



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

Reference Number: **XI-049**
Project ID: **P00501805MN**

April 22, 2021

MEMORANDUM

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

This refers to the memorandum dated 30 March 2021 of DPWH Region XI OIC-Director **REY PETER B. GILLE**, endorsing the request of District Engineer **RICHARD A. RAGASA**, Davao 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. 310101100517000 Project ID: P00501805MN OO1: Ensure Safe and Reliable National Road System – Asset Preservation - Preventive Maintenance - Primary Roads Daang Maharlika (MN) - (S01460MN) Chainage 030 – Chainage 1015			OO1: Ensure Safe and Reliable National Road System – Asset Preservation - Preventive Maintenance - Primary Roads Daang Maharlika (MN) - (S01460MN) Chainage 030 – Chainage 760		
Type of Work/ Physical Target	Unit Cost	Allocation	Type of Work/ Physical Target	Unit Cost	Estimated Cost
CW1- Preventive Maintenance of Road: Asphalt Overlay/ 3.940 lane-km	P 9,949,238.58/ lane-km	P 39,200,000	CW1- Preventive Maintenance of Road: Asphalt Overlay/ 2.190 lane-km	P 17,899,543.38/ lane-km	P 39,200,000
EAO	-	P 800,000	EAO	<i>P 35.6 M/km</i>	P 800,000
Total:		P 40,000,000	Total:		P 40,000,000
Justification: <i>44% decrease in unit cost</i> Decrease in physical target from 3.940 lane km to 2.190 lane km with modification in station limits were due to the following: <ul style="list-style-type: none"> Asphalt overlay (100 mm thick) includes "Anti-Rutting Additive" (ARA) to prevent the road surface from rutting since this section is located in a highly urbanized area especially that heavy and 10-wheeler cargo trucks are traversing this road. ARA is recommended to be used in asphalt overlay projects that will carry more than 2000 vehicles per day to improve the quality of asphalt per DO 11, s. of 2019; Transition ramps for seven junctions (width varying from 5 meters to 13.4 meters) along the road section were also considered for asphalt overlay for road safety purposes; and Scope of work also includes reflectorized thermoplastic pavement markings and raising of concrete curb (443m) for existing center island to prevent accidents to vehicles and motorists. 					

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

Subject to RO Certificate of Approval and detailed breakdown of cost

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
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