



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

0.4 JUN 2018

MEMORANDUM

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

This refers to the Memorandum dated 7 May 2018 of **DPWH Region XI TEOFILA U. TAN, Chief, Planning and Design Division/Officer-In-Charge (OIC)** requesting for the approval of the Modification of the hereunder project for FY 2018 General Appropriation Act (GAA), to wit:

<i>As per GAA/Original</i>		<i>As Modified</i>	
Project Description			
UACS No. 310202100168000 Project ID: P00201588MN			
OO1: Ensure Safe and Reliable National Road System		OO1: Ensure Safe and Reliable National Road System	
Network Development		Network Development	
Road Widening – Secondary Roads		Road Widening – Secondary Roads	
Jct. Davao City Diversion Road (Matina Pangsi Section) - Latina Pangsi Road - Sitio Toril Jct. Catalunan Grande Road including ROW, Davao City		Jct. Davao City Diversion Road (Matina Pangsi Section) - Matina Pangsi Road - Sitio Toril Jct. Catalunan Grande Road including ROW, Davao City	
Physical Target	Unit Cost (P'000)	Allocation (P'000)	Physical Target
CW-1 Reconstruction from Paved to Concrete: 7.984 lane km	P 18,185/ lane km	P 145,189.075	CW-1 Reconstruction to Concrete Pavement: 4.152 lane km
CW-2 Construction of Copcrete Road: 0.222 lane km	P 38,174.55/ lane km	P 3,749.025	CW-2 Replacement of Bridge: 674.40 sq.m.
CW-3 Construction of Concrete Bridge: 381.60 sq.m.	P 80.92/ sq.m.	P 30,880.00	CW-3 Replacement of Bridge: 505.80 sq.m.
CW-3 Construction of Concrete Bridge: 200.34 sq.m.	P 80.92/ sq.m.	P 16,212.00	ROW: 41,030.00 sq.m.
ROW: 41,030.00 sq.m.	P 2.65/ sq.m.	P 108,755.50	EAO
EAO	-	P 11,054.40	
Total:		P 315,840.00	Total:
			P 315,840.00

Justification:

Typographical error in the project name since the correct spelling of one of the barangays where the project will be traversing is Matina instead of Latina (which is not existing).

Decrease in physical target for reconstruction to concrete pavement from 7.984 lane km to 4.152 lane km due to the following:

- To prioritize funding of the two bridges which consists of 4 lanes. One of the two bridges requires longer length (from 21 lm to 30 lm) which constitutes almost 28% of the project cost, thus, allocation for reconstruction to concrete pavement is reduced;
- The design of the road is 4 lanes instead of the original proposal of 2 lanes for 2018 (additional 2 lanes for later years) in order to connect to existing roads which are already 4- 6 lanes;
- The road will form part of the approaches of bridge which is elevated to follow the gradeline design of the bridge, hence, with massive embankment works (borrow) (up to 5 m) which will also require grouted riprap slope protection. Also, the design of road includes improvement of intersection including traffic signalization, drainage structures, construction of curb, gutter and sidewalk, installation of metal guardrails and chevron signs, provision of warning and regulatory signs and application of thermoplastic pavement markings, hence, with higher unit cost.

There is no gravel road along the alignment that will be covered by the given project allocation, hence, deleted type of work (construction of concrete road).

Change in type of work for bridges (from construction of bridge to replacement of bridge) including physical targets since there is no waterway that needs construction of new bridge, however, there are two bailey bridges along the project alignment which are prioritized for replacement due to its present condition in order to make the bridges permanent for safety and accessibility and to attain the adequate free board inasmuch as the area is prone to flooding. The needed bridges as per design are 30 lm and 40 lm,, hence, change in type of work since the bridges are already existing and correspondingly change in physical targets based on design/need (4 lanes instead of 2 lanes).

Based on our evaluation, the herein request is found in order, hence approval is hereby recommended.

RAFAEL T. YABUT

Senior Undersecretary

Undersecretary for Regional Mindanao Operations

APPROVED/DISAPPROVED:

MARK A. VILLAR

Secretary

RAFAEL T. YABUT

Senior Undersecretary

Officer-In-Charge

2.1 MSQ/ACF/RCY

Department of Public Works and Highways
Office of the Secretary



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