



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

05 JUN 2018

MEMORANDUM

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

This refers to the Memorandum of **DPWH Region XI Regional Director ALLAN S. BORRAMEO, CESO IV**, endorsing the request of District Engineer Joselito B. Caballero, Compostela Valley 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. 320101102275000 Project ID: P00220529MN					
OO2: Protect Lives and Properties			OO2: Protect Lives and Properties		
Flood Management - Construction/ Maintenance of Flood Mitigation Structures and Drainage Systems			Flood Management - Construction/ Maintenance of Flood Mitigation Structures and Drainage Systems		
Rechanneling/Construction of Revetment along Matiao River (Bucana), Brgy. Matiao, Pantukan Compostela Valley			Rechanneling/Construction of Revetment along Matiao River (Bucana), Brgy. Matiao, Pantukan Compostela Valley		
Physical Target	Unit Cost (P'000)	Allocation (P'000)	Physical Target	Unit Cost (P'000)	Estimated Cost (P'000)
CW-1 – Construction of Revetment: 1,300 Lineal meters	P 17.39/ Lineal meter	P 22,606.268	CW-1 – Construction of Revetment: 208.959 Lineal meters	P 163.21/ Lineal meter	P 34,104.00
CW-2 – Channelization: 730 cubic meters	P 15.75/ cubic meter	P 11,497.732	ROW- ROW Acquisition: 1,143 square meters	P 0.17/ square meter	P 196.00
ROW- ROW Acquisition: 1,143 square meters	P 0.17/ square meter	P 196.00	EAO	-	700.00
EAO	-	700.00			
Total:		P 35,000	Total:		P 35,000
Justification: Decrease in physical target for construction of revetment from 1,300 lm to 208.959 lm due to the following:					
<ul style="list-style-type: none">Change in design of revetment from gabions and mattresses to reinforced concrete slope protection including two layers of gabions for closure.The design height of revetment was increased from 4.00m to 5.00m to provide freeboard.Inclusion of sheet piles (8.00m in depth) to ensure structural stability considering that the underlying soil is soft and to prevent from excessive scouring on the riverbank especially that soil erosion was observed.Supplementary sheet piles (4.00m in height) was also added to the design to act as deadman for the structure.The volume of excavation from rechannelization will be utilized as embankment material for the revetment since alignment for the revetment requires substantial volume of embankment, hence, deleted the CW2.					
Please see attached Summary of Cost for CW1 – Construction of Revetment.					

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

RAFAEL C. YABUT
Senior Undersecretary
Undersecretary for Mindanao Regional Operations

APPROVED/DISAPPROVED:

MARK A. VILLAR
Secretary

RAFAEL C. YABUT
Senior Undersecretary
Officer-In-Charge

2.1 MSQ/ACF/RCY

Department of Public Works and Highways
Office of the Secretary



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