



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

June 25, 2020

MEMORANDUM

FOR : MARK A. VILLAR  
Secretary  
This Department

This refers to the memorandum dated 3 June 2020 of **DPWH Region XI Regional Director ALLAN S. BORRAMEO** endorsing the request of **OIC-District Engineer DANIEL A. JARAVATA, Davao de Oro (Compostela Valley) District Engineering Office**, for the **modification** of the project under FY 2020 GAA, to wit;

As per GAA/Original			As Modified		
Project Description					
<b>UACS No.310107100133000</b> <b>Project ID: P00400104MN</b>  OO1: Ensure Safe and Reliable National Road System – Asset Preservation – Rehabilitation / Reconstruction of National Roads with Slips, Slope Collapse, and Landslide –Primary Roads  Daang Maharlika (MN) – K1388+450 – K1388+480, K1388+796 – K1388+970			 OO1: Ensure Safe and Reliable National Road System - Asset Preservation – Rehabilitation / Reconstruction of National Roads with Slips, Slope Collapse, and Landslide – Primary Roads  Daang Maharlika (MN)– K1388+ <b>442</b> – K1388+ <b>485</b> , K1388+796 – K1388+ <b>960</b> , <b>K1401+490 – K1401+600</b>		
Type of Work/ Physical Target	Unit Cost	Allocation	Type of Work/ Physical Target	Unit Cost	Estimated Cost
CW-1 Construction of Road Slope Protection Structure: 4,000 sq.m.	₱ 14,475 / sq.m.	₱ 57,900,000	CW-1 Construction of Road Slope Protection Structure: <b>2,486.800 sq.m.</b>	₱ 23,283 / sq.m.	₱57,900,000
EAO		₱ 2,100,000			₱ 2,100,000
Total:		₱60,000,000	Total:		₱ 60,000,000
<b>Justification:</b> Decrease in physical target from <b>4,000 sq. m.to2,486.800 sq. m. with modification in station limits</b> is due to the following:					
<ul style="list-style-type: none"><li>• Change in station limits to prioritize most critical sections that need immediate slope protection especially along cliff section wherein substantial volume has already eroded;</li><li>• Section 1 (K1388+450 –K1388+480 to K1388+442 – K1388+485): Increase in length in slope protection but lesser area due to change in design from 3 layers of 12 m high steel sheet pile to 2 layers of 12 m high steel sheet pile with concrete copping and installation of metal guardrails since its along cliff section;</li><li>• Section 2 (K1388+796 –K1388+970 to K1388+796 – K1388+960): Additional scope of work is needed which includes construction of 2m width, 0.23 thick concrete shoulder on both sides. Embankment along cliff section (height = 3.8m, width = 6.2m) is mostly from borrow which entails higher costs; and</li><li>• Section 3 (K1401+490 –K1401+600): Additional section with urgent need of slope protection. As perfinal design, 2 layers (layer 1 = 8 m and layer 2 = 10 m) of <u>steel sheet pile</u> is needed with concrete copping and installation of safety roller barrier system to address safety issues of vehicles.</li></ul>					

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

**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

