



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

Reference Number: VIII-103  
Project ID: P00605565VS

MEMORANDUM

FOR : Secretary ROGER G. MERCADO  
This Department

This refers to the Memorandum dated April 28, 2022 of DPWH Region VIII Director ALLAN S. BORRAMEO, CESO III, requesting for the approval of the Modification of the project under FY 2022 General Appropriation Act (GAA), to wit:

As per GAA/Original			As Modified		
Project Description					
UACS No. 310106100674000 Project ID: P00605565VS			ORGANIZATIONAL OUTCOME 1: Ensure Safe and Reliable National Road System		
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Asset Preservation - Rehabilitation / Reconstruction / Upgrading of Damaged Paved Roads - Tertiary Roads			Asset Preservation - Rehabilitation / Reconstruction / Upgrading of Damaged Paved Roads - Tertiary Roads		
Tigbao - Sta. Fe - San Miguel Road			Tigbao - Sta. Fe - San Miguel Road, <b>K0907+996 - K0908+060</b>		
Physical Target	Unit Cost	Allocation	Physical Target	Unit Cost	Estimated Cost
CW1 – Reconstruction to Concrete Pavement: 4.968 Lane Km	₱ 17,481,884.06 / Lane Km	₱ 86,850,000.00	CW1 – Reconstruction to Concrete Pavement: 0.256 Lane Km	₱ 319,726,562.5 / Lane Km	₱ 81,850,000.00
			ROW - ROW Acquisition: 5,000 Square meters	₱ 1,000/ Square meters	₱ 5,000,000.00
EAO		₱ 3,150,000.00	EAO		₱ 3,150,000.00
Total:		₱90,000,000.00	Total:		₱90,000,000.00

Justifications:

1. To specify the exact location of the project that needs concrete reconstruction (with 4 lane-lowering of grade) for the safety of the travelling public.
2. The scope of work involves the lowering of the slope gradient and reconstruction of concrete road (0.256 lane km-4 lanes) with a total width of 13.40 meters including concrete lined canal, based on the plan and the actual site validation. As per geological assessment, the road alignment traverses through the Babatngon Schist metamorphic sole of the Tacloban Ophiolite, which means that the lithology of the area is predominantly formed of rocks. To allow standard berm design along steep slopes, a through-cut segment with an average height of 35 meters requires excavation to reach from the mountain's highest peak that results to an enormous volume of earthworks (Surplus Rock Excavation), in which a unit cost of P 319,726,562.5/Lane Km was arrived at with the corresponding physical target of 0.256 Lane Km (4 Lanes), copy attached is Certificate of Reasonableness of Cost Estimate for your reference and guidance.
3. Road Right of Way (ROW) Cost was already determined.

Based on our evaluation, the submitted request for modification of the said project is found in order. Hence, the said request is hereby recommended for the Secretary's consideration and approval.

RAFAEL C. YABUT

Senior Undersecretary

Undersecretary for Operations in Region VIII and NCR

APPROVED/DISAPPROVED:

ROGER G. MERCADO

Acting Secretary

2.1 BKEU/ETP/MLS

Department of Public Works and Highways  
Office of the Secretary

