



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

July 03, 2020

11620

MEMORANDUM

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

This refers to the memorandum dated May 21, 2020 of **DPWH Region IX Director CAYAMOMBAO D. DIA**, requesting for the **modification** of the project under FY 2020 GAA, to wit;

As per GAA/Original			Project Description		As Modified	
UACS No. 310205100426000 Project ID: P00401418MN			OO1: Ensure Safe and Reliable National Road System – Network Development - Construction of Missing Links/ New Roads			
Sindangan-Bayog-Lakewood Rd			Sindangan-Bayog-Lakewood Rd			
Type of Work/ Physical Target	Unit Cost	Allocation	Type of Work/ Physical Target	Unit Cost	Estimated Cost	
CW1 – Construction of Concrete Road: 3.48 lane-km	₱23,021,515.52/ lane-km	₱ 80,114,874	CW1 – Construction of Concrete Road: 3.48 lane-km	₱20,758,041.94/ lane-km	₱72,237,985.95	
CW2 – Construction of Road Slope Protection Structure: 5,229.00 sq.m.	₱5,394.82/ sq.m.	₱ 28,209,516	CW2 – Construction of Road Slope Protection Structure: 2,114 sq.m.	₱17,133.05/ sq.m.	₱36,219,264.79	
ROW Acquisition: 1,967.00 sq.m.	₱299.31/ sq.m.	₱ 588,745	ROW Acquisition: 1,962.00 sq.m.	₱300.07/ sq.m.	₱588,745.49	
EAO	-	₱ 3,928,864	EAO	-	₱3,796,003.77	
Total: ₱112,842,000			Total: ₱112,842,000			
Justification:			Total: ₱112,842,000			
59% dec in target for CW-2 / 223% inc. in unit cost			59% dec in target for CW-2 / 223% inc. in unit cost			
Modification is requested due to adjustment of the actual Component Cost of Civil Work (CW1) and Engineering Overhead Expenses (EAO) as per approved Program of Work (POW), to conform with Department Order No. 52 series of 2019. The physical target for the road concreting remains the same.			Modification is requested due to adjustment of the actual Component Cost of Civil Work (CW1) and Engineering Overhead Expenses (EAO) as per approved Program of Work (POW), to conform with Department Order No. 52 series of 2019. The physical target for the road concreting remains the same.			
Minimal cost of Earthworks for CW-1 which constitutes 21.15% (₱22,941,818.35) of the total project cost, thus, contributed to the decrease in cost per kilometer of the road project.			Minimal cost of Earthworks for CW-1 which constitutes 21.15% (₱22,941,818.35) of the total project cost, thus, contributed to the decrease in cost per kilometer of the road project.			
The component cost for CW2 - Construction of Road Slope Protection Structure increased due to Item 522a(1) Active Protection System which include furnishing high tensile wire mesh, drilling and installing anchor bolts, grouting and testing the soil nailing (pull out test) which constitutes 31.49% (Php 34,158,593.05) of the total cost of project. It was considered in order to protect the slope from scouring and to provide a safe and comfortable road to the riding public.			The component cost for CW2 - Construction of Road Slope Protection Structure increased due to Item 522a(1) Active Protection System which include furnishing high tensile wire mesh, drilling and installing anchor bolts, grouting and testing the soil nailing (pull out test) which constitutes 31.49% (Php 34,158,593.05) of the total cost of project. It was considered in order to protect the slope from scouring and to provide a safe and comfortable road to the riding public.			
Decreased in EAO due to increase of total component cost of CW1 and CW2.			Decreased in EAO due to increase of total component cost of CW1 and CW2.			

Based on our evaluation, the submitted request for modification of the said project is in order; hence, approval hereof is recommended. *request to RD Certificate on reevaluation of unit cost for CW-2*

DIMAS S. SOGUILON, CESO I

Undersecretary for Regional Operations in Mindanao

APPROVED/DISAPPROVED:

MARK A. VILLAR

Secretary

Department of Public Works and Highways
Office of the Secretary



WIN0G03239