



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. 320102105636000 Project ID: P00721473MN			OO2: Protect Lives and Properties Against Major Floods – Flood Management Program – Construction/ Rehabilitation of Flood Mitigation Facilities within Major River Basins and Principal Rivers		
Construction of Flood Control Structure, Ala River Road Dike, Package B - Phase 3, Lambayong, Sultan Kudarat			Construction of Flood Control Structure, Ala River Road Dike, Package B - Phase 3, Lambayong, Sultan Kudarat		
Type of Work/ Physical Target	Unit Cost	Allocation	Type of Work/ Physical Target	Unit Cost	Estimated Cost
CW-1- Construction of Flood Mitigation Structure: 865.136 Lineal meters	P 133,851.79 / Lineal meter	P 115,800,000.00	CW-1- Construction of Flood Mitigation Structure: 600.00 Lineal meters	P 193,000.00 / Lineal meter	P 115,800,000.00
EAO	-	P 4,200,000.00	EAO	-	P 4,200,000.00
Total:		P 120,000,000.00	Total:		P 120,000,000.00

Justification:

- Decrease in physical target/ increase in the unit cost due to the usage of Furnished and Driven Steel Pile, Z-type, Grade 50 with a length of 6 meters (total length of 7,020.00 lm) based on the approved DED and POW.
- The use of sheet pile was incorporated in the design to minimize the effect of bending stresses in the piles.
- As per design, to comply to the design flood height requirements, the structure used Z-type steel sheet piles which has a large section modulus of 1355 cubic cm/meter with an embedment length of 6 meters to withstand the water pressure needed for the river protection dike.

27100084 - SR2023 - 01 - 002623 dated 1-30-2023

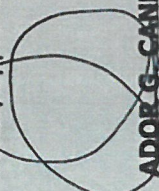
UACS No. 320102105636000
Project ID: P00721473MN

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The project also includes earthworks such as Structure Excavation and Embankment (from Borrow) (12.25%).

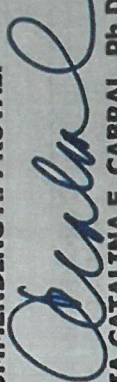
- The derived unit cost is based on the approved DUPA and POW.
- Please see attached copy of a similar project evaluated by the Bureau of Construction (BOC) dated June 8, 2023. Project No. 3 (P00721304MN).

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

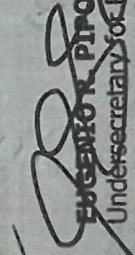

ADOR G. CANLAS

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

RECOMMENDING APPROVAL:

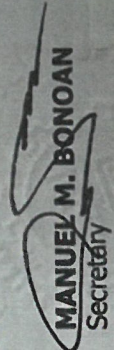

MARIA CATALINA E. CABRAL, Ph.D., CESO I

Undersecretary for Planning
and Public-Private Partnership Services


EUGENIO R. PIPO, JR.

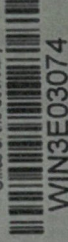
Undersecretary for Regional Operations
in CAR, Regions I, II, IX, X, XI, XII, and XIII

APPROVED / DISAPPROVED:


MANUEL M. BONOAN
Secretary

2.3 LDAM/OAL/AVS/AGC/ERP

Department of Public Works and Highways
Office of the Secretary



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