



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



April 15, 2020

26 MAY 2020

MEMORANDUM

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

This refers to the memorandum dated 20 February 2020 of **DPWH Region XI Director ALLAN S. BORRAMEO** endorsing the request of **District Engineer JANE D. CAINGHOG, Davao Oriental 2<sup>nd</sup>, District Engineering Office**, for the approval of the Modification of the hereunder project covered by CY 2020 General Appropriation Act (GAA), to wit;

As per GAA/Original			As Modified		
Project Description					
UACS No. 310201100501000 Project ID : P00400334MN					
OO1: Ensure Safe and Reliable National Road System - Network Development - Road Widening - Primary Roads			OO1: Ensure Safe and Reliable National Road System - Network Development - Road Widening - Primary Roads		
Pres. Diosdado P. Macapagal Natl Hi-way - K1769 + 600 - K1770 + 200, K1771 + 000 - K1772 + 530			Pres. Diosdado P. Macapagal Natl Hi-way - K1769 + 600 - K1770 + 200, K1771 + 000 - <b>K1771 + 820</b>		
Type of Work/ Physical Target	Unit Cost	Allocation	Type of Work/ Physical Target	Unit Cost	Estimated Cost
CW1 – Road Widening 4.40 lane km	₱ 11.82739 M / lane km	₱ 52.040520 M	CW1 – Road Widening <b>2.840</b> lane km	₱ <b>18.32413</b> M/ lane km	₱ 52.04052 M
EAO	-	₱ 1.887480 M	EAO	-	₱ 1.887480 M
Total		₱ 53.9280 M	Total		₱ 53.9280 M
<b>Justification:</b> Decrease in physical target from 4.40 lane km to 2.84 lane km due to the following:					
<ul style="list-style-type: none"><li>The road project, particularly on the second section (K1771+000 - K1771+820), runs on a mountainous terrain while the left side is along a cliff section/area, hence, requires additional 2 lanes to be at one side (right side). Thus, massive side cuts with an average height of 45 meters is necessary to conform with the DPWH Design Guidelines and Standards (Horizontal and Vertical Alignment and Road Width);</li><li>The increase in unit cost is due to the massive excavation, constituting to more than 26% of the total project cost as reflected in the submitted POW and Plans;</li><li>The scope of work also includes minor drainage structures (construction of line canal) and slope protection structures (installation of gabions at the right side of the road) to prevent landslide.</li><li>The derived unit cost is based on the approved Program of Works and Detailed Unit Price Analysis (DUPA).</li></ul>					

Based on our evaluation, the submitted request for modification of the said project is in order hence, it is respectfully recommended to the Secretary for his consideration and approval.

**DIMAS S. SOGUILON, CESO I**  
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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