



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 - Rehabilitation/ Reconstruction of Roads with Slips, Slope Collapse, and Landslide - Tertiary Roads- *Peñablanca- Callao Cave Rd- K0477+(-158)- K0477+(-258)*  
----- **₱87,500,000.00.**

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  




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					
<b>UACS No. 310109101450000</b> <b>Project ID: P00805739LZ</b>					
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- K0477+(-158)- K0477+(-258)			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- K0477+(-158)- K0477+(-258)		
Type of Work/ Physical Target	Unit Cost	Allocation	Type of Work/ Physical Target	Unit Cost	Estimated Cost
CW1- Construction of Road Slope Protection Structure 8750 Square meters	₱ 9,650.00/ Square meters	₱ 84,437,500.00	CW1- Construction of Road Slope Protection Structure 4600 Square meters	₱ 18,438.34/ Square meters	₱ 84,437,500.00
EAO	–	₱ 3,062,5000.00	EAO	–	₱ 3,062,5000.00
Total:		₱ 87,500,000.00	Total:		₱ 87,500,000.00
<b>Justification:</b> <ul style="list-style-type: none"><li>The increase in unit cost/decrease in the physical target from 8750 sq. m. to 4600 sq. m. which is due to the installation of <u>active protection system</u> with height of 46m and length of 100m, and reinforced concrete catch wall with a height of 2.50m and length of 100m.</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>					

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:**



**EUGENIO R. RIPO, JR.**

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



**MARIA CATALINA E. CABRAL, Ph.D., CESO I**

Undersecretary for Planning and Public -  
Private Partnership Services

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



**MANUEL M. BONOAN**

Secretary

2.3 aap/AVS/RPBG/ERP

Department of Public Works and Highways  
Office of the Secretary



WIN4E03525