



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. 320101109338000 Project ID: P00721532MN		002: Protect Lives and Properties – Construction/ Maintenance of Flood Mitigation Structures and Drainage Systems			
Construction of Tumaga River Flood Control (Guiwan - Tugbungan Section) with Esplanade, Package 2, Zamboanga City		Construction of Tumaga River Flood Control (Guiwan - Tugbungan Section) with Esplanade, Package 2, 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 / 236.0 ln. m.	₱ 520,813.83 /ln. m.	₱ 122,912,063.87
EAO	-	₱ 5,250,000.00	CW2- Construction of Concrete Road/ 0.472 lane km	₱ 46,266,813.83 /lane km ₱92 M	₱ 21,837,936.13
			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)b3 Structural Concrete, Class "A" resulted to the increase in the cost of Drainage and Slope Protection works to protect the river and the bridge from scouring, which constitutes 16.68% (₱ 24,146,887.84) of the total project cost.
 - ✓ The design includes the furnishing and driving of structural steel sheet pile 24 meters in length per pile (width of 0.40 meters) constitutes 71.06% (₱ 102,860,360.00) of the total project cost.
 - ✓ Inclusion of CW2- Construction of Concrete Road for the Esplanade. The project includes construction of a 236 meters esplanade which includes 6.10-meters width Carriage way and 230mm thick PCCP, 1.50-meters Sidewalk, 2.0-meters Parking Lane, 500mm Curb and Gutter, and Grouted Riprap with a design thickness of 300mm.
 - ✓ The project also includes an 8.0-meters width of Promenading Area, with 200mm thick PCCP and a top crest width of 2.0-meter and a design slope of 1:1 to avoid encroachment to the nearby residential area and avoid ROW Acquisition (See Plans for reference).
- The derived unit cost is based on the approved Program of Works (POW) and Detailed Unit Price Analysis (DUPA).

(Signature)

(Signature)



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As per GAA/Original			As Modified		
Project Description					
UACS No. 320101109338000 Project ID: P00721532MN			OO2: Protect Lives and Properties – Construction/ Maintenance of Flood Mitigation Structures and Drainage Systems		
OO2: Protect Lives and Properties – Construction/ Maintenance of Flood Mitigation Structures and Drainage Systems			OO2: Protect Lives and Properties – Construction/ Maintenance of Flood Mitigation Structures and Drainage Systems		
Construction of Tumaga River Flood Control (Guiwan - Tugbungan Section) with Esplanade, Package 2, Zamboanga City			Construction of Tumaga River Flood Control (Guiwan - Tugbungan Section) with Esplanade, Package 2, 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 / 236.0 ln. m.	₱ 520,813.83 /ln. m.	₱ 122,912,063.87
			CW2- Construction of Concrete Road/ 0.472 lane km	₱ 46,266,813.83 /lane km	₱ 21,837,936.13
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)b3 Structural Concrete, Class "A" resulted to the increase in the cost of Drainage and Slope Protection works to protect the river and the bridge from scouring, which constitutes 16.68% (₱ 24,146,887.84) of the total project cost. ✓ The design includes the furnishing and driving of structural steel sheet pile 24 meters in length per pile (width of 0.40 meters) constitutes 71.06% (₱ 102,860,360.00) of the total project cost. ✓ Inclusion of CW2- Construction of Concrete Road for the Esplanade. The project includes construction of a 236 meters esplanade which includes 6.10-meters width Carriage way and 230mm thick PCCP, 1.50-meters Sidewalk, 2.0-meters Parking Lane, 500mm Curb and Gutter, and Grouted Riprap with a design thickness of 300mm. ✓ The project also includes an 8.0-meters width of Promenading Area, with 200mm thick PCCP and a top crest width of 2.0-meter and a design slope of 1:1 to avoid encroachment to the nearby residential area and avoid ROW Acquisition (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
Review at
Supersite*


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

Undersecretary for Planning
and Public-Private Partnership Services

Noted!



EUGENIO R. PIHO, 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

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 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