



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

August 2, 2022

MEMORANDUM

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

This refers to the memorandum dated 1 August 2022 of **DPWH Region IX Director CAYAMOMBAO D. DIA**, requesting for the **modification** of the project under FY 2022 GAA, to wit;

As per GAA /Original			Project Description		As Modified	
UACS No. 310204101150000 Project ID: P00604249MN			OO1: Ensure Safe and Reliable National Road System - Network Development - Construction of Bypass and Diversion Roads			
Somiot-Dumtingag Road, Zamboanga del Sur			OO1: Ensure Safe and Reliable National Road System - Network Development - Construction of Bypass and Diversion Roads			
Type of Work/ Physical Target	Unit Cost	Allocation	Type of Work/ Physical Target	Unit Cost	Estimated Cost	
CW1- Construction of Concrete Road / 3.889 lane km	₱17,369,503.73/ lane km	₱ 67,550,000.00	CW1- Construction of Concrete Road / 0.956 lane km	₱ 36,465,670.09/ lane km <i>72.8 m/lane</i>	₱ 34,861,180.61	
CW-2 ROW Acquisition / 16,666.67 sq. m.	₱ 289.50	₱ 4,825,000.00	CW2 – Construction of Concrete Bridge / 294.786 sq.m.	₱ 110,296.3485 / Square meters	₱ 32,513,819.39	
EAO	-	₱ 2,625,000.00	ROW- Right of Way Acquisition 16,666.67 sq.m.	₱ 300.00/ sq.m.	₱ 5,000,000.00	
Total:		₱ 75,000,000.00	Total:		₱ 75,000,000.00	
Justification: <ul style="list-style-type: none">• The project was requested for remodification due to the prioritization of the Construction of Concrete bridge replacing the Existing Spillway which was not included within the limits of the previously approved program, thus the Addition of CW2 Component.• The CW1 physical target already covered all the remaining unpaved section of the Somiot - Dumtingag Bypass Road.• The replacement of Spillway into a permanent concrete bridge is deemed necessary for the safe passage of motorists and locals in consideration of the highest flood level in the area. It will also provide easy access to the neighboring community.• Decrease in Physical target/ increase in unit cost due to;<ul style="list-style-type: none">✓ <u>The massive volume of Earthworks</u> constitutes 29.38% (₱19,793,682.96) of the total project cost. It involves embankment with highest fill level of 7.004 meters (Abutment A) and 7.706 meters (Abutment B) from the original ground level to stabilize the base foundation.✓ The project will traverse a Ricefield. The considerable amount of the unit cost is due to the removal of unsuitable materials and replacement with huge volume of Item 104(2) Embankment from borrow.✓ The road design includes road safety feature of slope protection structure to prevent the road embankment from scouring/erosion. It also includes miscellaneous structures such as reflectorized thermoplastic pavement markings which contributed to the increase in cost per kilometer of the road project.✓ The road project requires adjustment of horizontal and vertical alignments to meet the DPWH Design Guidelines and Criteria.• The derived unit cost is based on the approved Program of Works (POW) and Detailed Unit Price Analysis (DUPA).• Approval of this request supersedes the first modification dated June 7, 2022.						

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

ADOR G. CAMILAS, CESO IV

Assistant Secretary for Regional Operations
in Regions I, II, CAR, 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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