



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

OCT 22 2021

**MEMORANDUM**

**FOR : ROGER G. MERCADO**  
Acting Secretary  
This Department

This refers to the memorandum dated 18 August 2021 of **DPWH Region XIII Director POL M. DELOS SANTOS**, endorsing the request of **District Engineer NOEL R. OCLARIT**, **Surigao del Sur 2<sup>nd</sup> District Engineering Office**, for the **modification** of the project under **FY 2021 GAA**, to wit;

As per GAA/Original			As Modified		
Project Description					
<b>UACS No. 320101107199000</b> <b>Project ID: P00522291MN</b>  002: Protect Lives and Properties Against Major Floods – Flood Management - Construction/ Maintenance of Flood Mitigation Structures and Drainage Systems  Construction of River Bank Protection along Hinatuan River, Surigao del Sur			002: Protect Lives and Properties Against Major Floods – Flood Management - Construction/ Maintenance of Flood Mitigation Structures and Drainage Systems  Construction of River Bank Protection along Hinatuan River, Surigao del Sur		
Type of Work/ Physical Target	Unit Cost	Allocation	Type of Work/ Physical Target	Unit Cost	Estimated Cost
CW1- Construction of Revetment / 189.901 lm	P 206,423.35/ lm	P 39,200,000.00	CW1- Construction of Revetment / 115 lm	338,812.94/ lm	P 38,963,487.80
EAO	–	P 800,000.00	EAO	–	P 796,512.20
				<b>Subtotal</b>	<b>P 39,760,000.00</b>
				<b>Excess</b>	<b>P 240,000.00</b>
<b>Total:</b>				<b>Total:</b>	<b>P 40,000,000.00</b>
<b>Justification:</b> Decrease in physical target and increase in unit cost is due to; <ul style="list-style-type: none"> <li>Substantial cost for construction of revetment since the appropriate design for the bank protection structure is the installation of steel sheet piles with a total length of 5,463m and a depth of 18m and 21m based on actual size condition and result of soil exploration.</li> <li>This is also due to the inclusion of item for wave deflector and concrete facing with a volume of 213.79 cu.m.</li> <li>Also, Item 508(1) Hand-laid Rock Embankment, 1710(1)b Riprap B and 1704(2)a Selected Borrow for Topping are added as an embankment (height range from 3.0m-5.0m), considering that the maximum experience of flood level based on actual survey and detailed engineering design.</li> <li>The project includes Construction of Concrete Road. The major items are Item 311(1)c1 PCC Pavement (Unreinforced) 0.23m thick with a volume of 690.00 cu.m. and Item 508(1) Hand-laid Rock Embankment with a volume of 1,104.18 cu.m. The work items constitute the percentage amount of 3.48% and 4.77% of the total construction cost, respectively.</li> <li>The difference of the total amount by P240,000.00 from P40,000,000.00 to P39,760,000.00 is due to the corrections and adjustment made by BOC. Thus, the reduction of EAO was applied in accordance to the revised total project cost.</li> </ul>					

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:**

**ROGER G. MERCADO**

Acting Secretary

Department of Public Works and Highways  
Office of the Secretary



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