



Philippines
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
OFFICE OF THE SECRETARY
Manila

Number: _____
Project ID: **P00522101MN**

May 26, 2021

MEMORANDUM

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

This refers to the memorandum dated 11 May 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. 320101106300000 Project ID: P00522101MN OO2: Protect Lives and Properties Against Major Floods – Flood Management - Construction/ Maintenance of Flood Mitigation Structures and Drainage Systems Drainage System Leading to Dacudao Maindrain, Davao City			OO2: Protect Lives and Properties Against Major Floods – Flood Management - Construction/ Maintenance of Flood Mitigation Structures and Drainage Systems Drainage System Leading to Dacudao Maindrain, Davao City		
Type of Work/ Physical Target	Unit Cost	Allocation	Type of Work/ Physical Target	Unit Cost	Estimated Cost
CW1- Construction of Drainage Structure / 3,028.133 lm	P 18,694.94/ lm	P 56,610,760	CW1- Construction of Drainage Structure / 1,500.000 lm	P 37,740.51/ lm	P 56,610,760
EAO	-	P 2,053,240	EAO	-	P 2,053,240
Total:		P 58,664,000	Total:		P 58,664,000
Justification: <i>50% decrease in target</i> Decrease in physical target for construction of drainage structure from 3,028.133 lineal meters to 1,500.000 lineal meters due to the following: <ul style="list-style-type: none"> As per design, the project considers construction of 316 lineal meters of 5.6m x 3.8m concrete lined canal with concrete bracing and installation of 1,184.000 lineal meters of 910mm dia. and 1520mm dia. Reinforced Concrete Pipe Culverts (RCPC, Class IV) including manholes with iron ductile cover and inlets; Design includes construction of 6 meter wide, 0.280m thk Portland Cement Concrete Pavement (PCCP) on a 7-day concrete curing (since project is along highly urbanized area) to raise the road elevation (Site C) and reconstruction of the road since portions of drainage structures are along the carriageway; The design of drainage requires massive earthworks such as excavation with a total volume of 9,392.20 cu.m., embankment from borrow, clearing and grubbing (1,1776 sq.m.), foundation fill, shoring, and aggregate subbase course (3,243.00 cu.m.); and Also, it includes riprap "Class D" of 590.00 cu.m. for toe protection and soil stability, removal of actual structures and obstruction (0.23m thk PCCP, 0.10m thk sidewalk, curb and gutter, riprap, manholes, guardrails, and guardrail post), fence (CHB, Plant Box), metal railings (3,809.67 meters), and miscellaneous structures such as furnishing & transplanting of 200 trees, sidewalk (100mm thk), and curb & gutter (cast in place). 					

See RD/ DE Certificate of Cost Assessment
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

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Department of Public Works and Highways
Office of the Secretary

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