



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

June 19, 2023

MEMORANDUM

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

This refers to the memorandum dated 22 March 2023 of **DPWH Region XII Director BASIR M. IBRAHIM**, endorsing the request for the **modification** of the project under FY 2023 GAA, to wit;

As per GAA/Original			As Modified		
Project Description					
UACS No. 320102105632000 Project ID: P00721469MN					
OO2: Protect Lives and Properties Against Major Floods – Construction/ Rehabilitation of Flood Mitigation Facilities within Major River Basins and Principal Rivers			OO2: Protect Lives and Properties Against Major Floods – Construction/ Rehabilitation of Flood Mitigation Facilities within Major River Basins and Principal Rivers		
Construction of River Bank Protection along Ala River, Purok Bonifacio, Barangay Panay, Santo Niño, South Cotabato			Construction of River Bank Protection along Ala River, Purok Bonifacio, Barangay Panay, Santo Niño, South Cotabato		
Type of Work/ Physical Target	Unit Cost	Allocation	Type of Work/ Physical Target	Unit Cost	Estimated Cost
CW-1- Construction of Flood Mitigation Structure 392.916 Lineal meters	P 133,851.765/ Lineal meters	P 52,592,500.00	CW-1- Construction of Flood Mitigation Structure 262.500 Lineal meters	P 200,352.381/ Lineal meters	P 52,592,500.00
EAO	-	P 1,907,500.00	EAO	-	P 1,907,500.00
Total:		P 54,500,000.00	Total:		P 54,500,000.00

Justification:

- Decrease in physical target due to the usage of Steel Sheet Pile, Z-Type, Grade 50 with a total length of 3,069.00 lm (69.8266%) and Concrete Slope Protection with a volume of 913.50 (20.1768%) based on the approved DED and POW.
- As per design, to comply to the design flood height requirements, the structure used Z-type steel sheet piles which have large section modulus of 1355 cubic cm/meter and embedment length of 9 meters to withstand the water pressure needed for the river protection dike.
- The project includes earthworks such as Structure Excavation and Embankment (from Borrow) (4.48%). The project also includes Pipe Culvert, 910mm dia (0.1659%).
- The derived unit cost is based on approved DUPA and POW.

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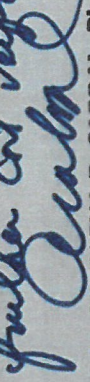
- Please see attached copy of a similar project evaluated by the Bureau of Construction (BOC) dated June 8, 2023. Project No. 3 (P00721304MN).

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

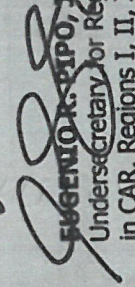

ADOR G. CANLAS

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

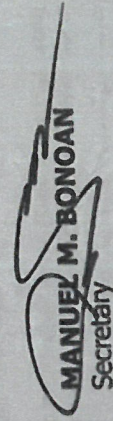
Further on request
RECOMMENDING APPROVAL:


MARIA CATALINA E. CABRAL, Ph.D., CESO I

Undersecretary for Planning
and Public-Private Partnership Services


EUGENIO R. PIÑO, JR.
Undersecretary for Regional Operations
in CAR, Regions I, II, IX, X, XI, XII, and XIII

APPROVED/DISAPPROVED:


MANUEL M. BONOAN
Secretary

2.3 LDAM/OAL/AVS/AGC/ERP

Department of Public Works and Highways
Office of the Secretary



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