



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

June 30, 2020

MEMORANDUM

FOR : **MARK A. VILLAR**
Secretary
This Department

This refers to the memorandum dated 02 June 2020 of **DPWH Region XI Director ALLAN S. BORRAMEO** requesting for the approval of the Modification of the hereunder project covered by CY 2020 General Appropriation Act (GAA), to wit;

As per GAA/Original			As Modified		
Project Description					
UACS No. 310204100884000 Project ID : P00401548MN					
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		
Matina Crossing Road (Jct. Davao - Cotabato Road - Jct. Davao City Diversion Road), Davao City			Matina Crossing Road (Jct. Davao - Cotabato Road - Jct. Davao City Diversion Road), Davao City		
Type of Work/ Physical Target	Unit Cost	Allocation	Type of Work/ Physical Target	Unit Cost	Estimated Cost
CW1 – Reconstruction to Concrete Pavement 0.836 lane km	₱ 14,353,797.85/ lane km	₱ 11,999,775.00	CW1 – Reconstruction to Concrete Pavement 0.948 lane km	₱ 13,669,155.76/ lane km <i>₱ 27.3 M/km</i>	₱12,958,359.66
CW2 – Road Widening 0.678 lane km	₱ 35,397,566.37 / lane km	₱ 23,999,550.00	CW2 – Road Widening 0.678 lane km	₱ 33,960,570.53/ lane km <i>₱ 67.9 M/km</i>	₱23,025,266.82
CW3 – Off-Carriageway Improvement: Flaring of Intersections / Improvement of Intersections 1 intersection	₱ 17,199,195.00/ intersection	₱ 17,199,195.00	CW3 – Off-Carriageway Improvement: Flaring of Intersections / Improvement of Intersections 1 intersection	₱17,215,858.52/ Intersection	₱17,215,858.52
ROW Acquisition 7,500.000 sq.m.	₱ 7,350.67 / sq.m.	₱ 55,130,000.00	ROW Acquisition 7,500.000 sq.m.	₱ 7,350.67 / sq.m.	₱ 55,129,000.00
EAO	-	₱ 1,929,480.00	EAO	-	₱ 1,929,515.00
Total		₱110,258,000.00	Total		₱110,258,000.00

Justification:

- ✓ Increase in physical target for CW1 (Reconstruction to Concrete Pavement) from 0.836 lane km to 0.948 lane km and with decrease in unit cost since portion of the road requires minimal correction on the vertical alignment (portions are on grade while some have embankment of 0.5 m instead of the anticipated height of 1m as per design since area is flood prone) resulting to lesser earthworks and consequently, low unit cost. Hence, project limit was extended to cover adjacent section which also needs reconstruction;
- ✓ No change in physical target for CW2 (Road Widening) but with decrease in unit cost since as per design, there are portions of the road section which requires lesser embankment works (1 m instead of the average of 2 m for most portions of the road section). In addition, the design for retaining wall for the embankment works for the road widening has lesser height (2.75 m) instead of the anticipated 3 m Hence, with low unit cost;

- With minimal increase in component cost for CW3 (Off-carriageway Improvement: Flaring of Intersections/Improvement of Intersections) since the insertion/auxiliary lanes for the intersection have variable widths from 3.35 m to 3.60 m as per design based on actual site condition instead of 3.35 m only;
- With very minimal adjustments on ROW and EA0 costs since there is a little adjustment on the total civil works cost (amount rounded up only from ₱ 53.199484 M to ₱ 53.199485 M), hence, with adjustment on ROW cost (from ₱ 55.130 M to ₱ 55.129 M) and correspondingly, with adjustment in EA0 cost (from ₱ 1.929480 M to ₱ 1.929515 M).

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

DIMAS S. SOGUILON, CESO I

Undersecretary for Regional Operations in Mindanao

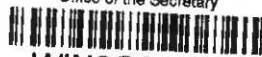
APPROVED/DISAPPROVED:

MARK A. VILLAR

Secretary

2.3 aap/AVS/DSS

Department of Public Works and Highways
Office of the Secretary



WINOG03136

*RD Certificate on unit cost of
₱67.9 M/hr. for CW-2 w/c
is high as BOC. referenced
unit cost.*