



DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
OFFICE OF THE SECRETARY
Manila

Project ID: **P00550554MN**

May 26, 2021

MEMORANDUM

FOR : MARK A. VILLAR
Secretary
This Department

This refers to the memorandum dated 10 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. 300106200760000 Project ID: P00550554MN					
Local Program - Flood Control and Drainage - Flood Control Structures / Facilities - Construction / Repair / Rehabilitation / Improvement of Various Infrastructure including Local Projects			Local Program - Flood Control and Drainage - Flood Control Structures / Facilities - Construction / Repair / Rehabilitation / Improvement of Various Infrastructure including Local Projects		
Construction of Flood Mitigation Structure at Sasa Creek Outfall, Davao City			Construction of Flood Mitigation Structure at Sasa Creek Outfall, 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 / 250.000 lm	₱ 196,000/ lm	₱ 49,000,000	CW1- Construction of Flood Mitigation Structure / 235.00 lm	₱ 208,510.64/ lm	₱ 49,000,000
EAO	-	₱ 1,000,000	EAO	-	₱ 1,000,000
Total:		₱ 50,000,000	Total:		₱ 50,000,000

Justification:

Decrease in physical target from 250 lineal meters to 235 lineal meters with increase in unit cost due to the following;

- Project requires Z-Type Hot Rolled Steel Sheet Pile (height of 12m) with pile cap instead of the ordinary structural steel sheet pile to ensure high strength on steel grade since it has a very high section modulus and it is a larsen interlocked sheet piles;
- The design also requires riprap "Class D" of 614.40 cu. m. which is essential for toe protection and soil stability especially that substantial volume of soil already receded due to erosion;
- In addition, this involves 1m width of 0.20m thick unreinforced Portland Cement Concrete Pavement (PCCP) on 7-day concrete curing as pathway and 1.5m high parapet wall on steel sheet pile as top structure of the project for safety purposes and protection from overflowing of water from the river to the nearby residence;
- Moreover, project requires massive earthworks such as unsuitable excavation (2,700.29 cu. m.) for creek widening, clearing and grubbing and foundation fill; and
- Scope of work also includes removal and restoration of structures/obstructions (235.59 cu. m. concrete) and 20 lineal meters detour/access road including maintenance for the whole project duration.

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.

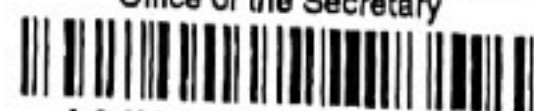
Undersecretary for Regional Operations in Mindanao

APPROVED/DISAPPROVED:

MARK A. VILLAR
Secretary

2.3.mksa/LCA/AVS/AGC/ERP

Department of Public Works and Highways
Office of the Secretary



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