



DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS  
**OFFICE OF THE SECRETARY**  
Bonifacio Drive, Port Area Manila



June 3, 2024

**MEMORANDUM**

**FOR :** **MANUEL M. BONOAN**  
Secretary  
This Department

This refers to the memorandum dated April 23, 2024 of **DPWH Region XIII Director POL M. DELOS SANTOS, CESO IV**, endorsing the request of **District Engineer WEALTHO M. MERILLANA**, Agusan del Sur 1<sup>st</sup> District Engineering Office, for the **modification** of the project under FY 2024 GAA, to wit;

del Sur 1<sup>st</sup> District Engineering Office, for the modification of the project and

As per GAA/Original			As Modified		
Project Description					
<b>UACS No. 320102107025000</b> <b>Project ID: P00820426MN</b>  ORGANIZATIONAL OUTCOME 2 : Protect Lives and Properties Against Major Floods – Construction/ Rehabilitation of Flood Mitigation Facilities within Major River Basins and Principal Rivers  Construction of Bank Protection along Agusan River (Poblacion-Sibagat Section) Sibagat, Agusan del Sur			ORGANIZATIONAL OUTCOME 2 : Protect Lives and Properties Against Major Floods – Construction/ Rehabilitation of Flood Mitigation Facilities within Major River Basins and Principal Rivers  Construction of Bank Protection along Agusan River (Poblacion-Sibagat Section) Sibagat, Agusan del Sur		
Type of Work/ Physical Target	Unit Cost	Allocation	Type of Work/ Physical Target	Unit Cost	Estimated Cost
CW1- Construction of Flood Mitigation Structure: 242.547 Lineal meter	₱ 141,100.735/ Lineal meter	₱ 34,223,560.00	CW1- Construction of Flood Mitigation Structure: 87.01 Lineal meter	₱ 393,329.0426/ Lineal meter	₱ 34,223,560.00
EAO	-	₱ 698,440.00	EAO	-	₱ 698,440.00
Total:		₱ 34,922,000.00	Total:		₱ 34,922,000.00

Website: <https://www.dpwh.gov.ph>  
Tel. No(s): 5304-3000 / (02) 165-02



Au- Co- 202406-02111

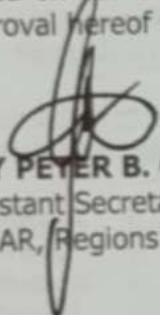
**Justification:**

Decrease in the physical target/increase in the unit cost due to following:

- A decrease in target length of 155.537 lineal meters (from the original target based on GAA is 242.547 lineal meters to 87.01 lineal meters) is attributed to Drainage and Slope Protection Structures which covers 77.06% of the total cost of the project that includes 12 meters length Z-Type (770mm x 343.50mm x 8.6mm) steel sheet pile, 8 meters length of steel H-pile (310x125) and 6 meters length reinforced concrete tie beam and deadman.
- Earthworks attributed to high embankment which covers 19.55% of the total project cost with 3 berms reinforced concrete slope protection to attain the desired maximum experienced flood level (MEFL) and inclusion of 5 meters wide access road with a thickness of 100mm at the top of the highest berm.
- Since the project is located in a flood prone area, the structure is raised approximately 2.0 meters to 3.5 meters high from the existing top bank ground, thus, high volume of Embankment is needed.
- Please see attached evaluation of the Bureau of Construction (BOC) dated May 30, 2024, Project No. 2
- The derived unit cost is based from the approved Program of Works (POW) and the Detailed Unit Price Analysis (DUPA).

Attached are the following supporting documents: Approved Program of Works (POW), Detailed Engineering Design (DED), Certificate of Availability of Funds (CAF), BP202, Geotagged photos, and Location Map

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

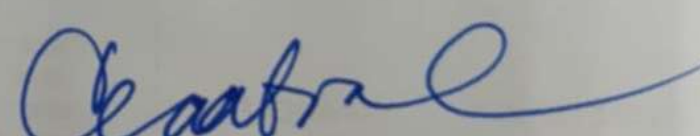
  
**REY PETER B. GILLE, D.M.**

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

**RECOMMENDING APPROVAL:**

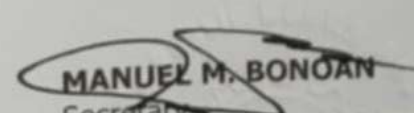
  
**EUGENIO R. PIPO, JR.**

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

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

Undersecretary for Planning and  
Public-Private Partnership Services

**APPROVED/DISAPPROVED:**

  
**MANUEL M. BONOAN**  
Secretary

2.3 LDAM/OAL/AVS/RPBG/ERP

Department of Public Works and Highways  
Office of the Secretary



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