



Republic of the Philippines  
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS  
**CENTRAL OFFICE**  
Manila



May 23, 2024

**MEMORANDUM**

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

This refers to the memorandum dated 24 April 2024 of **DPWH Region XIII Regional Director POL M. DELOS SANTOS, CESO IV**, endorsing the request of **District Engineer RUEL B. BANTUGAN, Surigao del Sur 1<sup>st</sup> District Engineering Office**, for the **modification** of the project under FY 2024 GAA, to wit;

<i>As per GAA / Original</i>			<i>As Modified</i>		
<b>Project Description</b>					
<b>UACS No. 300215104142000</b> <b>Project ID: P00834950MN</b>					
CONVERGENCE SPECIAL SUPPORT PROGRAM (CSSP): Sustainable Infrastructure Projects Alleviating Gaps (SIPAG) - Access Roads and/or Bridges from the National Road/s leading to Major/ Strategic Public Buildings/ Facilities			CONVERGENCE SPECIAL SUPPORT PROGRAM (CSSP): Sustainable Infrastructure Projects Alleviating Gaps (SIPAG) - Access Roads and/or Bridges from the National Road/s leading to Major/ Strategic Public Buildings/ Facilities		
<b>Costruction</b> of Dike in <u>Barangay Cabangahan, Cantillan</u> , Surigao del Sur			<b>Construction</b> of Dike in <u>Barangay Cabangahan, Cantilan</u> , Surigao del Sur		
Type of Work / Physical Target	Unit Cost	Allocation	Type of Work / Physical Target	Unit Cost	Allocation
CW1 - Construction of FloodMitigation Structure: 520.905 Lineal meters	₱138,940.88/ Lineal meters	₱72,375,000.00	<b>CW1 - Construction of Flood Mitigation Structure: 195.20 Lineal meters</b>	<b>₱370,773.57 /Linealmeters</b>	₱72,375,000.00
EAO	-	₱ 2,625,000.00	EAO	-	₱ 2,625,000.00
<b>Total:</b>		<b>₱75,000,000.00</b>	<b>Total:</b>		<b>₱75,000,000.00</b>



**Justification:**

- Correction due to typographical error in the name of Municipality "Cantillan". It should be "Cantilan".
- Correction due to typographical error in the project name from "Costruction" to "Construction".
- The proposed project is part of the Principal River Basin though the category belongs to SIPAG. And during *Amihan*, the residence of the said location of the project experienced a massive flood that submerged the whole barangay, and caused substantial scouring and erosion along the river bank. And it really needs engineering intervention especially of **using steel sheet piles for the project.**
- Increase in unit cost / decrease in physical target from 520.905 lineal meters to 195.20 lineal meters. The unit cost increased since the project design is composed of one (1) berm reinforced concrete revetment with a total volume of 677.34 cubic meter, 12-meter steel sheet pile - U-type, 400-mm in width based on its design analysis with a total length of 6,168 meters.
- Inclusion of hauling cost for steel sheet pile from Butuan City (pickup location) to project site which is 189 Km.
- It involves earthworks activity which contributes 2.25 % of total cost for structure excavation and embankment from borrow and 1.95 % for hand-laid rock embankment.
- The unit cost has been evaluated and reviewed by the Bureau of Construction (BOC). See attached evaluation dated May 21, 2024.

Attached are the following supporting documents: Approved Program of Works (POW), Detailed Engineering Design (DED), Certificate of Availability of Funds (CAF), BP 202, Geotagged photos, GIS Map, and Certificate of Reasonableness of Unit Cost.

Based on our evaluation, the submitted request for project modification is in order, hence, it is respectfully recommended to the Secretary for his consideration and approval.

  
**REY PETER B. GILLE**

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. RIPO, JR.**

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

**APPROVED / ~~DISAPPROVED~~:**

  
**MANUEL M. BONOAN**  
Secretary

Department of Public Works and Highways  
Office of the Secretary



WIN4XW00148