



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

August 16, 2019

MEMORANDUM

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

This refers to the memorandum dated 01 August 2019 of **DPWH Region XI Director ALLAN S. BORROMEO** requesting for the approval of the Modification of the hereunder project covered by CY 2019 General Appropriation Act (GAA), to wit;

As per GAA/Original			As Modified		
Project Description					
UACS No. 300112200033000 Project ID : P00353619MN					
Local Program - National Roads and Bridges - National Roads - Local Infrastructure Program			Local Program - National Roads and Bridges - National Roads - Local Infrastructure Program		
Montevista-DNAS Road (DNAS-Laak), Compostela Valley			Montevista-DNAS Road (DNAS-Laak), Compostela Valley		
Type of Work/ Physical Target	Unit Cost	Allocation	Type of Work/ Physical Target	Unit Cost	Estimated Cost
CW1 – Construction of Concrete Road/ 5.240 lane-km	₱ 27,206,107 M/ lane-km	₱ 142.560 M	CW1 – Road Widening / 6.08082 lane-km	₱ 16,951,168 M/ lane-km	₱ 103.077 M
			CW2 – Construction of Road Slope Protection Structure / 1,425.280 sq. m.	₱ 21.451 T/ sq. m.	₱ 30.5730 M
ROW Acquisition/ 52,400.0 sq. m.	₱ 114.50 / sq. m.	₱ 6.0 M	ROW Acquisition/ 70,841.0 sq. m.	₱ 211.74 / sq. m.	₱ 15.0 M
EAO	-	₱ 1.440 M	EAO	-	₱ 1.350 M
Total		₱ 150.0 M	Total		₱ 150.0 M

Justification:

- Change in type of work (from construction of concrete road to road widening) since the concreting of road for the road network under 1st Congressional District is fully funded. An amount of P137 Million for concreting of remaining unpaved portion along the missing link section is included under 2019 GAA;
- Priority is given to the widening of the national tertiary road section, where the said missing link section connects with, in anticipation of future traffic demands. Also, the section for widening is along the poblacion area;
- Increase in length and decrease in unit cost since the road design based on the new type of work (widening) have lesser excavation works (side cuts up to 10 m) instead of the anticipated up to more than 20m side cuts for concreting along mountainous terrain (since along missing link section); and
- Cost of widening includes construction of lined canal, lateral drainage and other minor drainage structures, removal and installation of metal guardrails and road signs, application of reflectorized thermoplastic pavement markings and installation of coco log with vegetation.
- Additional type of work (CW2: Construction of road slope protection structure) since the road traverses ridge sections with depth of more than 55 meters (with 44 to 90 degrees slope) wherein widening of road would not only need considerable side fill (up to 8 meters) to accommodate the standard road width to conform with DPWH Design Guidelines Criteria and Standards but also Mechanically Stabilized Earth (MSE) retaining wall including gravity wall to

support more weight on steeper slope. The total length of slope protection is 300 m with an area of 1,425.28 sq.m. (height varies from 4.8 to 7.4 meters).

- Increase in area (from 52,400.00 sq.m. to 70,841.00 sq.m.) and component cost for ROW acquisition due to the following:
 - a) Project is already "widening" wherein consideration of width for affected improvements and land acquisition is up to 30m (construction limit) instead of up to 20m only.
 - b) The increase in physical target for road, correspondingly increase the required area for ROW acquisition.
 - c) Increased in unit cost since the road section traverses poblacion area where in there are more affected improvements (houses) than anticipated. Also, consideration for cost of land which are residential in classification.

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



WIN9G02735