



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

Reference Number: **XI-058**  
Project ID: **P00633003MN**

March 24, 2022

**MEMORANDUM**

**FOR : ROGER G. MERCADO**  
Acting Secretary  
This Department

This refers to the Memorandum dated 23 March 2022 of **DPWH Region XI, OIC-Assistant Regional Director ARTURO P. LONGYAPON**, endorsing the request of **District Engineer JANE D. CAINGHOG, Davao Oriental 2nd DEO**, for the modification of the project under FY 2022 GAA, to wit:

As per GAA/Original			As Modified		
Project Description					
<b>UACS No. 300204101111000</b> <b>Project ID: P00633003MN</b>  Convergence and Special Support Program - Construction/ Improvement of Access Roads leading to Trades, Industries and Economic Zones (Roads Leveraging Linkages for Industry and Trade Infrastructure Program - ROLL-IT)  Road from Junction Brgy. Sainz connecting to Sitio Licop in support of Cacao, Coffee, Corn, and Mango Industries, Mati City, Davao Oriental			Convergence and Special Support Program - Construction/ Improvement of Access Roads leading to Trades, Industries and Economic Zones (Roads Leveraging Linkages for Industry and Trade Infrastructure Program - ROLL-IT)  Road from Junction Brgy. Sainz connecting to Sitio Licop in support of Cacao, Coffee, Corn, and Mango Industries, Mati City, Davao Oriental		
Type of Work/ Physical Target	Unit Cost	Allocation	Type of Work/ Physical Target	Unit Cost	Estimated Cost
CW-1 Construction of Concrete Road: 0.654 Lane Km	P 22,066,483.18/ Lane Km	P 14,431,480.00	CW-1 Construction of Concrete Road: 0.300 Lane Km	P 48,104,933.33/ Lane Km	P 14,431,480.00
EAO		P 294,520.00			P 294,520.00
<b>Total: P 14,726,000.00</b>			<b>Total: P 14,726,000.00</b>		
<b>Justification:</b> Decrease in physical target from 0.654 lane km to 0.300 lane km with increase in unit cost due to the following: <ul style="list-style-type: none"> <li>The road alignment traverses on mountainous terrain (with steep gradeline), hence, require huge volume of earthworks;</li> <li>The design requires massive excavation works (surplus common = 5,172.00 cu. m. and rippable = 29,510 cu. m., more than 50% of the project cost) which mostly involves through cuts ranging from 10 m – 15 m and sidecuts ranging from 30 m – 35 m, and embankments works with a total volume of 4,194.00 cu. m. to conform with the DPWH Design Guidelines and Standards (Horizontal and Vertical Alignment and Road Width);</li> <li>The Portland Cement Concrete Pavement (PCCP) used in the design was of 14-day concrete instead of the usual 28-day;</li> <li>Project also includes construction of grouted riprap lined canal and installation of cross-drain with pipe culverts (RCPC) of 910mm dia.; and</li> <li>Inclusion of miscellaneous structures such as trees furnishing &amp; transplanting and application of reflectorized thermoplastic pavement markings.</li> <li>The derived unit cost is based on approved Detailed Unit Price Analysis (DUPA) and Program of Works (POW).</li> </ul>					

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

**EUGENIO R. PIHO, JR.**  
Undersecretary for Regional Operations in Mindanao

**APPROVED/DISAPPROVED:**  
  
**ROGER G. MERCADO**  
Acting Secretary

Department of Public Works and Highways  
Office of the Secretary  
  
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Stamp: Secretary, DPWH