



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

May 12, 2023

**MEMORANDUM**

**FOR :** **MANUEL M. BONOAN**  
Secretary  
This Department

This refers to the memorandum dated 25 April 2023 of **DPWH Region IX Director CAYAMOMBAO D. DIA, CESO III**, favorably endorsing the request of **District Engineer JUL-ARAB A. KONG, Zamboanga City District Engineering Office** for the **modification** of the project under FY 2023 GAA, to wit;

As per GAA/Original			As Modified		
Project Description					
<b>UACS No.: 300225101409000</b> <b>Project ID.: P00732471MN</b>					
Convergence and Special Support Program - Basic Infrastructure Program (BIP) - Flood Mitigation Structures protecting Public Infrastructures/Facilities			Convergence and Special Support Program - Basic Infrastructure Program (BIP) - Flood Mitigation Structures protecting Public Infrastructures/Facilities		
Construction of Flood Control Structure, Villa Sta. Maria, Barangay Sta. Maria, Zamboanga City, Zamboanga del Sur			Construction of Flood Control Structure, Villa Sta. Maria, Barangay Sta. Maria, Zamboanga City, Zamboanga del Sur		
Type of Work/ Physical Target	Unit Cost	Allocation	Type of Work/ Physical Target	Unit Cost	Estimated Cost
CW1- Construction of Flood Mitigation Structure/ 76.607 ln.m.	₱ 142,154.11 / ln.m.	₱ 10,890,000.00	CW1- Construction of Flood Mitigation Structure/ 30.20 ln.m.	₱ 360,596.03 / ln.m.	₱ 10,890,000.00
EAO	—	₱ 110,000.00	EAO	—	₱ 110,000.00
Total:		₱ 11,000,000.00	Total:		₱ 11,000,000.00
<b>Justification:</b>					
Decrease in physical target/increase in unit cost for CW1 – Construction of Flood Mitigation Structure from 76.609 ln.m. (₱ 142,154.11/ln.m.) to 30.20 ln.m. (₱ 360,596.03/ln.m.), due to the following reasons:					
<ul style="list-style-type: none"><li>The design of flood mitigation structure is composed of reinforced concrete with a design thickness of 0.30 meters, base width of 8 meters and average height of 6.3 meters (berms are provided every 3.5 meters of height from the bottom of the slope; The design also includes the furnishing and driving of structural steel sheet pile of length 6 meters per pile (width of 0.40 meters) which constitutes 36.54% (₱ 3,979,336.14) of the total project cost.</li><li>The project involves a design slope of 1:2 from the conventional 1:1, to avoid encroachment to the nearby residential area and avoid Right-of-Way (ROW) acquisition.</li><li>The derived unit cost is based on the approved Program of Works (POW) and Detailed Unit Price Analysis (DUPA).</li><li>See attached Certificate of Reasonableness of Cost Estimate signed by District Engineer Jul -Arab A. Kong and Regional Director Cayamombao D. Dia CESO III.</li></ul>					

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

  
**ADOR G. CANLAS**

Assistant Secretary for Regional Operations  
in CAR, Regions I, II, IX, X, XI, XII, and XIII


**RECOMMENDING APPROVAL:**

*subject to further not verified*  
*[Signature]*

**MARIA CATALINA E. CABRAL, Ph.D., CESO I**  
Undersecretary for Planning  
and Public-Private Partnership Services

*NOTED!*  
*[Signature]*  
**EUGENIO R. PIPO, JR.**  
Undersecretary for Regional Operations  
in CAR, Regions I, II, IX, X, XI, XII, and XIII

**APPROVED/DISAPPROVED:**

  
**MANUEL M. BONOAN**  
Secretary

2.3 mksa/OAL/AVS/AGC/ERP

Department of Public Works and Highways  
Office of the Secretary



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Undersecretary for Planning  
and Public-Private Partnership Services

  
**EUGENIO R. PIPO, JR.**  
Undersecretary for Regional Operations  
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**APPROVED / DISAPPROVED:**

  
**MANUEL M. BONOAN**  
Secretary

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