



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



May 30, 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 under 17-2024

As per GAA/Original			As Modified		
Project Description					
<b>UACS No. 320101112264000</b> <b>Project ID: P00820210MN</b>  ORGANIZATIONAL OUTCOME 2 : Protect Lives and Properties Against Major Floods - Construction/Maintenance of Flood Mitigation Structures and Drainage Systems  Construction of Andanan RIS Flood Control Structure, Bayugan City, Agusan del Sur			ORGANIZATIONAL OUTCOME 2 : Protect Lives and Properties Against Major Floods - Construction/Maintenance of Flood Mitigation Structures and Drainage Systems  Construction of Andanan RIS Flood Control Structure, Bayugan City, 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: 208.362 Lineal meter	₱ 141,100.58/ Lineal meter	₱ 29,400,000.00	CW1- Construction of Flood Mitigation Structure: 74.80 Lineal meter	₱ 393,048.13/ Lineal meter	₱ 29,400,000.00
EAO	-	₱ 600,000.00	EAO	-	₱ 600,000.00
Total:		₱ 30,000,000.00	Total:		₱ 30,000,000.00

see Bor Mem dtd May 29, 2024

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



AG-CO-202405-02019

AG-CO-202405-01720

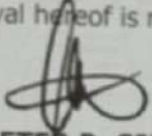
**Justification:**

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

- The decrease in target length of 1.135 lineal meters is (from the original target 208.362 lineal meters to 74.80 lineal meters) attributed to the high concrete slope protection that includes 12 meters length U-Type (400mm x 100mm x 10.50mm) steel sheet pile, 4 meters length of steel H-pile (310x125), 6 meters length reinforced concrete tie beam and deadman, which covers 78.25% of the total cost of the project.
  - The high embankment covers 9.77% of the total project cost with 2 berms reinforced concrete slope protection and reinforced parapet wall at the top of the berm to attain the desired maximum experienced flood level (MEFL) and inclusion of 5 meters wide reinforced concrete access road with a thickness of 100mm at the top of the highest berm.
  - Provision of Rubble concrete for slope protection at the opposite side of the concrete structure to strengthen and protect the slope from scouring. Thus, provision of rubble concrete for slope protection with a slant height of 5.66 meters to be utilized for the 1-Berm structure.
  - Please see attached evaluation of the Bureau of Construction (BOC) dated May 29, 2024, Project No. 1
- 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.

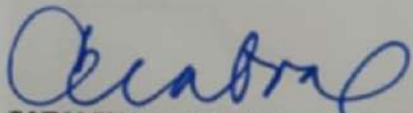
  
**REY PETER B. GILLE, D.M.**

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

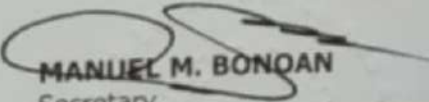
**RECOMMENDING APPROVAL:**

  
**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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