



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

May 31, 2023

MEMORANDUM

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

This refers to the memorandum dated 26 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. 310204102386000 Project ID: P00705531MN					
OO1: Ensure Safe and Reliable National Road System – Network Development - Construction of By-Pass and Diversion Roads			OO1: Ensure Safe and Reliable National Road System – Network Development - Construction of By-Pass and Diversion Roads		
NRJ Balucot-Lower Usugan-Tungawan Road, Zamboanga del Sur			NRJ Balucot-Lower Usugan-Tungawan Road, Zamboanga del Sur		
Type of Work/ Physical Target	Unit Cost	Allocation	Type of Work/ Physical Target	Unit Cost	Estimated Cost
CW1- Construction of Concrete Bridge / 954.0 Square Meters	₱ 102,725.36 /Square Meters	₱ 98,000,000.00	CW1- Construction of Concrete Bridge / 294.786 Square Meters	₱ 326,168.81 /Square Meters	₱ 96,150,000.00
ROW Acquisition/ 2,000.00 Square Meters	₱ 4,900.00 /Square Meters	₱ 9,800,000.00	ROW Acquisition / 2,040.816 Square Meters	₱ 4,900.00 /Square Meters	₱ 10,000,000.00
EAO	–	₱ 2,200,000.00	EAO	–	₱ 3,850,000.00
Total:		₱ 110,000,000.00	Total:		₱ 110,000,000.00

Justification:

- Based on the result of actual survey and Detailed Engineering Design, the construction of the bridge project along NRJ Balucot-Lower Usugan-Tungawan Bypass Road has a length of 30.90 meters, with design width of 9.54 meters, thus, the physical target of 294.786 square meters.
- The increase in the unit cost for CW1 – “Construction of Concrete Bridge” is due to;
 - ✓ The bridge is a prestressed concrete girder bridge with 1,500 mm diameter bored pile foundation.
 - ✓ The design includes the use of structural steel sheet pile with a length of 6.0-meters for cofferdam and 12.0-meters for scour protection which contributed to the increase in cost per square meter of the bridge project.
 - ✓ The scope of works includes the construction of 132.78-meters bridge Approach with design width of 6.7-meters (0.28m thick) PCCP, 1.5-meter width shoulder (0.23m thick) on both sides, and slope protection structure with Structural concrete on hand-laid rock embankment to protect the road embankment from scouring/erosion.
 - ✓ It includes 10,267 cu.m of Item 508(1); Handlaid Rock Embankment, and Item 405(1)a3 Structural Concrete with design thickness of 200mm to protect the river from scouring. It resulted to the increase in the cost per square meter of the bridge project.
- 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:


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

2.3 aap/OAL/AVS/AGC/ERP

Department of Public Works and Highways
Office of the Secretary


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