



OFFICE OF THE SECRETARY
Manila



May 27, 2025

MEMORANDUM

FOR : Secretary MANUEL M. BONOAN
This Department

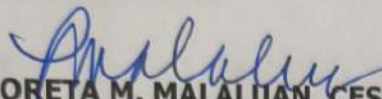
This refers to the memorandum dated 14 April 2025 of DPWH Region X Director LILIBETH N. APARECIO, D.M.; requesting for the approval of the Modification of the hereunder project covered by FY 2025 General Appropriations Act (GAA), to wit;

As per GAA/Original			As Modified		
Project Description					
UACS No. 310204103153000 Project ID: P00910171MN OO1: Ensure Safe and Reliable National Road System - Network Development Program - Construction of <u>By-Pass</u> and Diversion Roads. Mangima-Agusan Canyon Bypass Road, Bukidnon.			OO1: Ensure Safe and Reliable National Road System - Network Development Program - Construction of By-Pass and Diversion Roads. <u>Mangima-Agusan Canyon Bypass Road, Bukidnon;</u>		
Type of Work/ Physical Target	Unit Cost	Allocation	Type of Work/ Physical Target	Unit Cost	Estimated Cost
CW1- Construction of Concrete Road/ 4.00 Lane Km.	P 24,125,000.00 /Lane Km	P 96,500,000.00	CW1- Construction of Gravel Road/ 0.486 Lane Km	P 198,559,670.78 /Lane Km <i>~ 400 M/Km</i>	P 96,500,000.00
EAO	-	P 3,500,000.00	EAO	-	P 3,500,000.00
Total:		P 100,000,000.00	Total:		P 100,000,000.00
Justification: <ul style="list-style-type: none">The change in scope of work from construction of concrete to gravel road is due to the substantial volume of roadway excavation required along the project alignment. The excavation involves predominantly hard rock formations, with cut heights reaching up to 35.00 meters on the left side and 17.00 meters along the centerline, necessitating significant earthworks, rendering the allocated funds sufficient to cover only up to the construction of gravel road (See attached Geo-resistivity Report).This revision is a result of integrating standard roadway side cuts and adjusting the vertical alignment to maintain a maximum gradient of 12% in cut sections, in full compliance with the Department of Public Works and Highways (DPWH) Design Guidelines, Criteria, and Standards (DGCS). These design adjustments are critical to ensure the structural integrity, stability, and safety of the roadway while addressing the complex topography of the site.The presence of the hard rock requires the Item 102(3)b – Surplus Rock Excavation, which is calculated to be at 57,627.047 cubic meters consisting of 94.56% of the total direct cost.This project also includes necessary work items such as clearing and grubbing, individual removal of trees, surplus common excavation, and miscellaneous item such as Seedlings/Saplings for other Programs/Initiative, which constitutes 5.17% of the total project cost.The derived unit cost is based on the approved Program of Works (POW) and Detailed Unit Price Analysis (DUPA).					

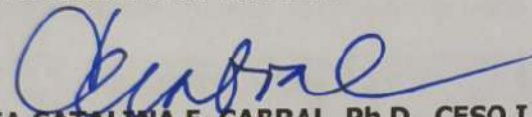
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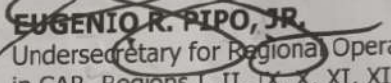
- See attached Certificate of Reasonableness of Cost Estimate signed and approved by the Regional Director.
- The unit cost has been evaluated and reviewed by the Bureau of Construction (BOC) dated May 26, 2025, and has been found to be reasonable.

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

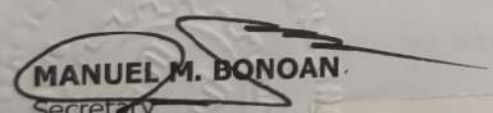

LORETA M. MALALUAN, CESO IV
Undersecretary for Regional Operations
in CAR, Regions I, II, IX, X, XI, XII, XIII and NCR.

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/AVS/LMM/ERP

Department of Public Works and Highways
Office of the Secretary


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