



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

March 9, 2023

MEMORANDUM

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

This refers to the memorandum dated 6 March 2023 of **DPWH Region IX Director CAYAMOMBAO D. DIA, CESO III**, requesting for the **modification** of the project under FY 2023 GAA, to wit;

As per GAA/Original			As Modified		
Project Description					
UACS No. 310211100096000 Project ID: P00705524MN OO1: Ensure Safe and Reliable National Road System – Network Development - Paving of Unpaved Roads - Secondary Roads Liloy-Siocon Road - K2037+860 - K2040+896			OO1: Ensure Safe and Reliable National Road System – Network Development - Paving of Unpaved Roads - Secondary Roads Liloy-Siocon Road - K2037+860.00 - K2039+960.00		
Type of Work/ Physical Target	Unit Cost	Allocation	Type of Work/ Physical Target	Unit Cost	Estimated Cost
CW1- Paving of Unpaved Roads/ 6.602 Lane-km	₱ 24,117,691.61 /Lane-km	₱ 159,225,000.00	CW1- Paving of Unpaved Roads/ 4.20 Lane-km	₱ 37,910,714.29 /Lane-km ₱74 m/km	₱ 159,225,000.00
EAO	–	₱ 5,775,000.00	EAO	–	₱ 5,775,000.00
Total:		₱ 165,000,000.00	Total:		₱ 165,000,000.00
Justification: Unit cost on the high side.					
<ul style="list-style-type: none">The decreased in the physical target/increase in the unit cost is due to;<ul style="list-style-type: none">✓ The road project traverses along mountainous terrain and requires adjustment on horizontal and vertical alignment to meet the DPWH Design Guidelines and Criteria.✓ The cost of Earthworks which constitute 30.94% (₱ 49,258,682.69) of the total project cost. It involves huge volume of Item 102(2) Surplus Common Excavation, structure excavation, Item 104(1a) Embankment from Roadway Excavation and subgrade preparation.✓ The road design also includes drainage and slope protection works to prevent the road embankment from scouring/erosion and miscellaneous structures such as reflectorized thermoplastic pavement markings, metal guardrails including posts and hazard markers which contributed to the increase in cost per kilometer of the road project.The derived unit cost is based on the approved Program of Works (POW) and Detailed Unit Price Analysis (DUPA).					

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



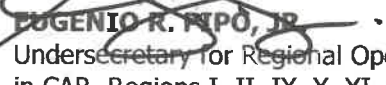
ADOR G. CANLAS

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 aad/AVS/AGC/ERP

Department of Public Works and Highways
Office of the Secretary



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Total:		₱ 165,000,000.00	Total:		₱ 165,000,000.00
Justification:					
<ul style="list-style-type: none">• The decreased in the physical target/increase in the unit cost is due to;<ul style="list-style-type: none">✓ The road project traverses along mountainous terrain and requires adjustment on horizontal and vertical alignment to meet the DPWH Design Guidelines and Criteria.✓ The cost of Earthworks which constitute 30.94% (₱ 49,258,682.69) of the total project cost. It involves huge volume of Item 102(2) Surplus Common Excavation, structure excavation, Item 104(1a) Embankment from Roadway Excavation and subgrade preparation.✓ The road design also includes drainage and slope protection works to prevent the road embankment from scouring/erosion and miscellaneous structures such as reflectorized thermoplastic pavement markings, metal guardrails including posts and hazard markers which contributed to the increase in cost per kilometer of the road project.• The derived unit cost is based on the approved Program of Works (POW) and Detailed Unit Price Analysis (DUPA).					

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