

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 15 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. 320101109446000 Project ID: P00721305MN			ORGANIZATIONAL OUTCOME 2: Protect Lives and Properties Against Major Floods - Construction/ Maintenance of Flood Mitigation Structures and Drainage Systems		
ORGANIZATIONAL OUTCOME 2: Protect Lives and Properties Against Major Floods - Construction/ Maintenance of Flood Mitigation Structures and Drainage Systems			ORGANIZATIONAL OUTCOME 2: Protect Lives and Properties Against Major Floods - Construction/ Maintenance of Flood Mitigation Structures and Drainage Systems		
Construction of Tamadang River Control, Package B, Kiamba Sarangani			Construction of Tamadang River Control, Package B, Kiamba, Sarangani		
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	₱ 133,851.787 / Lineal meters	₱ 115,800,000.00	CW-1- Construction of Flood Mitigation Structure: 548 lineal meters	₱ 211,313.869 / Lineal meters	₱ 115,800,000.00
EAO	-	₱ 4,200,000.00	EAO	-	₱ 4,200,000.00
Total:		₱ 120,000,000.00	Total:		₱ 120,000,000.00

Justification:

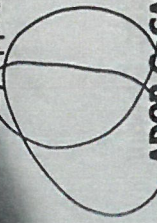
- Decrease in physical target/ increase in the unit cost due to the usage of Steel Pile, Z-type, Grade 50 with a length of 9 meters/ total length of 6,408.00 l.m. (65.2260%) and Concrete Slope Protection with a volume of 2,257.76 cu.m.(23.1203%) based on the approved DED and POW.
- As per design, to comply to the design flood height requirements, the structure used Z-type steel sheet piles which have a 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 also includes earthworks such as Structure Excavation and Embankment (from Borrow) (7.33%).
- The derived unit cost is based on 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).

2 amon 49 -SR2023 - 01 - 002285 dated 1-30-2023

UACS No. 320101109446000
Project ID: P00721305MN

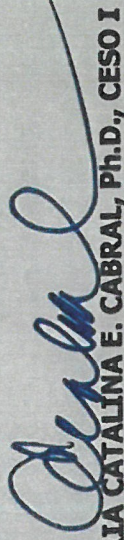
Page 2 of 2

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

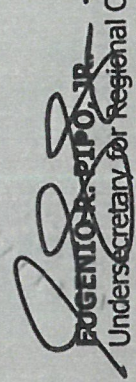

ADOR G. CANLAS

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

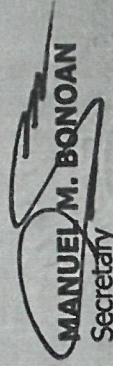
RECOMMENDING APPROVAL:


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



WIN3E03068

2mm0049