



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

21 MAY 2018

MEMORANDUM

FOR : Secretary MARK A. VILLAR
Secretary
This Department


This refers to the Memorandum dated 27 April 2018 of **DPWH Region XI Regional Director ALLAN S. BORRAMEO, CESO IV**, requesting for the approval of the Modification of the hereunder project for FY 2018 General Appropriation Act (GAA), to wit:

As per GAA/Original			As Modified		
Project Description					
UACS No. 300116200013000 Project ID: P00257775MN					
Local Program			Local Program		
Construction / Repair /Rehabilitation / Improvement of Various Infrastructure including Local Projects			Construction / Repair /Rehabilitation / Improvement of Various Infrastructure including Local Projects		
Local Roads and Bridges – Local Roads			Local Roads and Bridges – Local Roads		
Construction of Patel-Kapatagan Road Package 3, Davao del Norte			Construction of Patel-Kapatagan Road Package 3, Davao del Norte		
Physical Target	Unit Cost (P'000)	Allocation (P'000)	Physical Target	Unit Cost (P'000)	Allocation (P'000)
CW-1 Const. of Gravel Road: 15.334 lane km	P 14,475/ lane km	P 221,959.65	CW-1 Const. of Gravel Road: 13.74836 lane km	P 28,076.08/ lane km	P 386,000
CW-2 Const. of Concrete Road: 18.890 lane km	P 8,683.98/ lane km	P 164,040.35	EAO	-	P 14,000
EAO	-	P 14,000			
Total:		P 400,000	Total:		P 400,000
Justification:					
Decrease in physical target from 15.334 lane km to 13.74836 lane km for construction of gravel road (with considerable cost) including deletion of type of work (construction of concrete road) lane km due to the following:					
<ul style="list-style-type: none">The allocation of P 221,959,650 is insufficient to cover the entire stretch because the road runs on a mountainous terrain, hence, the need to delete CW-2;The existing gradeline in the area is very steep reaching even up to 49%. Hence, the alignment of the road was shifted to the most economical alignment for this project, however, still needs huge volume of excavation since the lowest existing gradeline is about 20% on cliff sections. Massive excavation (mostly hard rock with common and soft rock) constitutes 87.37% of the project cost (attached are the cross sections and back-up computations);Opening of the road requires substantial vertical correction (mostly through cut which ranges from 2-23 m for most sections and embankment which ranges from 1-7.5 m) to conform with the DPWH Design Guidelines and Standards (Horizontal and Vertical Alignment and Road Width);The design also requires offsetting of the horizontal alignment (at the mountain side) of up to 15 m and high side cuts (average of 20 m, highest is 44 m) as the road traverses mostly cliff sections; andOpening was given priority rather than the concreting of 18.89 lane km (which was already opened under previous funding) to enhance accessibility especially that this project will connect 10 sitios/barangays of Davao Del Norte including Loreto Boundary in Region XIII. However, the allocated amount can only cover the 13.74836 lane km.					

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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