



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

**MEMORANDUM**

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

This refers to the Memorandum dated 11 April 2018 of **DPWH Region XI Regional Director ALLAN S. BORRAMEO, CESO IV**, endorsing the request of District Engineer Wilfredo G. Aguilar, Davao City DEO, for the approval of the Modification of the hereunder project for FY 2018 General Appropriation Act (GAA), to wit:

As per GAA/Original			As Modified		
Project Description					
<b>UACS No. 320102100547000</b> <b>Project ID: P00220023MN</b>					
OO2: Protect Lives and Properties Against Major Floods			OO2: Protect Lives and Properties Against Major Floods		
Flood Management Program			Flood Management Program		
Construction/ Rehabilitation of Flood Mitigation Facilities within Major River Basins and Principal Rivers			Construction/ Rehabilitation of Flood Mitigation Facilities within Major River Basins and Principal Rivers		
Installation of Gabions and Mattresses along Bago River, Kaliraya Section, Sta. 1+008 – Sta. 1+587, Sta. 1+593 – Sta. 1+702 Left Bank, Davao City			Installation of Gabions and Mattresses along Bago River, Kaliraya Section, Sta. <b>1+044</b> – Sta. 1+587, Sta. 1+593 – Sta. 1+702 Left Bank, Davao City		
Physical Target	Unit Cost (P'000)	Allocation (P'000)	Physical Target	Unit Cost (P'000)	Estimated Cost (P'000)
CW1 Construction of Flood Mitigation Structure: 688 lineal meters	P 71.22/ lineal meter	P 49,000	CW-1 Construction of Flood Mitigation Structure: 652 lineal meters	P 75.15/ lineal meter	P 49,000
EAO	-	P 1,000	EAO	-	P 1,000
Total:		P 50,000	Total:		P 50,000
<b>Justification:</b> Decrease in physical target from 688 lm to 652 lm due to: <ul style="list-style-type: none"><li>The design requires 7 layers of gabions due to low bank elevation instead of the anticipated 8 layers;</li><li>Massive embankment with a height of 1.5 m to provide a 1-meter freeboard based on the designed flood level; and</li><li>Modified station limit from Sta. 1+008 to Sta. 1+044 due to the existing bridge with slope protection at Sta. 1+008 - Sta. 1+044.</li></ul>					

Based on our evaluation, the herein request is found in order, hence approval is hereby recommended.

**RAFAEL V. YABUT**  
Senior Undersecretary  
Undersecretary for Regional Mindanao Operation

**APPROVED/DISAPPROVED:**

**MARK A. VILLAR**  
Secretary

2.1 MSQ/ACF/RCY

Department of Public Works and Highways  
Office of the Secretary



WIN8C02778

46