



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 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			As Modified		
Project Description					
UACS No. 320102105615000 - Project ID: P00721649MN			OO2: Protect Lives and Properties Against Major Floods - Construction/ Rehabilitation of Flood Mitigation Facilities within Major River Basins and Principal Rivers		
Construction of Pulangi River Flood Control Project Phase III (Barangay Nabundas Section), Pitit, North Cotabato			Construction of Pulangi River Flood Control Project Phase II (Barangay Nabundas Section), Pitit, 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: 793.041 Linear meters	P 133,851.84/ Linear meters	P 106,150,000.00	CW-1- Construction of Flood Mitigation Structure: 268.00 Linear meters	P 396,082.09 / Linear meters	P 106,150,000.00
EAO	-	P 3,850,000.00	EAO	-	P 3,850,000.00
Total:		P 110,000,000.00	Total:		P 110,000,000.00
Justification:					
- Correction In Project Name from "Phase III" to "Phase II". Phase II of the project is prioritized to continue Phase I and avoid gap that may result from scouring of the river bank. Also, "Phase II" is in the project name funded in National Expenditure Program (NEP). This project will be continued by the project P00721476MN under the same funding year. - Decrease in physical target due to the usage of Steel Sheet Pile, Z-Type, Grade 50 with a total length of 5,584.00 lm (61.4475%), Concrete Slope Protection with a volume of 1,130.21 cu.m. (15.0766%), Steel H-Piles, furnished (305mmx305mm) and driven with a total length of 1,114.00 m (14.368%) based on the approved Detailed Engineering Design and Program of Works.					

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SR2023-03-006477 dated 3-3-2023

- The Flood Control Structure is proposed to protect the riverbanks within marsh land; thus, the structure is designed using z-type sheet pile with higher section modulus (1355 cubic cm/m) and deeper embedment length (16 meter embedment) including steel H-piles (305mmx305mmx18 meters) spaced every 5 pieces of z-type sheet piles to reinforce the foundation of the 3m high reinforced concrete slope protection.
- The project includes earthworks such as Structure Excavation and Embankment (from Borrow) (4.31%). The project also includes Structural Concrete, Class "A" / with a volume of 144.05 cu.m. (1.1204%).
- The derived unit cost is based on approved Detailed Unit Price Analysis and Program of Works.
- Please see attached copy of a similar project evaluated by the Bureau of Construction (BOC) dated June 8, 2023. Project No. 1 (P00721451MN).

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

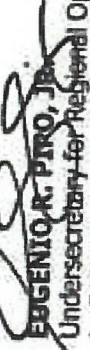
RECOMMENDING APPROVAL:

Subject is further to be verified


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

Undersecretary for Planning
and Public-Private Partnership Services

Noted!


EGENIO 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 IDAM/DAL/AVS/AGC/ERP

Department of Public Works and Highways
Office of the Secretary



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