



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

Reference Number:	XIII-OGD
Project ID:	P00550698MN

April 7, 2021

MEMORANDUM

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

This refers to the memorandum dated 24 March 2021 of **DPWH Region XIII Director POL M. DELOS SANTOS**, requesting for the **modification** of the project under FY 2021 GAA, to wit;

As per GAA/Original			As Modified		
Project Description					
UACS No. 300116203534000 Project ID: P00550698MN					
Local Program - Local Roads and Bridges - Local Roads - Construction / Repair / Rehabilitation / Improvement of Various Infrastructure including Local Projects			Local Program - Local Roads and Bridges - Local Roads - Construction / Repair / Rehabilitation / Improvement of Various Infrastructure including Local Projects		
Construction of Circumferential Road along Agusan Marsh Road, Bunawan Section (Phase 3), Agusan del Sur			Construction of Circumferential Road along Agusan Marsh Road, Bunawan Section (Phase 3), Agusan del Sur		
Type of Work/ Physical Target	Unit Cost	Allocation	Type of Work/ Physical Target	Unit Cost	Estimated Cost
CW1- Construction of Concrete Road / 12.151 lane-km	P 10,324,253.15/ lane-km	P 125,450,000	CW1- Construction of Gravel Road / 1.80 lane-km	P 140.2 m/k. P 69,694,444.44/ lane-km	P 125,450,000
EAO	-	P 4,550,000	EAO	-	P 4,550,000
Total:		P 130,000,000	Total:		P 130,000,000
Justification: 77% is earthwork.					
<ul style="list-style-type: none">Changes in Scope of Work from "Construction of Concrete Road" to "Construction of Gravel Road" to prioritize the early completion of road opening works of the road section.The road section will traverse through Agusan River which is the largest river in Region XIII. This section is considered as marsh land.A decrease in length of physical target from 12.151 lane-km to 1.88 lane-km is due the high unit cost per lane-km that is attributed to the massive earthwork requirements of the project since the area is a flood prone and swampy area. Earthworks covers 77.87% of the total cost of the project where Embankment from borrow/ Common Soil contributes to 39.91%.Inclusion of Removal of Unsuitable Material and Boulder Fill since the section will traverse through marsh area and further stabilization of the base was considered in the preparation of the design, which are 6.65% and 31.06% of the total cost of the project respectively.It also includes Drainage and Slope Protection Structures such as construction of box culverts and installation of cross drain pipe culverts with headwall contributes 12.93% of the total cost of the project.Project also covers Miscellaneous Structures such as the application of Metal Guardrail (Metal Beam including post, single W/beam end piece; fish tail.Please see attached RD Certificate of Reasonableness of unit cost/justification.					

Based on our evaluation, the submitted request for modification of the said project is in order; hence, approval hereof is recommended.

EUGENIO R. PIPO, JR.
Undersecretary for Regional Operations in Mindanao

APPROVED/DISAPPROVED:

MARK A. VILLAR
Secretary

Department of Public Works and Highways
Office of the Secretary
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2.3 mksa/LCA/AVS/AGC/ERP