



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

23 APR 2018

**MEMORANDUM**

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

This refers to the Memorandum dated 10 April 2018 of **DPWH Region XI Regional Director ALLAN S. BORRAMEO, CESO IV**, endorsing the request of District Engineer Alberto L. Cainghog, **Davao Oriental 1st DEO**, for the approval of the Modification of the hereunder project for FY 2018 General Appropriation Act (GAA), to wit:

As per GAA/Original			As Modified		
Project Description					
UACS No. 320101102341000 Project ID: P00220099MN  OO2: Protect Lives and Properties Against Major Floods  Flood Management Program – Construction/Maintenance of Flood Mitigation Structures and Drainage Systems  Construction of Revetment on Sheet Piles Foundation, Caraga River Bank Protection, Caraga, Davao Oriental			OO2: Protect Lives and Properties Against Major Floods  Flood Management Program – Construction/Maintenance of Flood Mitigation Structures and Drainage Systems  Construction of Revetment on Sheet Piles Foundation, Caraga River Bank Protection, Caraga, Davao Oriental		
Physical Target	Unit Cost (P'000)	Allocation (P'000)	Physical Target	Unit Cost (P'000)	Estimated Cost (P'000)
CW-1 Construction of Revetment: 200.00 Lineal Meters (lm)	P 171.50/ Lineal Meter (lm)	P 34,300.00	CW-1 Construction of Revetment: 136.20 Lineal Meters (lm)	P 251.84/ Lineal Meter (lm)	P 34,300.00
EAO	-	P 700.00	EAO	-	P 700.00
Total:		P 35,000.00	Total:		P 35,000.00
Justification: Decrease in physical target from 200.00 Lineal meters to 136.20 Lineal meters due to: <ul style="list-style-type: none"><li>The project is located near existing bridge abutment and approach where deep scouring is visible, hence substantial height (12m instead of the anticipated 10m) for a steel sheet pile foundation is needed.</li><li>Considerable amount needed for the appropriate type of revetment to be constructed, combination of gabions and reinforced concrete slope on steel sheet piles foundation. Gabions will serve as an embankment to replace the scoured bank and to further stabilize the slope, thus, increase in unit cost.</li></ul>					

Based on our evaluation, the herein request is found in order, hence approval is hereby recommended.

  
**RAFAEL E. YABUT**  
Senior Undersecretary  
Undersecretary for Mindanao Regional Operations

**APPROVED/DISAPPROVED:**

  
**MARK A. VILLAR**  
Secretary

2.1 MSQ/ACF/RCY

Department of Public Works and Highways  
Office of the Secretary



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