



DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
OFFICE OF THE SECRETARY

Manila

July 31, 2023

MEMORANDUM

FOR : MANUEL M. BONOAN
Secretary
This Department

This refers to the memorandum dated 21 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			Project Description		As Modified	
UACS No. 320102105616000 Project ID: P00721453MN						
002: Flood Management Program- Construction/ Rehabilitation of Flood Mitigation Facilities within Major River Basins and Principal Rivers						
Construction of Flood Control Dike along Kabacan River L/S, Sta. 51 + 575 - Sta. 51 + 938.64, Barangay Doles, Magpet, North 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: 363.640 Lineal meters	P 212,297.88 / Lineal Meter	P 77,200,000.00	CW-1- Construction of Flood Mitigation Structure: 159.000 Lineal Meters	P 483,771.79 / Lineal meter	P 76,919,715.36	
EAO	-	P 2,800,000.00	EAO		P 2,789,834.23	
Total:		P 80,000,000.00	Netw for C.O EXCESS		P 290,450.41	
Total:		P 80,000,000.00	Total:		P 80,000,000.00	

Justification:

- Change in the station limits from "Sta. 51 + 575 - Sta. 51 + 938.64" to "Sta. 0+000 - Sta. 0 + 159", in consideration of Barangay Doles as the starting reference point since the previous station limits indicate different barangay.
- Decrease in physical target due to the usage of Steel Sheet Pile, Z-Type, Grade 50 with a depth of 6m and a total length of 1,242.00 lm, Rubble Concrete with a volume of 489.40 cu.m., and Concrete Slope Protection with a volume of 816.94 cu.m. based on the approved DED and POW.
- As per design, to accommodate the design flood height requirements, the structure will use z-type steel sheet pile which have a larger section modulus (1355 cubic centimeter per meter) compared to conventional U-type steel sheet pile to withstand the water pressure needed for the river protection dike.

Manuel M. Bonoan
Secretary

23m00018 - SR2023-01-000979

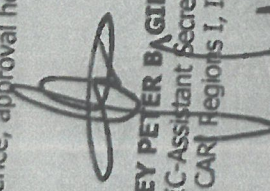
dated 1-30-2023

UACS No. 320102105616000
Project ID: P00721453MN

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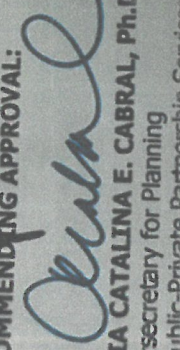
- The project includes earthworks such as Structure Excavation and Embankment (from Borrow) (3.55%). The project also includes Hand-Laid Rock Embankment with a volume of 874.50 cubic meter.
- The derived unit cost is based on approved DUPA and POW.
- Please see attached evaluation of the Bureau of Construction (BOC) dated July 21, 2023.

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

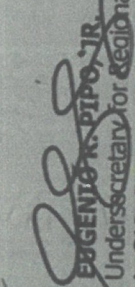

REY PETER BAGILLE, D.M.

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

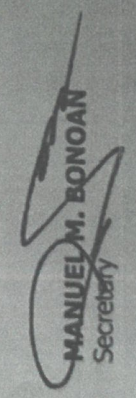
RECOMMENDING APPROVAL:


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

Undersecretary for Planning
and Public-Private Partnership Services

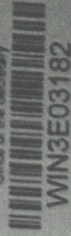

EUGENIO R. PIPO, JR.
Undersecretary for Regional Operations
in CAR, Regions I, II, IX, X, XI, XII, and XIII

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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23m00018 - SP2023-01-000979 dated 1-30-2023