



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

Reference Number: **XI-240**  
Project ID: **P00550533MN**

May 18, 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 approval of Modification of the hereunder project covered by CY 2021 General Appropriation Act (GAA), to wit;

As per GAA/Original			As Modified		
Project Description					
UACS No. 300106200566000 Project ID : P00550533MN  Local Program - Flood Control and Drainage - Flood Control Structures / Facilities - Construction / Repair / Rehabilitation / Improvement of Various Infrastructure including Local Projects  Construction of Revetment along Matina River, Matina Aplaya Section, Davao City			Local Program - Flood Control and Drainage - Flood Control Structures / Facilities - Construction / Repair / Rehabilitation / Improvement of Various Infrastructure including Local Projects  Construction of Revetment along Matina River, Matina Aplaya Section, Davao City		
Type of Work/ Physical Target	Unit Cost	Allocation	Type of Work/ Physical Target	Unit Cost	Estimated Cost
CW1 - Construction of Revetment/ 450.00 l.m.	₱ 214,444.44/ l.m.	₱ 96,500,000.00	CW1 - Construction of Revetment/ 300.00 l.m.	₱ 321,666.67/ l.m.	₱ 96,500,000.00
EAO	-	₱ 3,500,000.00	EAO	-	₱ 3,500,000.00
Total		₱ 100,000,000.00	Total		₱ 100,000,000.00

**Justification:** *33% decrease in target*

Decrease in physical target from 450 lineal meters to 300 lineal meters with increase in unit cost due to the following:

- It uses Z-type Hot Rolled Steel Sheet Pile with pile cap for high strength on steel grade instead of the ordinary structural steel sheet piles since it is more efficient based on design for it requires a very high section modulus and it is larsen interlocking;
- Project design considers a height of 3.9m retaining wall with massive earthwork requirement such as unsuitable excavation (10,341.15 cu.m.) for river widening, surplus common excavation, clearing and grubbing, foundation fill and embankment (from borrow and roadway/structure excavation);
- Project includes Riprap "Class D" with a volume of 2,265.00 cu.m. for toe protection and soil stability especially since substantial volume of soil has already receded due to erosion; and
- Scope of work also includes removal and restoration of actual structures/obstruction (80 wooden/concrete houses and fences), removal of existing riprap, trees and furnishing and transplanting (2,500 pcs), removal of trees and 300 lineal meters of detour/access road including maintenance for the whole project duration.

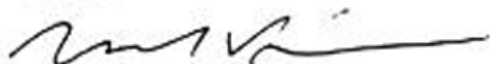
Based on our evaluation, the submitted request for modification is in order, hence, it is respectfully recommended to the Secretary for his consideration and approval.

*See MD Card*  
*Chs Resubmission*

  
**EUGENIO R. PIÑO, JR.**

Undersecretary for Regional Operations in Mindanao

**APPROVED/DISAPPROVED:**



**MARK A. VILLAR**  
Secretary

2.3 aap/LCA/AVS/AGC/ERP

Department of Public Works and Highways  
Office of the Secretary



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