



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

25 APR 2018

MEMORANDUM

FOR : Secretary MARK A. VILLAR
Secretary
This Department

This refers to the Memorandum dated 04 April 2018 of **DPWH Region XI Assistant Regional Director ZENAIDA T. TAN, Director IV**, 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			Project Description		
UACS No. 310205100135000 Project ID: P00200540MN OO1: Ensure Safe and Reliable National Road System Network Development Program Construction of Missing Links/ New Roads Montevista-DNAS Road (DNAS-Laak), Package 3, incl. ROW, Compostela Valley			OO1: Ensure Safe and Reliable National Road System Network Development Program Construction of Missing Links/ New Roads Montevista-DNAS Road (DNAS-Laak), Package 3, incl. ROW, Compostela Valley		
Physical Target	Unit Cost (P'000)	Allocation (P'000)	Physical Target	Unit Cost (P'000)	Estimated Cost (P'000)
CW-1 Const. of Concrete Road: 9.600 lane km	P 19,300/ lane km	P 185,280	CW-1 Const. of Concrete <u>Gravel</u> Road: 6.74438 lane km	P 14,193.33/ lane km	P 95,725.24795
ROW: 81,632.653 sq.m.	P 0.09/ sq.m.	P 7,720	Const. of Concrete Bridge: 954 sq.m.	P 93.87/ sq.m.	P 89,554.75205
EAO	-	P 7,000	ROW: 81,632.653 sq.m.	P 0.09/ sq.m.	P 7,720
			EAO	-	P 7,000
Total:		P 200,000	Total:		P 200,000

Justification:

Original work (construction of concrete road) was replaced with construction of gravel road (including change in physical target) due to:

- As per actual survey, there is an existing river crossing along the project alignment, hence, the need to prioritize the bridge. The needed bridge as per design is 100 lm which requires almost half of the allocation for road concreting, thus, allocation and type of road was reduced and replaced; and
- The road runs on a mountainous terrain (mostly rippable) which traverses ridge and cliff sections especially that said road is a new road/missing gap. Some portions of the road are very narrow with trail sections (width of 2-4 m). Because of this, there is a need to open/downgrade the road especially along the ridge sections (about a cut ranging from 3-9 meters) and offset the horizontal alignment especially along steep cliff sections (ranging from 3 up to 11 m) to conform with the DPWH Design Guidelines and Standards (Horizontal and Vertical Alignment and Road Width). As such, the need for considerable amount for said opening/improvement/gravelling. Said major changes in the vertical and horizontal alignments require voluminous excavation. Road design requires high side cuts also on some portions of the road (ranging from 12-15 meters). With said earthworks requirement which require considerable cost, the reduced allocation for the road could not cover the concreting of the road especially that the distance from the end of project limits of the contiguous project under 2018 (package 2) to the proposed bridge is about to 2.9 km. Hence, the need to prioritize the opening/improvement of the road up to the bridge to make the road passable and at the same time safe for the travelling public.

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



RAFAEL C. YABUT

Senior Undersecretary

Undersecretary for Regional Mindanao Operations

APPROVED/DISAPPROVED:



MARK A. VILLAR

Secretary

2.1 MSQ/ACF/RCY

Department of Public Works and Highways
Office of the Secretary



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