



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

Reference Number: **XI-058**
Project ID: **P00522362MN**

April 22, 2021

MEMORANDUM

FOR : MARK A. VILLAR
Secretary
This Department

This refers to the memorandum dated 07 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. 320102104424000 Project ID: P00522362MN					
OO2: Protect Lives and Properties Against Major Floods – Flood Management - Construction/ Rehabilitation of Flood Mitigation Facilities within Major River Basins and Principal Rivers			OO2: Protect Lives and Properties Against Major Floods – Flood Management - Construction/ Rehabilitation of Flood Mitigation Facilities within Major River Basins and Principal Rivers		
Construction of Flood Mitigation Structure, F. Torres Bridge (Downstream), Davao River, Brgy 9-A, Davao City			Construction of Flood Mitigation Structure, F. Torres Bridge (Downstream), Davao River, Brgy 9-A, 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 / 348.705 lm	P 84,311.71/ lm	P 29,400,000	CW1- Construction of Flood Mitigation Structure / 102.00 lm	P 288,235.29/ lm	P 29,400,000
EAO	-	P 600,000	EAO	-	P 600,000
Total:		P 30,000,000	Total:		P 30,000,000
Justification: <i>Use of gabions to decrease in target</i> Decrease in physical target from 348.705 lineal meters to 102 lineal meters with increase in unit cost due to the following:					
<ul style="list-style-type: none">Project requires 10-layers of gablons and mattresses to complement the design of the adjacent section previously funded under FY 2020 GAA;This involves 711 cubic meters of riprap "Class D" and 60 cubic meters of "Class A" for toe protection and soil stability;Design also requires massive earthworks with 6,853 cu. m. of structure excavation (common soil), 2,107.50 cu. m. of embankment (mostly from borrow) and 3, 426.50 cu. m. of fill and backfill;Since the area is not accessible by land, double handling of materials and equipment is being considered which will be transported via Barge, as such, it contributes to a higher unit cost; andScope of work also includes removal and restoration of structures/obstructions (17 wooden/concrete houses, lined canal and concrete pavement) including other miscellaneous structures such as trees furnishing (4,000 pcs.) and transplanting, installation of coco-net, coco-log/fascine and vegetation.					

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

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

APPROVED/DISAPPROVED:

MARK A. VILLAR
Secretary

2.3 mksa/LCA/AVS/ERP

Department of Public Works and Highways
Office of the Secretary



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