>	PETER PAUL R. CORTEZ
<b>Signature</b>		<b>Signature:</b>	
<b>Position:</b>	Regional Coordinator	<b>Position:</b>	OIC - Chief of Programming Division
<b>Date:</b>		<b>Date:</b>	