



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

NOV 23 2021

MEMORANDUM

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

This refers to the memorandum dated 8 September 2021 of **DPWH Region XIII Director POL M. DELOS SANTOS**, requesting for the **modification** of the project under FY 2021 GAA, to wit;

As per GAA/Original			As Modified		
Project Description					
UACS No. 320101106328000 Project ID: P00522129MN					
OO2: Protect Lives and Properties Against Major Floods – Flood Management - Construction/ Maintenance of Flood Mitigation Structures and Drainage Systems			OO2: Protect Lives and Properties Against Major Floods – Flood Management - Construction/ Maintenance of Flood Mitigation Structures and Drainage Systems		
Construction of Revetment along Agusan River Basin, Esperanza Section, Agusan del Sur			Construction of Revetment along Agusan River Basin, Esperanza Section, Agusan del Sur		
Type of Work/ Physical Target	Unit Cost	Allocation	Type of Work/ Physical Target	Unit Cost	Estimated Cost
CW1- Construction of Revetment / 947.425 lm	₱ 122,226.03/ lm	₱ 115,800,000	CW1- Construction of Revetment / 258.2 lm	₱ 445,525.77/ lm	₱ 115,034,755
EAO	–	₱ 4,200,000	EAO	–	₱ 4,172,245
				Subtotal	₱ 119,207,000
				Excess	₱ 793,000
				Total:	₱ 120,000,000
Total:		₱ 120,000,000			
Justification: <i>72% decrease in target; 265% increase in unit cost</i>					
<ul style="list-style-type: none">Modification is requested due to change in physical target from 947.425 as reflected on the published AIP to 258.20 lineal meter as per approved DED & POW with DUPA.The project uses structural <u>steel pile cap</u> as the main structural member of the bank protection structure to prevent scouring since it is along Agusan River, one of the largest rivers in the Philippines.Length of the <u>steel sheet pile</u> varies from 18m to 24m with a total length of 8,472m furnished and 8,401 driven, which covers 61.24% and 8.95% of the total cost of the project respectively.The additional support for the structure is the use of H-Pile with pile cap as the base for the deadman of the structure.Reinforced concrete slope protection structure with 2 berms design was used for soil stability and erosion protection to prevent further recession of the soil.The <u>earthworks cover 13.92%</u> of the total cost of the project which involves structural excavation, aggregate subbase course, and embankment from borrow. The structure is estimated to be 5.45m in height to alleviate overflowing from the river.The difference or an excess amount of ₱793,000.00 as reflected above (Allocation of ₱120,000,000.00 less than ₱119,207,000.00) is due to the correction and adjustments made by the Bureau of Construction (BOC). Please see attached approved Program of Works (POW) and Detailed Unit Price Analysis (DUPA) as corrected.					

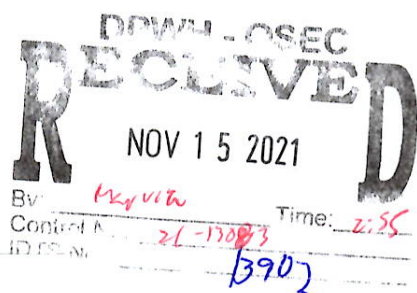
Based on our evaluation, the submitted request for modification of the said project is in order; hence, approval hereof is recommended.

Eugenio R. Piipo, Jr.
EUGENIO R. PIPO, JR.
Undersecretary for Regional Operations in Mindanao

APPROVED/DISAPPROVED:

Roger G. Mercado
ROGER G. MERCADO
Acting Secretary

2.3 mksa/LCA/AVS/AGC/ERP



Department of Public Works and Highways
Office of the Secretary



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