



Republic of the Philippines  
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS  
QUALITY MANAGEMENT SYSTEM

ABRA DISTRICT ENGINEERING OFFICE  
Bangued, Abra

REFERRAL / ACTION SLIP

FOR/TO: DE J.T. ARAO  
SOURCE: E. PIPO JR.  
SUBJECT: Approved request for Modification (Rehab. of Rd., Lagayan, Abra)  
Php 99,980,000.00

Reference No.: CAR.9-262-CO496

DATE: JULY 5, 2023

	URGENT, PLEASE RUSH
	See me / Let's Discuss
	Draft Reply
	For Review/ Initial
	For Compliance
	For Comment / Recommendation
	For Review / Evaluation
	For Appropriate Action
	For Information / Reference
	For Dissemination
	For File
	Return Document/s to me

DEADLINE: \_\_\_\_\_

JOSELITTO T. ARAO

District Engineer



Republic of the Philippines  
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS  
Quality Management System

ABRA DISTRICT ENGINEERING OFFICE

RMD-HRAS ROUTING SLIP

Reference No.: CAR.9-262-CO496

SOURCE: E. PIPO JR. DATE: JULY 5, 2023

TO:

District Engineer JOSELITTO T. ARAO

Asst. District Engineer EDWIN T. BRINGAS

Administrative Officer ARNEL N. BRILLANTES

Section

Others

PDS-

Note: Action must be taken within 15 days from receipt of correspondence pursuant to the Provision of Sec 5(s) RA 6713



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

June 29, 2023

**MEMORANDUM**

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

**ATTENTION :** **JOSELITO T. ARAO**  
District Engineer  
Abra District Engineering Office  
Bangued, Abra

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

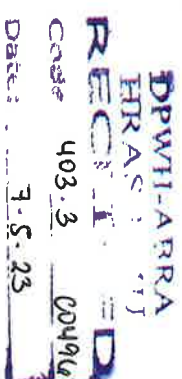
1. CONVERGENCE AND SPECIAL SUPPORT PROGRAM - Sustainable Infrastructure Projects Alleviating Gaps (SIPAG) - Access Roads and/or Bridges from the National Road/s leading to Major/ Strategic Public Buildings/ Facilities, Rehabilitation of Road, Lagayan, Abra - - - **P99,980,000.00**

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.

  
**EDGENIO R. PIPO, JR.**

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

2.3 mksa/AVS/RPBG/ERP





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

June 29, 2023

**MEMORANDUM**

**TO :** **KHADAFY D. TANGGOL**  
Regional Director  
DPWH-CAR  
Engineer's Hill, Baguio City

**ATTENTION :** **JOSELITO T. ARAO**  
District Engineer  
Abra District Engineering Office  
Bangued, Abra

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

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, Rehabilitation of Road, Lagayan, Abra - - - **₱99,980,000.00**

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.

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

2.3 mksa/AVS/RPBG/ERP



# Programming Division Evaluation Sheet

Name of Project:

Project ID: **P00736246LZ**

Rehabilitation of Road, Lagayan, Abra

Implementing Office: Abra District Engineering Office

Appropriation: 99,980,000

Date: 05/31/2023

## A. TYPE OF REQUEST

A.1 ☒ **Change in Implementing Office/Operating Unit due to**

A.1.1 ☐ Geographical Jurisdiction  
A.1.2 ☐ Approval of Authority to Bid/Implement

A.2 ☒ **PROJECT MODIFICATION/ADJUSTMENTS**

A.2.1 ☐ Typographical Error/s  
A.2.2 ☐ Change in Location (for non-existent locations only)  
A.2.3 ☐ Change in Station Limits  
A.2.4 ☐ Addition/Deletion of Word/s  
A.2.5 ☒ Change in Project Component/s Details  
A.2.5.1 ☒ Change in Targets  
Change in Scope of Work from \_\_\_\_\_ to \_\_\_\_\_



## B. EVALUATION

B.1 ☒ ALLOWED as per the GAA Provisions  
B.2 ☐ NOT ALLOWED as per the GAA Provisions

C. **FUND SOURCE FY 2023 GAA, R.A. 11936**

C.1 ☐ for issuance of SARO ( ☐ Released ☐ Unreleased)  
C.2 ☒ released thru GAAAO

Amount: 99,980,000

## D. IMPACT:

D.1 Condition/s: \_\_\_\_\_  
\_\_\_\_\_ % decrease in unit cost  
52.85 % increase in unit cost  
34.58 % decrease in physical target  
\_\_\_\_\_ % Increase in physical target

D.2 ☐ Additional Project Component  
D.3 ☒ Certificate of Cost Reasonableness by RD

D.4 Remarks:

E. Approving Authority as per D.O. 13, s. 2023, Guidelines on Modification of Allotment under the GAA

E.1 ☐ Undersecretary for Operations  
E.2 ☒ Secretary

Evaluated By:

A. B. S. BOTE  
Director, Planning Service

Noted By:

CONSTANTE A. LLANES, JR., CESO III  
Assistant Secretary, Planning Service

Project ID: **P00736246LZ**

FOR SECRETARY MANUEL M. BONUAN OR

ACTION SLIP

Date:

REMARKS:

☒ Reviewed by Planning Service  
☐ Recommended for Approval  
Remarks:

MARIA CATALINA E. CABRAL, CESO I, Ph.D.  
Undersecretary for Planning and PPP Services



DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS  
**OFFICE OF THE SECRETARY**  
Manila

May 29, 2023

**MEMORANDUM**

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

This refers to the memorandum dated 24 May 2023 of **DPWH CAR Regional Director KHADAFY D. TANGGOL**, endorsing the request of District Engineer **JOSELITO T. ARAO** of **Abra District Engineering Office** for the **modification** of the project under FY 2023 GAA, to wit;

As per GAA/Original		As Modified			
Project Description					
UACS No.:300215102420000 Project ID:P00736246LZ					
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,			
Rehabilitation of Road, Lagayan, Abra		Rehabilitation of Road, Lagayan, Abra			
Type of Work/ Physical Target	Unit Cost	Allocation	Type of Work/ Physical Target	Unit Cost	Estimated Cost
CW1- Rehabilitation of Concrete Road / 11.381 Lane Km	₱8,477,348.21/ Lane Km	₱96,480,700.00	CW1- Rehabilitation of Concrete Road / 7.446 Lane Km	₱12,957,386.52/ Lane Km	₱96,480,700.00
EA0	-	₱3,499,300.00	EA0	₱25.84/m.	₱3,499,300.00
Total:		₱99,980,000.00	Total:		₱99,980,000.00
Justification:					
<ul style="list-style-type: none"><li>The increase in unit cost is due to the inclusion of stone masonry slope protection structure, consisting 17.84% of the project cost, which is necessary in the varying slope of the project location which is a mountainous terrain, thereby resulting to the decrease in physical target from 11.381 Lane Km to 7.446 Lane Km.</li><li>Adjustments and updates in Construction materials price data and equipment rental rates also contributed to the high unit cost of the project.</li><li>See attached Cross-Section Drawing of the Project Submitted by the District Engineer, and the Certificate of Reasonableness of Cost Estimates signed by the Regional Director.</li></ul>					

Based on our evaluation, the submitted request for modification of the said project is in order, hence, approval hereof is recommended.

  
**ADOR G. CANLAS**

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. PIPO, JR.**

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

**APPROVED / ~~DISAPPROVED~~:**

  
**MANUEL M. BONOAN**  
Secretary

2.3 mksa/MLS/AVS/AGC/ERP

Department of Public Works and Highways  
Office of the Secretary



WIN3E03023





DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS  
OFFICE OF THE SECRETARY  
Manila

May 29, 2023

MEMORANDUM

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

This refers to the memorandum dated 24 May 2023 of **DPWH CAR Regional Director KHADAFY D. TANGGOL**, endorsing the request of District Engineer **JOSELITO T. ARAO** of **Abra District Engineering Office** for the **modification** of the project under FY 2023 GAA, to wit;

As per GAA/Original		Project Description		As Modified	
UACS No.:300215102420000 Project ID:P00736246LZ		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, Rehabilitation of Road, Lagayan, Abra			
Type of Work/ Physical Target	Unit Cost	Allocation	Type of Work/ Physical Target	Unit Cost	Estimated Cost
CW1- Rehabilitation of Concrete Road / 11.381 Lane Km	₱8,477,348.21/ Lane Km	₱96,480,700.00	CW1- Rehabilitation of Concrete Road / 7.446 Lane Km	₱12,957,386.52/ Lane Km	₱96,480,700.00
EAO	-	₱3,499,300.00	EAO	-	₱3,499,300.00
Total:		₱99,980,000.00	Total:		₱99,980,000.00
Justification:					
<ul style="list-style-type: none"><li>The increase in unit cost is due to the inclusion of stone masonry/slope protection structure, consisting 17.84% of the project cost, which is necessary in the varying slope of the project location which is a mountainous terrain, thereby resulting to the decrease in physical target from 11.381 Lane Km to 7.446 Lane Km.</li><li>Adjustments and updates in Construction materials price data and equipment rental rates also contributed to the high unit cost of the project.</li><li>See attached Cross-Section Drawing of the Project Submitted by the District Engineer, and the Certificate of Reasonableness of Cost Estimates signed by the Regional Director.</li></ul>					

Based on our evaluation, the submitted request for modification of the said project is in order; hence, approval hereof is recommended.

  
**ADOR S. CANLAS**

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 B. PIPO, JR.**

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

**APPROVED / ~~DISAPPROVED~~:**

  
**MANUEL M. MONCAN**

Secretary

2.3 mksa/MLS/AVS/AGC/ERP





MAY 24 2023

**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 the Modification of the Project: CONVERGENCE AND SPECIAL SUPPORT PROGRAM - Sustainable Infrastructure Projects Alleviating Gaps (SIPAG) - SIPAG - Access Roads and/or Bridges from the National Road/s leading to Major/ Strategic Public Buildings/ Facilities - Rehabilitation of Road, Lagayan, Abra**

We are respectfully forwarding the Memorandum dated April 27, 2023 from **District Engineer JOSELITO T. ARAO, Abra District Engineering Office**, regarding the above subject in the amount of **Ninety-Nine Million Nine Hundred Eighty Thousand Pesos (Php 99,980,000.00)**, as indicated below:

	As per GAA/Original	As Modified
Project ID	P00736246LZ	
UACS	300215102420000	
Physical Target	11.381 Lane KM	7.446 Lane KM

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 TPL/EPD/JWC/ABM



**ABRA**  
**DISTRICT ENGINEERING OFFICE**  
CORDILLERA ADMINISTRATIVE REGION  
Bangued, Abra

April 27, 2023

**MEMORANDUM**

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

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

**SUBJECT : Request for the Modification of the Project: 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 Patagui-Dagsian Flood Control Structure, La Paz, Abra**

We are respectfully submitting for review and evaluation the above-mentioned subject for Modification, amounting to **Ninety-Nine Million Nine Hundred Eighty Thousand Pesos (Php 99,980,000.00)**, as indicated below:

<b>FROM</b>	<b>TO</b>
Project Title: Rehabilitation of Road, Lagayan, Abra	Project Title: Rehabilitation of Road, Lagayan, Abra
Physical Target: CW1 – <b>11.381</b> Lane Km	Physical Target: CW1 – <b>7.446</b> Lane Km

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

  
**JOSELITO T. ARAO**  
District Engineer

CAR.8.1 MJDJ/CLAR/JTA



Republic of the Philippines  
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS  
**ABRA**  
**DISTRICT ENGINEERING OFFICE**  
CORDILLERA ADMINISTRATIVE REGION  
Bangued, Abra



July 24, 2023

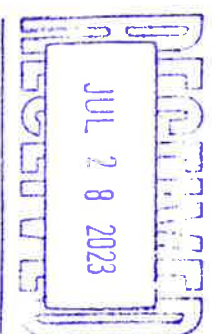
**MEMORANDUM**

**FOR : KHADAFY D. TANGOL**

Regional Director

**THRU : ANGELITA B. MABITAZAN**

Chief, Planning and Design Division



**SUBJECT : Request for the Modification of the Project: CONVERGENCE AND SPECIAL SUPPORT PROGRAM, Special Road Fund - Motor Vehicle User's Charge (MVUC) as per R.A. 11239, Installation of Road Safety Devices Along Abra-Kalinga Rd - K0432 + 600 - K0450 + 000**

We are respectfully submitting for review and evaluation the above-mentioned subject for Modification, amounting to **One Hundred Million Pesos (Php 100,000,000.00)**, as indicated below:

**FROM**

Project Title:

Installation of Road Safety Devices Along Abra-Kalinga Rd - **K0432 + 600 - K0450 + 000**

**TO**

Project Title:

Installation of Road Safety Devices Along Abra-Kalinga Rd - **K0441 + 001.80 - K0449 + 943**

Scope of Work:

**CW1 – Road Safety: Pavement Markings**

Scope of Work:

**CW1 – Road Safety: Guardrails**

Physical Target:

**CW1 – 15.951 Lane Km**

Physical Target:

**CW1 – 734 Meters**

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

**JOSELITO T. ARAO**  
District Engineer

CAR.8.1 MDD/CLAR/JTA



Republic of the Philippines  
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS  
**ABRA**  
**DISTRICT ENGINEERING OFFICE**  
CORDILLERA ADMINISTRATIVE REGION  
Bangued, Abra



July 24, 2023

**MEMORANDUM**

JUL 28 2023

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

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

**SUBJECT : Request for the Modification of the Project: CONVERGENCE AND SPECIAL SUPPORT PROGRAM, Special Road Fund - Motor Vehicle User's Charge (MVUC) as per R.A. 11239, Installation of Road Safety Devices Along Abra-Ilocos Norte Rd - K0432 + 000 - K0433 + 650**

We are respectfully submitting for review and evaluation the above-mentioned subject for Modification, amounting to **One Hundred Million Pesos (Php 100,000,000.00)**, as indicated below:

**FROM**

Project Title:

Installation of Road Safety Devices Along Abra-Ilocos Norte Rd - **K0432 + 000 - K0433 + 650**

**TO**

Project Title:

Installation of Road Safety Devices Along Abra-Ilocos Norte Rd - **K0432 + 058 - K0433 + 460**

Scope of Work:

**CW1 – Road Safety: Pavement Markings**

Scope of Work:

**CW1 – Road Safety: Guardrails**

Physical Target:

**CW1 – 15.951 Lane Km**

Physical Target:

**CW1 – 734 Meters**

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

**JOSELITO T. ARAO**  
District Engineer

CAR.8.1 MDDJ/CLAR/JTA



Republic of the Philippines  
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS  
**ABRA**  
**DISTRICT ENGINEERING OFFICE**  
CORDILLERA ADMINISTRATIVE REGION  
Bangued, Abra



July 24, 2023

**MEMORANDUM**

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

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



**SUBJECT : Request for the Modification of the Project: CONVERGENCE AND SPECIAL SUPPORT PROGRAM, Special Road Fund - Motor Vehicle User's Charge (MVUC) as per R.A. 11239, Installation of Road Safety Devices Along Abra-Ilocos Norte Rd - K0427 + 000 - K0431 + 100**

We are respectfully submitting for review and evaluation the above-mentioned subject for Modification, amounting to **One Hundred Million Pesos (Php 100,000,000.00)**, as indicated below:

**FROM**

Project Title:

Installation of Road Safety Devices Along Abra-Ilocos Norte Rd - **K0427 + 000 - K0431 + 100**

**TO**

Project Title:

Installation of Road Safety Devices Along Abra-Ilocos Norte Rd - **K0427 + 023 - K0430 + 967**

Scope of Work:

**CW1 – Road Safety: Pavement Markings**

Scope of Work:

**CW1 – Road Safety: Guardrails**

Physical Target:

**CW1 – 15.951 Lane Km**

Physical Target:

**CW1 – 656 Meters**

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

  
**JOSELITO T. ARAO**  
District Engineer

CAR.8.1 MDDJ/CLAR/JTA





DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS  
**OFFICE OF THE SECRETARY**  
Manila

DPWH-ABRA, RMU

**RECEIVED**

FILE CODE: RECORDS CODE: 6-6-13

DATE: 6-6-13

May 03, 2023

**MEMORANDUM**

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

This refers to the memorandum dated 19 April 2023 of DPWH CAR Regional Director **KHADAFY D. TANGGOL**, endorsing the request of District Engineer **JOSELITO T. ARAO** of Abra District Engineering Office for the **modification** of the project under FY 2023 GAA, to wit;

As per GAA/Original			Project Description		As Modified	
UACS No.: 310108101322000 Project ID: P007130581Z			OO1: Ensure Safe and Reliable National Road System - Asset Preservation - Rehabilitation/ Reconstruction of Roads with Slips, Slope Collapse, and Landslide - Secondary Roads  Abra-Kalinga Rd - K0475 + 200 - K0475 + 700			
OO1: Ensure Safe and Reliable National Road System - Asset Preservation - Rehabilitation/ Reconstruction of Roads with Slips, Slope Collapse, and Landslide - Secondary Roads  Abra-Kalinga Rd - K0475 + 200 - K0475 + 700			OO1: Ensure Safe and Reliable National Road System - Asset Preservation - Rehabilitation/ Reconstruction of Roads with Slips, Slope Collapse, and Landslide - Secondary Roads  Abra-Kalinga Rd - K0475 + 200 - K0475 + 700			
Type of Work/ Physical Target	Unit Cost	Allocation	Type of Work/ Physical Target	Unit Cost	Estimated Cost	
CW1 - Construction of Road Slope Protection Structure / 5,555.56 sq.m.	P 13,895.99/ sq.m.	P 77,200,000.00	CW1 - Construction of Road Slope Protection Structure / 2,856.00 sq.m.	P 27,030.81/ sq.m.	P 77,200,000.00	
EAO	-	P 2,800,000.00	EAO	-	P 2,800,000.00	
Total:		P 80,000,000.00	Total:		P 80,000,000.00	
<b>Justification:</b> <i>The is Rockfall Retaining</i> Decrease in the physical target / increase in the unit cost for CW1 - Construction of Road Slope Protection Structure due to the following: <ul style="list-style-type: none"><li>The decrease in the physical target/ increase in unit cost for CW1 is due to the design length of 5-meter permanent ground anchors as recommended in the design analysis. The project utilized the Erosion Control Mat (Type 4), <u>Permanent Ground Anchor, Hydrosseeding and Active Wire Mesh System (High Tensile)</u> which contributed to the increase in unit cost thereon causing a deduction in the target area of the proposed slope protection.</li><li>The derived unit cost is based on the approved Program of Work (POW) with Detailed Unit Price Analysis (DUPA).</li></ul> Attached are the following supporting documents: Approved Program of Works (POW) with Detailed Unit Price Analysis (DUPA), Detailed Engineering Design (DED), Certificate of Availability of Funds (CAF), BP 202, Geotagged photos, Certificate of Reasonableness, Evaluation of the Bureau of Construction on the unit cost of the similar type projects, RSM Forms and GIS Map.						

*Q*



Based on our evaluation, the submitted request for modification of the said project is in order; hence, approval hereof is recommended.

  
**ADOR G. CANLAS**

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

**APPROVED / DISAPPROVED:**

  
**MANUEL M. BONOTAN**  
Secretary

2.3 mksa/MLST/AVS/AGC/ERP

Department of Public Works and Highways  
Office of the Secretary



WIN3E03211