



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

Reference Number: **XI-040**  
Project ID: **P00537450MN**

April 19, 2021

**MEMORANDUM**

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

This refers to the memorandum dated 06 April 2021 of **DPWH Region XI OIC-Director REY PETER B. GILLE** endorsing the request of **District Engineer DANIEL A. JARAVATA, Davao de Oro District Engineering Office**, for the approval of Modification of the hereunder project covered by CY 2021 General Appropriation Act (GAA), to wit;

As per GAA/Original			As Modified		
Project Description					
UACS No. 300204101081000 Project ID : P00537450MN					
Convergence and Special Support Program - Construction/ Improvement of Access Roads leading to Trades, Industries and Economic Zones			Convergence and Special Support Program - Construction/ Improvement of Access Roads leading to Trades, Industries and Economic Zones		
Tubo-tubo Road connecting Monkayo Public Transport Terminal and SACARBEMCO Rubber Sheet Processing, SEMPACO Organic Fertilizer in support of Rubber, Palm Oil and Cardava Industries, Brgy. Tubo-tubo, Monkayo, Compostela Valley			Tubo-tubo Road connecting Monkayo Public Transport Terminal and SACARBEMCO Rubber Sheet Processing, SEMPACO Organic Fertilizer in support of Rubber, Palm Oil and Cardava Industries, Brgy. Tubo-tubo, Monkayo, Compostela Valley		
Type of Work/ Physical Target	Unit Cost	Allocation	Type of Work/ Physical Target	Unit Cost	Estimated Cost
CW1 – Construction of Concrete Road/ 2.470 lane km	₱ 11,902,834.00/ lane km	₱ 29,400,000.00	CW1 – Construction of Concrete Road/ 1.770 lane km	₱ 16,610,169.49/ lane km ₱ 33.2 M/km	₱ 29,400,000.00
EAO	-	₱ 600,000.00	EAO	-	₱ 600,000.00
Total		₱ 30,000,000.00	Total		₱ 30,000,000.00
<b>Justification:</b> 28% decrease in target Decrease in the physical target from 2.47 lane km to 1.77 lane km due to the following: <ul style="list-style-type: none"><li>Road traverses a rolling with portions of mountainous terrain instead of the anticipated rolling terrain for the entire section;</li><li>The design of road requires very massive excavation works (surplus common) with a total volume of 42,511 cu.m. (side cuts of up to 31 meters) to conform with the DPWH Design Guidelines and Standards (Horizontal and Vertical Alignment and Road Width), as such, with higher unit cost;</li><li>The Portland Cement Concrete Pavement (PCCP) used is 14-day concrete instead of the usual 28-day concrete for the 2-lane road with 6.1 m width with thickness of 280 mm;</li><li>Project includes construction of drainage structures with pipe culverts of different sizes (910 mm and 1220 mm dia.), grouted riprap line canal and stone masonry; and</li><li>Scope of work also includes application of reflectorized thermoplastic pavement markings.</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.

**EUGENIO R. PIPO, JR.**

Undersecretary for Regional Operations in Mindanao

**APPROVED/DISAPPROVED:**

**MARK A. VILLAR**  
Secretary

2.3 aap/LCA/AVS/AGC/ERP

Department of Public Works and Highways  
Office of the Secretary



WIN1G02904