



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

Manila

June 17, 2021

MEMORANDUM

FOR : **MARK A. VILLAR**
Secretary
This Department

This refers to the memorandum dated 11 June 2021 of **DPWH Region IX Director CAYAMOMBAO D. DIA**, endorsing the request of **OIC – District Engineer ANTONIO A. GONZALES, Zamboanga City District Engineering Office**, for the **modification** of the project under FY 2021 GAA, to wit;

As per GAA/Original			As Modified		
Project Description					
UACS No.310204101144000 Project ID: P00509743MN					
OO1: Ensure Safe and Reliable National Road System - Network Development - Construction of Bypass and Diversion Roads			OO1: Ensure Safe and Reliable National Road System - Network Development - Construction of Bypass and Diversion Roads		
Buenavista-Bolong Bypass Road, Package 5, Zamboanga City			Buenavista-Bolong Bypass Road, Package 5, Zamboanga City		
Type of Work/ Physical Target	Unit Cost	Allocation	Type of Work/ Physical Target	Unit Cost	Estimated Cost
CW1- Construction of Concrete Road 1.50 Lane Km	₱ 19,300,000.00 / Lane Km	₱ 28,950,000.00	CW1- Construction of Concrete Road 0.920 Lane Km	₱ 22,157,179.41 / Lane Km	₱ 20,384,605.06
-	-	-	CW2- Construction of Road Slope Protection Structure 4,045.11 sq.m.	₱ 1,980.60 / sq.m.	₱ 8,011,760.22
-	-	-	ROW Acquisition 2,750.00square meters	₱ 208.62 / sq.m.	₱ 573,714.74
EAO	-	₱1,050,000.00	EAO		₱ 1,029,919.98
Total:		₱ 30,000,000.00	Total:		₱ 30,000,000.00

Justification:

Decrease in Physical Target from 1.50 lane km to 0.920 lane km due to the following reasons:

- Increased in unit cost from Php 19,300,000.00/lane km to Php 22,157,179.41/lane km for CW1 - Construction of Concrete Road due to the huge volume of required Earthworks since the alignment of the project runs on Mangrove swamps. The project involves 7,162.45 cubic meters of Item 104(5) boulder fill, and Item 104(2) Embankment from Common Borrow which constituted 52.02% (Php. 10,603,446.35) of the allocation for CW1.
- The project also includes the application of ReflectORIZED Thermoplastic Pavement Markings and Separation Geotextile which contributed to the increase in cost per lane kilometer of the road project.
- Also, there is a need for additional component (CW2) - Construction of Road Slope Protection Structure in order to prevent road slips and soil erosion. This component involves Item 507(1) Rubble Concrete comprising to 28.21% of the total project cost.
- Inclusion of Road Right-of-Way Acquisition (ROW). This is necessary to compensate property owners, structures and improvements affected within the width and station limits of the project.

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

subject to RO Cost of Concrete
revisions of CW-1.

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

APPROVED/DISAPPROVED:

MARK A. VILLAR
Secretary
Department of Public Works and Highways
Office of the Secretary



2.3 mksa/LCA/AVS/ERP

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