



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

Reference Number: XI-081
Project ID: P00522203MN

April 15, 2021

MEMORANDUM

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

This refers to the memorandum dated March 30, 2021 of **DPWH Region XI OIC - Director REY PETER B. GILLE**, endorsing the request of **District Engineer NICOMEDES D. PARILLA, JR.**, Davao del Sur DEO, for the **modification** of the project under FY 2021 GAA, to wit;

As per GAA/Original			As Modified		
Project Description					
UACS No. 320101107111000 Project ID: P00522203MN					
OO2: Protect Lives and Properties Against Major Floods – Construction/ Maintenance of Flood Mitigation Structures and Drainage Systems			OO2: Protect Lives and Properties Against Major Floods – Construction/ Maintenance of Flood Mitigation Structures and Drainage Systems		
Construction/Upgrading/Rehabilitation of Drainage Outfall - Jct. Digos-Makar, Balutakay Section, Hagonoy, Davao del Sur			Construction/Upgrading/Rehabilitation of Drainage Outfall - Jct. Digos-Makar, Balutakay Section, Hagonoy, Davao 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: 1,806.638 ln. m	P 18,985.54/ ln. m	P 34,300,000.00	CW1- Construction of Flood Mitigation Structure: 950 ln. m	P 36,105.26/ ln. m	P 34,300,000.00
EAO	-	P 700,000.00	EAO	-	P 700,000.00
Total:		P 35,000,000.00	Total:		P 35,000,000.00
Justification: 47% decrease in target • Decrease in the physical target for construction of flood mitigation structure from 1,806.638 ln. m to 950 ln.m due to the following: <ul style="list-style-type: none">As per survey and design analysis, the appropriate design width for construction of concrete lined canal is 3.30 meters instead of the anticipated width of 2.0m to accommodate the volume of run-off water since the area is flood prone. Hence, with higher unit cost.The design also includes steel sheet piles (depth = 9 meters and quantity of 261 lineal meters) and 1,470 cu.m of hand-laid rock embankment on toe protection.Also, project has substantial cost since design of concrete lined canal includes embankment from borrow of 1,006.21 cu.m and structure excavation of 6,359.80 cu.m.					

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

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2.3 LDAM/LCA/AVS/AGC/ERP