



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

May 15, 2023

MEMORANDUM

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

This refers to the memorandum dated 5 May 2023 of **DPWH Region IX Director CAYAMOMBAO D. DIA, CESO III**, requesting for the **modification** of the project under FY 2023 GAA, to wit;

As per GAA/Original		As Modified		
Project Description				
UACS No. 320101109336000 Project ID: P00721530MN		OO2: Protect Lives and Properties – Construction/ Maintenance of Flood Mitigation Structures and Drainage Systems		
Construction of Tumaga River Flood Control (Tugbungan Section), Zamboanga City		Construction of Tumaga River Flood Control (Tugbungan Section), Zamboanga City		
Type of Work/ Physical Target	Unit Cost	Allocation	Type of Work/ Physical Target	Unit Cost
CW1- Construction of Flood Mitigation Structure / 1,044.635 ln. m.	₱ 138,565.14 /ln. m.	₱ 144,750,000.00	CW1- Construction of Flood Mitigation Structure / 301.0 ln. m.	₱ 480,897.01 /ln. m.
EAO	–	₱ 5,250,000.00	EAO	–
Total:		₱ 150,000,000.00	Total:	
			₱ 150,000,000.00	

Justification:

- The decrease in physical target/increase in unit cost is due to;
 - ✓ The huge volume of Item 508(1) Handlaid Rock Embankment and Item 405(1)a3 Structural Concrete resulted to the increase in the unit cost of Drainage and Slope Protection works. It will protect the river and the bridge from scouring. It constitutes 23.42% (₱ 33,901,739.19) of the total project cost.
 - ✓ The design includes the furnishing and driving of structural steel sheet pile 24 meters in length per pile and width of 0.40 meters. It constitutes 71.71% (₱ 103,802,237.24) of the total project cost.
 - ✓ The revetment design has a 7.15-meter height from the top of pile cap, 1.0-meter width (single berm) and top crest of 4.0 meters to provide access for vehicles during emergencies. The revetment wall has a thickness of 300mm concrete, reinforced with 12mm dia. horizontal and vertical bars spaced at 300mm (See Plans for reference).
- The derived unit cost is based on the approved Program of Works (POW) and Detailed Unit Price Analysis (DUPA).



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As per GAA/Original		As Modified			
Project Description					
UACS No. 320101109336000 Project ID: P00721530MN		OO2: Protect Lives and Properties – Construction/ Maintenance of Flood Mitigation Structures and Drainage Systems Construction of Tumaga River Flood Control (Tugbungan Section), Zamboanga City			
Type of Work/ Physical Target	Unit Cost	Allocation	Type of Work/ Physical Target	Unit Cost	Estimated Cost
CW1- Construction of Flood Mitigation Structure / 1,044.635 ln. m.	₱ 138,565.14 /ln. m.	₱ 144,750,000.00	CW1- Construction of Flood Mitigation Structure / 301.0 ln. m.	₱ 480,897.01 /ln. m.	₱ 144,750,000.00
EAO	-	₱ 5,250,000.00	EAO	-	₱ 5,250,000.00
Total: ₱ 150,000,000.00		Total: ₱ 150,000,000.00			
Justification:					
• The decrease in physical target/increase in unit cost is due to; ✓ The huge volume of Item 508(1) Handlaid Rock Embankment and Item 405(1)a3 Structural Concrete resulted to the increase in the unit cost of Drainage and Slope Protection works. It will protect the river and the bridge from scouring. It constitutes 23.42% (₱ 33,901,739.19) of the total project cost. ✓ The design includes the furnishing and driving of structural steel sheet pile 24 meters in length per pile and width of 0.40 meters. It constitutes 71.71% (₱ 103,802,237.24) of the total project cost. ✓ The revetment design has a 7.15-meter height from the top of pile cap, 1.0-meter width (single berm) and top crest of 4.0 meters to provide access for vehicles during emergencies. The revetment wall has a thickness of 300mm concrete, reinforced with 12mm dia. horizontal and vertical bars spaced at 300mm (See Plans for reference). • The derived unit cost is based on the approved Program of Works (POW) and Detailed Unit Price Analysis (DUPA).					

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

ADOR G. CANLAS

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

RECOMMENDING APPROVAL:

subject to further cost verification.

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

Undersecretary for Planning
and Public-Private Partnership Services

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

APPROVED / ~~DISAPPROVED~~:

MANUEL M. BONOAN

Secretary

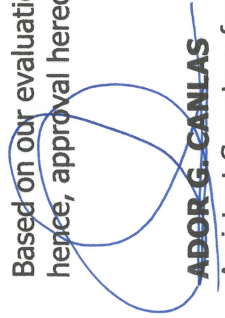
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Department of Public Works and Highways
Office of the Secretary



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


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 P. PIPO, JR.

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

APPROVED / ~~DIS~~APPROVED:


MANUEL M. BONOAN
Secretary

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