



Department 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. 320102105639000 Project ID: P00721476MN					
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 Flood Control Structure, Pulangi River, Barangay Nabundas Section - Phase II, Pikit, Cotabato			Construction of Flood Control Structure, Pulangi River, Barangay Nabundas Section - Phase II, Pikit, 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: 756.99 Lineal meters	P 133,852.49 / Lineal meters	P 101,325,000.00	CW-1- Construction of Flood Mitigation Structure: 255.50 Lineal meters	P 395,158.74/ Lineal meters	P 100,963,058.05
EAO	-	P 3,675,000.00	EAO		P 3,661,941.95
			EXCESS		P 375,000.00
Total: P 105,000,000.00			Total: P 105,000,000.00		

Justification:

- The location of the project is prone to scouring due to deeper riverbed. Hence, the decrease of physical target is due to the usage of Furnished and Driven Steel Sheet Pile, Z type, Grade 50 with average length of 16 lm, with higher section modulus (1355 cu. cm/m) combined with 16 lm. Steel H-Pile (305mmX305mmX125kg/m) at every 5pcs of Steel Sheet Pile and a total length of 5,312 lm and 1,062 lm respectively to reinforce the foundation of (3m high) reinforced concrete slope protection.
- The use of steel sheet pile with a combination of steel h-pile was incorporated in the design to minimize the effect of bending stresses in the piles.

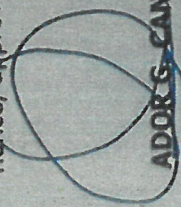
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SR2023- 01- 000540 dated 1-20-2023

The project also includes earthworks such as Structure Excavation and Embankment (from Borrow) (4.86%),

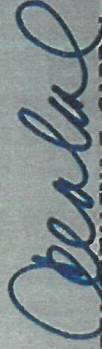
- The derived unit cost is based on approved POW and DUAPA.
- Please see attached evaluation of the Bureau of Construction (BOC) dated June 8, 2023.

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

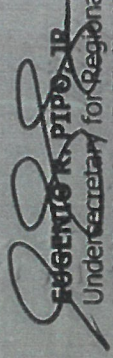

ADOR G. CANLAS

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

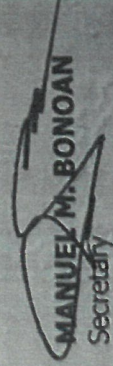
RECOMMENDING APPROVAL:



MARTA CATALINA E. CABRAL, Ph.D., CESO I
Undersecretary for Planning
and Public-Private Partnership Services


EUGENIO K. 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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SR2023-01-000540 Status - 1-30-2023