

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

March 31, 2023

**MEMORANDUM**

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

This refers to the memorandum dated 22 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. 320101109312000 Project ID: P00721521MN  OO2: Protect Lives and Properties – Construction/ Maintenance of Flood Mitigation Structures and Drainage Systems  Construction of Flood Control Structure Tumaga River (Tetuan-Tugbungan Section), Package1, Zamboanga City			OO2: Protect Lives and Properties – Construction/ Maintenance of Flood Mitigation Structures and Drainage Systems  Construction of Flood Control Structure Tumaga River (Tetuan-Tugbungan Section), Package1, Zamboanga City		
Type of Work/ Physical Target	Unit Cost	Allocation	Type of Work/ Physical Target	Unit Cost	Estimated Cost
CW1- Construction of Flood Mitigation Structure / 1,044.635 ln. m.	P 138,565.14 /ln. m.	P 144,750,000.00	CW1- Construction of Flood Mitigation Structure / 433.0 ln. m.	P 185,590.92 /ln. m.	P 80,360,867.10
			CW2- Construction of Flood Mitigation Structure / 433.0 ln. m.	P 148,704.69 /ln. m.	P 64,389,132.90
EAO	–	P 5,250,000.00	EAO	–	P 5,250,000.00
Total:		P 150,000,000.00	Total:		P 150,000,000.00

**Justification:**

- The decrease in physical target 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 constituting 35.99% (P 52,090,938.83) of the total project cost.
  - ✓ The design also includes the use of 1,083 pcs. of structural steel sheet pile 12 meters in length per pile with a width of 0.40 meters, constituting 55.52% (P 80,360,867.10) of the total project cost.
- In addition,
  - ✱ Civil Works 1 (CW1) - Flood Control and Drainage Works involves 3,744.00 cubic meters of excavation, furnishing and driving of structural steel sheet pile.
  - ✱ Civil Works 2 (CW2) - Drainage and Slope Protection Works which involves the construction of structural concrete on handlaid rock embankment with a 3 meters crest width to provide access to vehicles and to protect the river from scouring and other related activities.
- The derived unit cost is based on the approved Program of Works (POW) and Detailed Unit Price Analysis (DUPA).

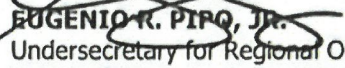
ed on our evaluation, the submitted request for modification of the said project is in order; hence, approval hereof is recommended.

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

**APPROVED/~~DISAPPROVED~~:**

  
**MANUEL M. BONOAN**  
Secretary

2.3 mksa/AVS/AGC/ERP

Department of Public Works and Highways  
Office of the Secretary



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