



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

March 9, 2023

MEMORANDUM

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

This refers to the memorandum dated 6 March 2023 of **DPWH Region IX Director CAYAMOMBAO D. DIA, CESO III**, requesting for the **modification** of the project under FY 2023 GAA, to wit;

As per GAA/Original			As Modified		
Project Description					
UACS No. 320101109334000 Project ID: P00721528MN 002: Protect Lives and Properties - Construction/ Maintenance of Flood Mitigation Structures and Drainage Systems Construction of Flood Control Structure along Tictapul River, Barangay Tictapul, ZamboangaCity			002: Protect Lives and Properties - Construction/ Maintenance of Flood Mitigation Structures and Drainage Systems Construction of Flood Control Structure along Tictapul River, Barangay Tictapul, ZamboangaCity		
Type of Work/ Physical Target	Unit Cost	Allocation	Type of Work/ Physical Target	Unit Cost	Estimated Cost
CW1- Construction of Flood Mitigation Structure / 940.172 ln. m.	₱ 138,565.07 / ln. m.	₱ 130,275,000.00	CW1- Construction of Flood Mitigation Structure / 346.0 ln. m	₱ 376,517.34 /ln. m.	₱ 130,275,000.00
EAO	-	₱ 4,725,000.00	EAO	-	₱ 4,725,000.00
Total:		₱ 135,000,000.00	Total:		₱ 135,000,000.00

Justification:

- The decrease in physical target/increase in unit cost is due to;
 - ✓ The huge volume of Item 508(1) Handlaid Rock Embankment and Item 405(1)a3 Structural Concrete which resulted to increase in the cost of Drainage and Slope Protection works to protect the river and the bridge from scouring, which constitutes 26.51% (₱34,541,947.09) of the total project cost.
 - ✓ The project involves a design slope of 1 : 2 from the conventional 1 : 1, to avoid encroachment to the residential area nearby and avoid ROW Acquisition, a design thickness of 0.3 meters of reinforce concrete, crest width of 3 meters, base width of 8 meters and average height of 7 meters from the top of pile cap.
 - ✓ The design also includes the furnishing and driving of structural steel sheet pile of length 18 meters per pile with a width of 0.40 meters, based on report of Calyx drilling which constitutes 69.12% (₱ 90,051,965.73) of the total project cost.
- 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 modification of the said project is in order; hence, approval hereof is recommended.


ADOR G. CANLAS

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

RECOMMENDING APPROVAL:


MARIA CATALINA E. CABRAL, Ph.D., CESO I
Undersecretary for Planning
and Public-Private Partnership Services


EUGENIO R. PIRO, JR.

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

APPROVED/~~DISAPPROVED~~:


MANUEL M. BONOAN
Secretary

2.3 aap/AVS/AGC/ERP

Department of Public Works and Highways
Office of the Secretary



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As per GAA/Original			As Modified		
Project Description					
UACS No. 320101109334000 Project ID: P00721528MN OO2: Protect Lives and Properties - Construction/ Maintenance of Flood Mitigation Structures and Drainage Systems Construction of Flood Control Structure along Tictapul River, Barangay Tictapul, ZamboangaCity			OO2: Protect Lives and Properties - Construction/ Maintenance of Flood Mitigation Structures and Drainage Systems Construction of Flood Control Structure along Tictapul River, Barangay Tictapul, ZamboangaCity		
Type of Work/ Physical Target	Unit Cost	Allocation	Type of Work/ Physical Target	Unit Cost	Estimated Cost
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APPROVED/DISAPPROVED:


MANUEL M. BONOAN
Secretary

WE
03/30/23
2.3 aap/AVS/AGC/ERP