



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

Reference Number:	XIII-022
Project ID:	P00620257MN

March 22, 2022

**MEMORANDUM**

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

This refers to the memorandum dated March 11, 2022 of **DPWH Region XIII Director POL M. DELOS SANTOS**, requesting for the **modification** of the project under FY 2022 GAA, to wit;

As per GAA/Original			As Modified		
Project Description					
<b>UACS No. 320102104750000</b> <b>Project ID: P00620257MN</b>  002: Protect Lives and Properties Against Major Floods - Construction/ Rehabilitation of Flood Mitigation Facilities within Major River Basins and Principal Rivers  Construction of Flood Mitigation Structure, Agusan River Basin (Bit-os Section), <b>Sta. 0+000.00 - Sta. 0+157.00</b> , Butuan City, Agusan del Norte			002: Protect Lives and Properties Against Major Floods - Construction/ Rehabilitation of Flood Mitigation Facilities within Major River Basins and Principal Rivers  Construction of Flood Mitigation Structure, Agusan River Basin (Bit-os Section), <b>Sta. 0+124.935 - Sta. 0+244.00</b> , Butuan City, Agusan del Norte		
Type of Work/ Physical Target	Unit Cost	Allocation	Type of Work/ Physical Target	Unit Cost	Estimated Cost
CW1- Construction of Flood Mitigation Structure: <b>465.116 lm</b>	₱ 207,475.12 / lm	₱ 96,500,000.00	CW1- Construction of Flood Mitigation Structure: <b>119.065 lm</b>	₱ <b>810,481.67</b> / lm	₱ 96,500,000.00
EAO	-	₱ 3,500,000.00	EAO	-	₱ 3,500,000.00
<b>Total:</b>		<b>₱ 100,000,000.00</b>	<b>Total:</b>		<b>₱ 100,000,000.00</b>
<b>Justification:</b> <ul style="list-style-type: none"><li>Modification is requested due to the adjustment of station limits from Construction of Flood Mitigation Structure, Agusan River Basin (Bit-os Section), Sta. 0+000.00 - Sta. 0+157.00, Butuan City, Agusan del Norte to Construction of Flood Mitigation Structure, Agusan River Basin (Bit-os Section), Sta. 0+124.935 - Sta. 0+244.00, Butuan City, Agusan del Norte, in order to connect <u>and continue</u> with the project funded under <u>FY 2020 GAA</u>, which starts at Sta. 0+000 and will end at Sta. 0+124.935.</li><li>The reduction of physical target by 346.05 lineal meters (from 465.116 lineal meters to 119.065 lineal meters) is due to the <u>high</u> embankment requirement of the project which is structurally designed with 2 berms slope protection using Steel Sheet Pile and <u>H-Pile</u> for Deadman that varies into (36m to 15m), and (6m to 3m), respectively. The maximum height of embankment is 6.775 meters which is necessary since the project will protect the riverbank along Agusan River, the largest river in the region.</li><li>The increase in unit cost is due to the decreased of physical target, which is derived based on the approved Program of Works (POW) and Detailed Unit Price Analysis (DUPA).</li><li>See attached Certificate of Reasonableness of Cost Estimates.</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. PIHO, 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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