



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

Reference Number: **XI-234**
Project ID: **P00522191MN**

May 17, 2021

MEMORANDUM

FOR : MARK A. VILLAR
Secretary
This Department

This refers to the memorandum dated 23 April 2021 of DPWH Region XI OIC-Director REY PETER B. GILLE, endorsing the request of District Engineer RICHARD A. RAGASA, Davao City District Engineering Office, for the modification of the project under FY 2021 GAA, to wit:

As per GAA/Original			As Modified		
Project Description					
UACS No. 320101107099000 Project ID: P00522191MN OO2: Protect Lives and Properties Against Major Floods – Flood Management - Construction/ Maintenance of Flood Mitigation Structures and Drainage Systems Construction Flood Mitigation Structure protecting Daang Maharlika (MN) at Brgy. Bunawan, Davao City			OO2: Protect Lives and Properties Against Major Floods – Flood Management - Construction/ Maintenance of Flood Mitigation Structures and Drainage Systems Construction Flood Mitigation Structure protecting Daang Maharlika (MN) at Brgy. Bunawan, Davao City		
Type of Work/ Physical Target	Unit Cost	Allocation	Type of Work/ Physical Target	Unit Cost	Estimated Cost
CW1- Construction of Flood Mitigation Structure/ 300.000 lm	P 81,666.67/ lm	P 24,500,000	CW1- Construction of Flood Mitigation Structure/ 209.000 lm	P 117,224.88/ lm	P 24,500,000
EAO	-	P 500,000	EAO	-	P 500,000
Total:		P 25,000,000	Total:		P 25,000,000
Justification: <i>30% decrease in target</i> Decrease in physical target for construction of flood mitigation structure from 300.000 lineal meters to 209.000 lineal meters due to the following:					
<ul style="list-style-type: none">As per survey and design analysis, the design for flood mitigation structure is 8-layers of gabion mattress instead of the anticipated 7-layers only for the entire section for soil stabilization and to prevent river bank erosion/scouring;Design also includes 340.80 cu.m. of riprap "Class D" and 268.90 cu.m. of Grouted Riprap "Class A" as toe protection;Project has substantial cost since design of flood mitigation structure requires substantial earthworks with structure excavation (common) of 6,167.50 cu.m., clearing and grubbing (2,090 sq.m.), and backfill (2,272.20 cu.m.); andScope of work also includes removal of structures and obstruction (including restoration of concrete/wooden houses), furnishing & transplanting of trees, installation of coconuts and installation of coccoloba with vegetation.					

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

EUGENIO R. PIPO, JR.
Undersecretary for Regional Operations in Mindanao

APPROVED/DISAPPROVED:

MARK A. VILLAR
Secretary

Department of Public Works and Highways
Office of the Secretary
WIN1E02729