



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

October 14, 2021

MEMORANDUM

FOR : **ROGER G. MERCADO**
Acting Secretary
This Department

This refers to the memorandum dated 30 September 2021 of **DPWH Region XIII Director POL M. DELOS SANTOS** requesting for the approval of the Modification of the hereunder project covered by CY 2021 General Appropriation Act (GAA), to wit;

As per GAA/Original			As Modified		
Project Description					
UACS No. 300116203535000 Project ID : P00550699MN					
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 4), Agusan del Sur			Construction of Circumferential Road along Agusan Marsh Road, Bunawan Section (Phase 4), 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	₱ 10,324,253.15/ lane km	₱ 125,450,000.00	CW1 – Construction of Gravel Road/ 1.84 lane km	₱ 68,096,508.97/ lane km	₱ 125,297,576.51
EAO	-	₱ 4,550,000.00	EAO	-	₱ 4,544,471.69
Sub-Total					₱ 129,842,048.20
Excess					₱ 157,951.80
Total					₱ 130,000,000.00
Justification: 84% decrease in target; 580% increase in unit cost. 79% is due to earthquake.					
<ul style="list-style-type: none">Change 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 section.The road section will traverse through Agusan River which is the largest river in Region XIII. This section is considered as a marsh land.A decrease in length of physical target from 12.151 lane km to 1.84 lane km due to 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 79.25% of the total cost of the project where Embankment from borrow, Common Soil contributes to 41.86%.Inclusion of Removal of Unsuitable Material, and Boulder Fill since the section will traverse through marsh area, thus, further stabilization of the base was considered in the design, which constitute 6.54% and 30.30% of the total cost of the project respectively.It also include drainage and slope protection structures, construction of box culverts, and installation of cross drain pipe culverts with headwall which contributed 11.23% to the total cost of the project.The project also covers Miscellaneous Structures such as installation of meal guardrails (metal beam including post, single W-beam and metal beam end pieces; fish tail.The difference or an excess amount of ₱157,951.80 as reflected above (Allocation of ₱130,000,000.00 less ₱129,842,048.20) is due to the corrections and adjustments made by BOC. Please see attached approved Program of Works (POWs) and Detailed Unit Price Analysis (DUPA) as corrected.					

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.

EUGENIO R. PIPO, JR.

Undersecretary for Regional Operations in Mindanao

APPROVED/DISAPPROVED:

ROGER G. MERCADO

Acting Secretary

Department of Public Works and Highways
Office of the Secretary



WIN1E01915