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

Reference Number: XIII-048
Project ID: P00604566MN

March 21, 2022

MEMORANDUM

FOR : **ROGER G. MERCADO**
Acting Secretary
This Department

This refers to the memorandum dated March 11, 2022 of **DPWH Region XIII Director POL M. DELOS SANTOS,** requesting for the **modification** of the project under FY 2022 GAA, to wit;

As per GAA/Original			***As Modified***		
Project Description					
UACS No. 310108101025000 **Project ID: P00604566MN** OO1: Ensure Safe and Reliable National Road System - Asset Preservation - Rehabilitation/ Reconstruction of National Roads with Slips, Slope Collapse, and Landslide - Secondary Roads Surigao-Davao Coastal Rd - K1213 + 619 - K1213 + 991			OO1: Ensure Safe and Reliable National Road System - Asset Preservation - Rehabilitation/ Reconstruction of National Roads with Slips, Slope Collapse, and Landslide - Secondary Roads Surigao-Davao Coastal Rd - **K1213 + 190 -K1213 + 486**		
Type of Work/ Physical Target	**Unit Cost**	**Allocation**	**Type of Work/ Physical Target**	**Unit Cost**	**Estimated Cost**
CW1- Construction of Road Slope Protection Structure / **10,000** sq.m	₱ 17,370.00 / Lane km	₱ 173,700,000.00	CW1- Construction of Road Slope Protection Structure/ **9,129** sq.m	**₱ 19,027.28**/ Lane km	₱ 173,700,000.00
EAO	-	₱ 6,300,000.00	EAO	-	₱ 6,300,000.00
	Total:	**₱ 180,000,000.00**		**Total:**	**₱ 180,000,000.00**
Justification: • Correction on the Station Limits, from K1213+619 - K1213+991 to K1213 + 190 - K1213 + 486, in order to prioritize the section that needs Road Slope Protection, taking into consideration that this section is prone to slope failure and may cause accidents to the travelers. The average degree of angle with respect to horizontal axis of the slope in station limit K1213+190 – K1213+486 is 52.08 degrees which is higher and critically unstable than for the station limit of K1213+619 – K1213+991 which is only 19.85 degrees. • The modified section is generally composed of fresh to slightly weathered limestone rock characteristic, thus, active slope protection system (High Tensile Wire) is a compatible countermeasure that is necessary to address the current situation in the area. • Decrease in physical target from 10,000.00 sq.m to 9,129.00 sq.m due to the actual inclined area of the earth's surface to be stabilized by slope protection structure, as shown on the approved Detailed Engineering Design(DED). • The increase in unit cost from Php 17,370.00/ sq.m to Php 19,027.28/ sq.m is derived based on the approved Program of Works (POW) and Detailed Unit Price Analysis (DUPA), wherein the type of structure used is an Active Slope Protection System (High Tensile Wire). • The derived unit cost is based on 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.

EUGENIO R. PIPO, JR.
Undersecretary for Regional Operations in Mindanao

APPROVED/~~DISAPPROVED~~:

ROGER G. MERCADO
Acting Secretary

Department of Public Works and Highways
Office of the Secretary
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2.3 LDAM/AVS/AGC/ERP