

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

May 31, 2023

**MEMORANDUM**

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

This refers to the memorandum dated May 29, 2023 of **DPWH Region XIII Director POL M. DELOS SANTOS**, endorsing the request of **District Engineer EDMUND V. OPINION, Agusan del Norte DEO**, for the modification of the project under FY 2023 GAA, to wit;

As per GAA/Original			As Modified		
Project Description					
UACS No.310107100596000 Project ID: P00706545MN					
OO1: Ensure Safe and Reliable National Road System – Asset Preservation– Rehabilitation/Reconstruction of National Roads with Slips, Slope Collapse, and Landslide - Primary Roads			OO1: Ensure Safe and Reliable National Road System – Asset Preservation– Rehabilitation/Reconstruction of National Roads with Slips, Slope Collapse, and Landslide - Primary Roads		
Daang Maharlika (Surigao-Agusan Sect) –K1169 +858 – K1169 +890			Daang Maharlika (Surigao-Agusan Sect) – K1169 +763.40 – K1169 + 793		
Type of Work/ Physical Target	Unit Cost	Allocation	Type of Work/ Physical Target	Unit Cost	Estimated Cost
CW1- Construction of Road Slope Protection Structure: 666.67 square meters	P 17,639.91/ Square meters	P 11,760,000.00	CW1- Construction of Road Slope Protection Structure: 458.80 square meters	P 25,632.08/ Square meters	P 11,760,000.00
EAO	-	P 240,000.00	EAO	-	P 240,000.00
Total:		P 12,000,000.00	Total:		P 12,000,000.00
Justification:					
<ul style="list-style-type: none"><li>Change in station limits was made to include locations that require immediate Construction of Slope Protection Structure.</li><li>Decrease in physical target/increase in the unit cost of CW1- Construction of Road Slope Protection Structure due to the inclusion of steel sheet piles (486 l.m) that contributes 28.59% to the project cost. The project is reinforced concrete slope protection having 3 berms with height that varies from 3.50 meters to 5 meters each berm.</li><li>The project also includes the provision of 29.60 meters road widening with pavement width of 6.70meters at right side including paving of shoulder - 2.0 meters width, contributing 5.88% of the total project cost. It also includes 33 l.m. guardrails.</li><li>The derived unit cost is based on the validated and approved Program of Works (POW) and Detailed Unit Price Analysis (DUPA) and Detailed Engineering Design (DED).</li><li>Attached are the DED, POW with DUPA, Certificate of Reasonableness of unit cost, CAF, BP202, location map ang geotagged photos.</li></ul>					

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. RITO, 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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