



Republic of the Philippines  
DEPARTMENT OF PUBLIC WORKS  
**OFFICE OF THE SECRETARY**  
Manila

Reference Number: **CAR-103**  
Project ID: **P00823324LZ**

July 18, 2024

**MEMORANDUM**

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

This refers to the memorandum dated June 25, 2024, of **DPWH CAR Regional Director KHADAFFY D. TANGGOL**, endorsing the request of **District Engineer RUBY A. UYAM, Lower Kalinga District Engineering Office**, for the **modification** of the project under FY 2024 GAA, to wit;

As per GAA/Original			As Modified		
Project Description					
<b>UACS No. 320101110506000,</b> <b>Project ID: P00823324LZ ,</b>  OO2 Protect Lives and Properties Against Major Floods - Construction/ Maintenance of Flood Mitigation Structures and Drainage Systems -  Construction of Cudal River Flood Control Mitigation Structure along Magabangon Bridge, Sta.0+000 -Sta.0+500 (R/S Upstream) Sta.00+000-Sta.00+500(R/S), Kalinga .			OO2 Protect Lives and Properties Against Major Floods- Construction/ Maintenance of Flood Mitigation Structures and Drainage Systems -  Construction of Cudal River Flood Control Mitigation Structure along Magabangon Bridge, <b>Sta. 1+865 - Sta. 2+228.33 (R/S Upstream), Sta. 0+915 - Sta. 1+833.87 (R/S ), Sta. 1+862 - Sta. 2+259.56 (L/S ), Sta. 0+915 - Sta. 1+105 (L/S), Sta. 1+075 - Sta. 1+820 (L/S), Kalinga .</b>		
Type of Work/ Physical Target	Unit Cost	Allocation	Type of Work/ Physical Target	Unit Cost	Estimated Cost
CW1- Construction of Flood Mitigation Structure/ 820.497 Lineal Meters	₱ 117,611.64 / Lineal Meter	₱ 96,500,000.00	CW1- Construction of Flood Mitigation Structure / 2518.39 Lineal Meters	₱ 38,318.13 / Lineal Meter	₱ 96,500,000.00
EAO	-	₱ 3,500,000.00	EAO	-	₱ 3,500,000.00
		₱ 100,000,000.00	Total:		₱ 100,000,000.00

**Justification:**

The project is to be modified in view of the following:

- The correct physical target for the given station limits base on GAA (Sta. 0+000 – Sta. 0+500 (R/S Upstream) and Sta. 0+000 – Sta. 0+500 (R/S) is 1,000.00 Lineal Meter.
- From the corrected physical target of 1,000.00 Lineal Meters is modified to 2,518.39 Lineal Meters based on the validated and Approved Program of Works (POW) with Detailed Unit Price Analysis (DUPA).
- CW1 is composed of a Grouted Riprap with armor (Bottom base width = 1.20 m, Top width = 0.60 m, Height = 4.50 m and Armor thickness = 0.10 m) and Crib wall (Height = 10.00 m and Length = 48.33 m).
- The increase in the physical target was made to maximize the utilization of allotted funds and to completely address the flood control mitigation structure along the said section. Additionally, the project will protect the rice fields from scouring caused by the large amount of water from the river that leads to flood.
- Station limits were modified to follow the proper stationing on the existing creek which is reckoned from the mouth of the river.

Attached are the following supporting documents: Approved Program of Works (POW) with Detailed Unit Price Analysis (DUPA), Detailed Engineering Design (DED), Certificate of Availability of Funds (CAF), BP 202, Geotagged photos, GIS Map and Certification of No overlapping (Certified by the District Engineer, Planning & Design, Construction and Maintenance Division Chief).

AL-10-202407-02844

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



**REY PETER B. GILLE, D.M.**

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

**APPROVED/DISAPPROVED:**



**EUGENIO R. PIPO, JR.**

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