



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



July 04, 2024

**MEMORANDUM**

**TO :** **REYNALDO C. ALCONCEL**  
Regional Director  
DPWH-Region II  
Regional Government Center, Carig Sur Tuguegarao City, Cagayan

**ATTENTION :** **MARIANO B. MALUPENG**  
District Engineer  
Cagayan 3<sup>rd</sup> District Engineering Office  
Tuguegarao City, Cagayan

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

1. ORGANIZATIONAL OUTCOME 1: Ensure Safe and Reliable National Road System – Asset Preservation Program – Rehabilitation Reconstruction /of Roads with Slips, Slope Collapse, and Landslide – Tertiary Roads – *Peñablanca-Callao Cave Rd – K0482+600 - K0482+692 - - - - - P100,000,000.00.*
2. ORGANIZATIONAL OUTCOME 1: Ensure Safe and Reliable National Road System – Asset Preservation - Rehabilitation/ Reconstruction of Roads with Slips, Slope Collapse, and Landslide - Tertiary Roads- *Peñablanca- Callao Cave Rd - K0478+(-160) - K478+(-260) - - - - - P87,500,000.00.*
3. ORGANIZATIONAL OUTCOME 1: Ensure Safe and Reliable National Road System – Asset Preservation Program – Rehabilitation Reconstruction /of Roads with Slips, Slope Collapse, and Landslide – Tertiary Roads – *Peñablanca-Callao Cave Rd K0480+200- K0480+300 - - - - - P84,568,000.00.*
4. ORGANIZATIONAL OUTCOME 1: Ensure Safe and Reliable National Road System – Asset Preservation Program – Rehabilitation Reconstruction /of Roads with Slips, Slope Collapse, and Landslide – Tertiary Roads – *Peñablanca-Callao Cave Rd – K0479+898 - K0480+024 - - - - - P90,000,000.00.*
5. ORGANIZATIONAL OUTCOME 1: Ensure Safe and Reliable National Road System – Asset Preservation - Rehabilitation/ Reconstruction of Roads with Slips, Slope Collapse, and Landslide - Tertiary Roads- *Peñablanca - Callao Cave Rd - K0478+(-260) - K478+(-287), K0483+000 - K0483+(-068) - - - - - P85,834,000.00.*
6. ORGANIZATIONAL OUTCOME 1: Ensure Safe and Reliable National Road System – Asset Preservation - Rehabilitation/ Reconstruction of Roads with Slips, Slope Collapse, and Landslide - Tertiary Roads- *Peñablanca - Callao Cave Rd- K0478+(-060)- K0478+(-160) - - - - - P94,000,000.00.*
7. ORGANIZATIONAL OUTCOME 1: Ensure Safe and Reliable National Road System = Asset Preservation - Rehabilitation/ Reconstruction of Roads with Slips, Slope Collapse, and Landslide - Tertiary Roads - *Peñablanca- Callao Cave Rd - K0479+325.47 - K0479+401 - - - - - P85,200,000.00.*

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

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





Republic of the Philippines  
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS  
**OFFICE OF THE SECRETARY**  
Bonifacio Drive, Port Area Manila



May 23, 2024

**MEMORANDUM**

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

This refers to the memorandum dated 26 April 2024 of **DPWH Region II Assistant Director EDITHA R. BABARAN**, Caretaker, endorsing the request of **District Engineer MARIANO B. MALUPENG**, Cagayan 3<sup>rd</sup> District Engineering Office, for the **modification** of the project under FY 2024 GAA, to wit;

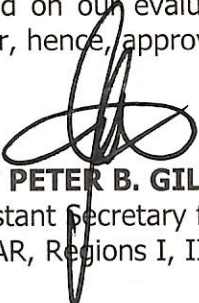
As per GAA/Original			As Modified		
Project Description					
UACS No. 310109101447000 Project ID: P00805736LZ  ORGANIZATIONAL OUTCOME 1: Ensure Safe and Reliable National Road System – Asset Preservation - Rehabilitation/ Reconstruction of Roads with Slips, Slope Collapse, and Landslide - Tertiary Roads- Peñablanca- Callao Cave Rd- K0478+(-260)- K478+(-287), K0483+000- K0483+(-068)			ORGANIZATIONAL OUTCOME 1: Ensure Safe and Reliable National Road System – Asset Preservation - Rehabilitation/ Reconstruction of Roads with Slips, Slope Collapse, and Landslide - Tertiary Roads- Peñablanca- Callao Cave Rd- K0478+(-260)- K478+(-287), K0483+000- K0483+(-068)		
Type of Work/ Physical Target	Unit Cost	Allocation	Type of Work/ Physical Target	Unit Cost	Estimated Cost
CW1- Construction of Road Slope Protection Structure 8583.4 Square meters	₱ 9,650/ Square meters	₱ 82,829,810.00	CW1- Construction of Road Slope Protection Structure 4644 Square meters	₱ 17,835.88/ Square meters	₱ 82,829,810.00
EAO	–	₱ 3,004,190.00	EAO	–	₱ 3,004,190.00
Total:		₱ 85,834,000.00	Total:		₱ 85,834,000.00
Justification:					
<ul style="list-style-type: none"><li>The increase in unit cost/decrease in the physical target from 8583.4 sq. m. to 4644 sq. m. is due to the installation of active protection system with height of 46.05m and length of 27m and reinforced concrete catch wall with a height of 2.50m and length of 27m for the first section, and active protection system with a height of 68m and length of 50.01m for the other.</li><li>Active protection system is used because it is the most suitable road slope protection system based on global stability analysis and overall stability analysis. (Please see attached overall stability analysis and approved exemption from the non-adoption of Item 522 in FY 2024 General Appropriations Act (GAA) signed by Secretary Manuel M. Bonoan dated May 3, 2024).</li><li>Unit cost is based on validated and approved detailed engineering design (DED), detailed unit price analysis DUPA) and program of work (POW). The unit prices used are based on approved Construction Materials Price Data for the 4th quarter of CY2023.</li><li>The unit cost has been evaluated and reviewed by the Bureau of Construction (BOC). See attached evaluation dated May 21, 2024.</li></ul>					

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

AG-10-202405-01876



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

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



**MANUEL M. BONOAN**  
Secretary

Department of Public Works and Highways  
Office of the Secretary



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2.3 aap/AVS/RPBG/ERP