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

April 22, 2025

MEMORANDUM

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

This refers to the memorandum dated 8 April 2025 of **DPWH Region XIII ALEX B. RAMOS** requesting for the approval of Modification of the hereunder project under FY 2025 General Appropriations Act (GAA), to wit;

As per GAA/Original			*As Modified*		
Project Description					
UACS No 3101071000778000 **Project ID P009009152MN** 001: Ensure Safe and Reliable National Road System Asset Preservation - Rehabilitation/ Reconstruction of Roads with Slips, Slope Collapse, and Landslide - Primary Roads Maharlika Highway (Surigao-Agusan Sect) - K1135 + 800 - K1135 + 850, K1152 + 000 - K1152 + 100			001: Ensure Safe and Reliable National Road System Asset Preservation - Rehabilitation/ Reconstruction of Roads with Slips, Slope Collapse, and Landslide - Primary Roads Maharlika Highway (Surigao-Agusan Sect) - **K1135 + 580 - K1135 + 731**		
Type of Work/ Physical Target	**Unit Cost**	**Allocation**	**Type of Work/ Physical Target**	**Unit Cost**	**Estimated Cost**
CW1- Construction of Road Slope Protection Structure 3,635.530 Square meter	₱14,475.01327 / Square meter	₱ 52,624,345.00	CW1- Construction of Road Slope Protection Structure **3,357.490** Square meter	**₱ 15,673.71608**/ Square meter	₱ 52,624,345.00
EAO	--	₱ 1,908,655.00	EAO	--	₱ 1,908,655.00
	Total:	**₱ 54,533,000.00**		**Total:**	**₱ 54,533,000.00**

Justification:

- Change in the project limit to prioritize areas within the same road line that urgently require slope protection to ensure safety and stability.
- Based on actual field validation, the original station limit; "**K1135 + 800 – K1135 + 850, K1152 + 000 + 100**" are currently in stable condition which do not require immediate slope protection intervention since the existing roadway has enough off-set from the slope. See attached straight line diagram (SLD)
- The Increase in the unit cost decrease in the physical target of CW1 is attributed to the inclusion of a reinforced concrete slope protection structure with a steel sheet pile (Z-Type) that extends to 12 meters deep, covering a total length of 151.00 meters. To anchor the structure, a tie beam is included in the design spaced every 3 meters, along with a Deadman featuring a 9 meters long H-Pile. The slope protection consists of a 2 - layers 1 - berm with a slope of 1:1 compliant to the Design Guidelines Criteria and Standards (DGCS). Additionally, the project includes Earthworks of Embankment and Structure excavation to ensure proper grading and stability which covers 15.44% of the construction cost.
- The derived unit cost is based on the approved Program of Works (POW) and Detailed Unit Price Analysis (DUPA).

- Attached are the following supporting documents: Approved Program of Works (POW), Detailed Engineering Design (DED), Certificate of Availability of Funds (CAF), BP202, Geotagged photos, and GIS Map.

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
Assistant Secretary 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

APPROVED/~~DISAPPROVED~~:

EUGENIO R. PIRO, JR.
Undersecretary for Regional Operations
in CAR, Regions I, II, IX, X, XI, XII, and XIII

2.3 mkaa/AVS/LMM/ERP