



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

MAR 29 2021

MEMORANDUM

FOR : MARK A. VILLAR  
Secretary

Respectfully forwarded is the memorandum dated May 27, 2021 of Regional Director **VIRGILIO C. EDUARTE, DPWH-REGION V**, endorsing the request of District Engineer **RAINERO A. ZERDA, Albay 1<sup>st</sup> DEO**, for the **modification** of project under the FY 2021 GAA, RA 11518, to wit:

As per GAA/Original			As Modified		
<b>Project Description</b>					
<b>UACS No.</b> 320101106169000 <b>Project ID:</b> P00525689LZ					
OO2: Protect Lives and Properties Against Major Floods			OO2: Protect Lives and Properties Against Major Floods		
Construction/ Maintenance of Flood Mitigation Structures and Drainage Systems			Construction/ Maintenance of Flood Mitigation Structures and Drainage Systems		
Rehabilitation/Improvement of Bulawan Flood Control, San Francisco Section, Malilipot, Albay			Rehabilitation/Improvement of Bulawan Flood Control, San Francisco Section, Malilipot, Albay		
Physical Target	Unit Cost	Allocation	Physical Target	Unit Cost	Allocation
CW-1 Rehabilitation / Major Repair of Flood Control Structure - <del>461.952</del> Lineal Meters	₱ 121,160 / Lineal Meters	₱ 55,970,000	CW-1 Rehabilitation / Major Repair of Flood Control Structure - <del>152.0</del> Lineal Meters	₱ 368,224 / Lineal Meters	₱ 55,970,000
EAO	-	₱ 2,030,000	EAO	-	₱ 2,030,000
<b>Total:</b>		<b>₱ 58,000,000</b>	<b>Total:</b>		<b>₱ 58,000,000</b>
<b>Justification:</b> <i>67% decrease in target</i> <ul style="list-style-type: none"><li>Decrease in physical target due to increase in unit cost to suit the design structure based on the result of the hydrologic and design analysis (copy attached). The high unit cost is attributed by the following:<ol style="list-style-type: none"><li>The scope of work involves construction of concrete slope protection with 6m vertical height and berm at 3m, making it a 2-layer flood control structure to reduce impact of water to the structure.</li><li>The design also requires concrete foundation in the middle and back of the structure while in the riverside requires steel sheet piles for the foundation along with concrete pile caps to prevent massive scouring (see typical detail of river control).</li></ol></li><li>The derived unit cost and physical target were based on the approved plans, POW, DUPA, CMPD and Certificate of Reasonableness of Cost (copy attached).</li></ul> <i>If NO is attached to plans high unit cost</i>					

Based on our evaluation, the submitted request for modification of the said project is in order; hence, approval hereof is recommended.

**RAFAEL C. YABUT**  
Senior Undersecretary  
Undersecretary for Operations  
Regions I, II, III, IV-A, V and CAR

APPROVED/DISAPPROVED:

**MARK A. VILLAR**  
Secretary

Department of Public Works and Highways  
Office of the Secretary



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