



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

March 9, 2023

**MEMORANDUM**

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

This refers to the memorandum dated 7 March 2023 of **DPWH Region IX Director CAYAMOMBAO D. DIA** endorsing the request of **District Engineer VERONICO O. MICARANDAYO, Zamboanga del Norte 1<sup>st</sup> District Engineering Office**, for the approval of Modification of the hereunder project under FY 2023 General Appropriations Act (GAA), to wit;

As per GAA/Original			As Modified		
Project Description					
UACS No. 320101109330000 Project ID: P00721233MN  OO2: Protect Lives and Properties Construction/ Maintenance of Flood Mitigation Structures and Drainage Systems  Construction of Flood Control at Ilaya Bridge, Upstream Section, Dapitan City, Zamboanga del Norte Sta. 0+100 - Sta. 0+500			OO2: Protect Lives and Properties Construction/ Maintenance of Flood Mitigation Structures and Drainage Systems  Construction of Flood Control at Ilaya Bridge, Upstream Section, Dapitan City, Zamboanga del Norte Sta. 0+100 - Sta. 0+375.20		
Type of Work/ Physical Target	Unit Cost	Allocation	Type of Work/ Physical Target	Unit Cost	Estimated Cost
CW1- Construction of Flood Mitigation Structure/ 487.496 Lineal Meters	₱138,565.24/ Lane Km	₱ 67,550,000.00	CW1- Construction of Flood Mitigation Structure / 275.20 Lineal Meters	₱245,457.85/ Lane Km	₱ 67,550,000.00
EAO	—	₱ 2,450,000.00	EAO	—	₱ 2,450,000.00
Total:		₱ 70,000,000.00	Total:		₱ 70,000,000.00
Justification:					
<ul style="list-style-type: none"><li>• The physical target decreased from 487.496 lineal meters to 275.20 lineal meters due to the increase in unit cost.</li><li>• The increase in unit cost is due to the adapted design which is a double berm triple slope flood mitigation structure that is necessary to suit the actual field condition.</li><li>• The usage of Structural Steel Sheet Piles also contributed to the increase in the unit cost.</li><li>• The design also includes construction of access road within the project limit.</li><li>• Change in station limit to synchronize with the decrease in the physical target.</li><li>• The derived unit cost is based on the approved Program of Works (POW) and Detailed Unit Price Analysis (DUPA).</li></ul>					

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


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**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 mksa/OAL/AVS/AGC/ERP



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As per GAA/Original			As Modified		
Project Description					
UACS No. 320101109330000 Project ID: P00721233MN  Q02: Protect Lives and Properties Construction/ Maintenance of Flood Mitigation Structures and Drainage Systems  Construction of Flood Control at Ilaya Bridge, Upstream Section, Dapitan City, Zamboanga del Norte Sta. 0+100 - Sta. 0+500			Q02: Protect Lives and Properties Construction/ Maintenance of Flood Mitigation Structures and Drainage Systems  Construction of Flood Control at Ilaya Bridge, Upstream Section, Dapitan City, Zamboanga del Norte Sta. 0+100 - Sta. 0+375.20		
Type of Work/ Physical Target	Unit Cost	Allocation	Type of Work/ Physical Target	Unit Cost	Estimated Cost
CW1- Construction of Flood Mitigation Structure/ 487.496 Lineal Meters	₱138,565.24/ Lane Km	₱67,550,000.00	CW1- Construction of Flood Mitigation Structure / 275.20 Lineal Meters	₱245,457.85/ Lane Km	₱67,550,000.00
EAO	-	₱2,450,000.00	EAO	-	₱2,450,000.00
Total:		₱70,000,000.00	Total:		₱70,000,000.00
Justification: <i>Note: Unit cost on the high side.</i> <ul style="list-style-type: none"><li>The physical target decreased from 487.496 lineal meters to 275.20 lineal meters due to the increase in unit cost.</li><li>The increase in unit cost is due to the adapted design which is a double berm triple slope flood mitigation structure that is necessary to suit the actual field condition.</li><li>The usage of Structural Steel Sheet Piles also contributed to the increase in the unit cost.</li><li>The design also includes construction of access road within the project limit.</li><li>Change in station limit to synchronize with the decrease in the physical target.</li><li>The derived unit cost is based on the approved Program of Works (POW) and Detailed Unit Price Analysis (DUPA).</li></ul>					

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

*A*

*[Signature]*


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**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. PIRO, 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



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2.3 mksa/OAL/AVS/AGC/ERP