



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

July 08, 2022

MEMORANDUM

FOR : **MANUEL M. BONOAN**
Secretary
This Department

This refers to the memorandum dated 08 June 2022 of **DPWH Region XIII Director POL M. DELOS SANTOS** requesting for the **second modification** of the below-described project under FY 2022 General Appropriation Act (GAA) based on the justification/s provided hereunder, to wit;

As per GAA/Original			As Modified		
Project Description					
UACS No. 320101107788000 Project ID : P00620104MN					
OO2: Protect Lives and Properties Against Major Floods - Construction/ Maintenance of Flood Mitigation Structures and Drainage Systems			OO2: Protect Lives and Properties Against Major Floods - Construction/ Maintenance of Flood Mitigation Structures and Drainage Systems		
Construction of Flood Mitigation Structure at Brgy. Camagong, Sta. 0+000.00 - Sta. 0+360.00, Nasipit, Agusan del Norte			Construction of Flood Mitigation Structure at Brgy. Camagong, Sta. 0+000.00 - Sta. <u>0+259.50</u> , Nasipit, 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/ 416.667 l.m.	₱289,499.77/ l.m.	₱120,625,000.00	CW1 – Construction of Flood Mitigation Structure/ 519.00 l.m.	₱232,418.11/ l.m.	₱120,625,000.00
EAO	-	₱4,375,000.00	EAO	-	₱4,375,000.00
Total		₱125,000,000.00	Total		₱125,000,000.00

Justification:

- The adjustment of station limits in the project name from Construction of Flood Mitigation Structure at Brgy. Camagong, Sta. 0+000.00 -Sta. 0+360.00, Nasipit, Agusan del Norte to Construction of Flood Mitigation Structure at Brgy. Camagong, Sta. 0+000.00 - Sta. 0+259.50, Nasipit, Agusan del Norte was made to synchronize with the physical target.
- The increase in target length from 416.667 lineal meters to 519.00 lineal meters is the result of using shorter steel sheet pile as recommended per actual design plan/analysis. The 519.00 lineal meters slope protection works is to be implemented along the Camagong river located at Sta. 0+000 - Sta. 0+259.50 only. However, it shall be implemented at both riverbanks, thus, it resulted to the significant increase of 102.333 meters length in the physical target.
- The actual design of the structure has an average of 1.8m in height with length of 12m (depth) for steel sheet pile.
- Bank and Slope Protection Works covers 90.65% of the total direct cost of the project. It involves Structural Steel Sheet Piles/Furnished and Driven, and other pertinent concrete structures.
- Earthwork covers 7.26% of the total direct cost involving partial removal of existing structure in preparation for auxiliary works for the extension of length covered within this project, including structural excavation, and embankment from borrow.
- The derived unit cost is based on the approved Program of Works (POW) and Detailed Unit Price Analysis (DUPA) //

Based on our evaluation, the submitted request for **second modification** of the above cited project is in order. It is recommended for its approval, and thereby, supercedes the first modification dated **March 22, 2022**.

ADOR G. CANLAS

Assistant Secretary for Regional Operations
in Regions I, II, CAR, IX, X, XI, XII and XIII

APPROVED/~~DISAPPROVED~~

MANUEL M. BONGAN

Secretary

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Department of Public Works and Highways
Office of the Secretary



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