



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

November 08, 2021

MEMORANDUM

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

DPWH - OSEC
RECEIVED
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By: _____ Time: _____
Control No. 21-13218
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This refers to the memorandum dated 20 September 2021 of **DPWH Region XIII Director POL M. DELOS SANTOS** endorsing the request of **District Engineer JOSE CAESAR A. RADAZA, Butuan City District Engineering Office**, for the approval of 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. 310207100128000 Project ID : P00501573MN OO1: Ensure Safe and Reliable National Road System - Network Development - Off-Carriageway Improvement - Primary Roads Butuan City-Cagayan de Oro City-Iligan City Road (Agusan-Misamis Or Rd) - K1233 + (-088) - K1234 + 124, K1235 + 335 - K1236 + 262			 OO1: Ensure Safe and Reliable National Road System - Network Development - Off-Carriageway Improvement - Primary Roads Butuan City-Cagayan de Oro City-Iligan City Road (Agusan-Misamis Or Rd) - K1233 + (-088) - K1233 + 244 , K1243 + 060 - K1243 + 083 , K1243 + 200 - K1243 + 746 , K1243 + 1002 - K1244 + 257		
Type of Work/ Physical Target	Unit Cost	Allocation	Type of Work/ Physical Target	Unit Cost	Estimated Cost
CW1 – Off-Carriageway Improvement: Shoulder Paving / Construction/ 10,501.920 sq.m.	₱ 8,288.29/ sq.m.	₱ 87,043,000.00	CW1 – Off-Carriageway Improvement: Shoulder Paving / Construction/ 9,669.340 sq.m.	₱5,084.87/ sq.m.	₱ 49,167,337.59
			CW2 – Construction of Drainage Structure along Road/ 481.00 lineal meters	₱78,743.58/ lineal meters	₱ 37,875,662.41
EAO	-	₱ 3,157,000.00	EAO	-	₱ 3,157,000.00
Total		₱ 90,200,000.00	Total		₱ 90,200,000.00
Justification: Modification is requested due to the following: <ul style="list-style-type: none">The need to change the Station Limits from K1233 (-088) - K1234 + 124, K1235+335 - K1236 + 262 to K1233 + (-088) - K1233 + 244, K1243 + 060 - K1243 + 083, K1243 + 200 - K1243 + 746, K1243 + 1002 - K1244 + 257, based on the approved Program of Work corresponding to the Designed Plan and actual site condition.The defined Station Limits above are composed of two (2) major components that will address the needs at the site, to wit:<ul style="list-style-type: none">CW1- Off-Carriageway Improvement: Shoulder Paving/Construction at K1233 + (-088) - K1233 + 244, K1243 +060 - K1243 + 083, K1243 + 200 - K1243 + 746, K1243 + 1002 - K1244 + 257 are the only remaining unpaved shoulder which can be implemented/doable (see attached Straight Line Diagram). As part of this component, it also includes the construction of drainage structure using 1.220m diameter RCPC and sidewalk with curb and gutter.CW2- Construction of Drainage Structure along Road (Box Culvert Type), K1243 + 265 -K1243 + 746, is considered as a major work component which covers 43.53% of the total construction cost. This type of drainage structure to be constructed under the road lane is deemed necessary as it will integrate with the LGU's master plan to accommodate the volume of water and resolve the risks of					

flooding. It will also connect to the future lateral canals which is a priority for funding in the succeeding year.

- The change in the Physical Targets was made to correspond with the reduction of CW1, from 10,501,920 Square-meter to 9,669.34 Square-meter, and include CW2 with the length of 481.0 Lineal meters.
- The scope of work for CW2 involves the construction of rigid box culvert with 2.40 meter by 1.80-meter structure with manholes. The work major items include 405(1)ā3 Structural Concrete, Class "A", and Item 404(1) Reinforcing Steel, massive earthwork, structure excavation including removal of structure/obstruction, shoring, embankment borrow and boulder fill.
- The derived unit cost are based on the approved Program of Works (POWs) and Detailed Unit Price Analysis (DUPA).
- Please see attached Certificate of Reasonableness of Unit Cost signed by the District Engineer and Regional Director.

Based on our evaluation, the submitted request for project modification 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



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