



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

March 22, 2022

MEMORANDUM

FOR : ROGER G. MERCADO
Acting Secretary
This Department

This refers to the Memorandum dated 18 March 2022 of **DPWH Region XI, Regional Director REY PETER B. GILLE, D.M.**, requesting the approval of the Modification of the hereunder project covered by FY 2022 General Appropriations Act (GAA), to wit:

As per GAA/Original			As Modified		
Project Description					
UACS No. 310203100531000 Project ID: P00602447MN					
OO1: Ensure Safe and Reliable National Road System - Network Development - Road Widening - Tertiary Roads			OO1: Ensure Safe and Reliable National Road System - Network Development - Road Widening - Tertiary Roads		
Jct Manikling-Gov Generoso Rd - K1744 + 436 - K1745 + 200, K1749 + 735 - K1753 + 000, K1753 + 000 - K1755 + 000, K1755 + 000 - K1757 + 055, K1757 + 547 - K1759 + 902			Jct Manikling-Gov Generoso Rd - K1744 + 436 - K1745 + 200, K1749 + 735 - K1757 + 037		
Type of Work/ Physical Target	Unit Cost	Allocation	Type of Work/ Physical Target	Unit Cost	Estimated Cost
CW-1 Road Widening: 20.890 lane km	P 13,858,305.41/ Lane km	P 289,500,000.00	CW-1 Road Widening: 16.118 lane km	P 14,967,737.93/ Lane km	P 241,250,000.00
			ROW Acquisition: 107,184.70 sq.m.	P 450.16/ Sq.m.	P 48,250,000.00
EAO	-	P 10,500,000.00	EAO	-	P 10,500,000.00
Total:		P 300,000,000.00	Total:		P 300,000,000.00

Justification:

Decrease in physical target from 20.890 lane km to 16.118 lane km (with modification in station limits) including higher unit cost due to the following:

- Revised end limit (from K1759 + 902 to K1757 + 037) since allocation is already insufficient to cover the entire original limits due to inclusion of ROW component;
- As per actual survey, road runs on a flat terrain with portions of mountainous terrain;
- The road design requires minimal earthworks for sections along flat terrain, but with substantial earthworks for cut (52,209 cu.m.) and fill (13,071 cu.m.) for sections along mountainous terrain (side cuts of up to 25 m) to conform with the DPWH Design Guidelines and Standards (Horizontal and Vertical Alignment and Road Width);
- Design of road also involves paving of shoulders with 0.15m thk and width of 2 m;
- The Portland Cement Concrete Pavement (PCCP) used in the design was 14-day concrete instead of the usual 28-day;
- Road widening includes construction of minor drainage and slope protection structures with RCPC of different sizes (76 ln.m of 910mm dia. and 81 ln.m of 1220mm dia.), 4519.70 cu.m of lined canal (grouted riprap class A) and 369.90 cu.m stone masonry (catch basin); and
- Inclusion of other miscellaneous structures such as installation of metal guardrails including post, warning signs, trees furnishing and transplanting, application of reflectorized thermoplastic pavement markings (white), and installation of coco-logs with vegetation/vetiver grass system, hence, increase in unit cost.

Additional ROW component due to:

- As per survey, there are also structures and land that will be affected by the project. Hence, the need for ROW payment for said affected structures/improvement/ land acquisition. The derive unit cost for the ROW Acquisition is based on the current market values in the locality.

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


EUGENIO R. PIPO, JR.

Undersecretary for Regional Operations in Mindanao

APPROVED/DISAPPROVED:


ROGER G. MERCADO

Acting Secretary

Department of Public Works and Highways
Office of the Secretary



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2.3 pcm/AVS/AGC/ERPJR.