



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

MEMORANDUM

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


This refers to the Memorandum dated April 11, 2022, of **DPWH Region V Director VIRGILIO C. EDUARTE, CESO III** for the approval of **Modification** of the project under the FY 2022 General Appropriations Act (GAA), to wit:

<i>As per GAA/Original</i>			<i>As Modified</i>		
Project Description			22F00112		
UACS No. 300215100317000 Project ID: P00638954LZ CONVERGENCE AND SPECIAL SUPPORT PROGRAM Sustainable Infrastructure Projects Alleviating Gaps (SIPAG) - Access Roads and/or Bridges from the National Road/s leading to Major/ Strategic Public Buildings/ Facilities Construction of Doña Mercedes - Palanas Road, Guinobatan/Ligao City, Albay			CONVERGENCE AND SPECIAL SUPPORT PROGRAM Sustainable Infrastructure Projects Alleviating Gaps (SIPAG) - Access Roads and/or Bridges from the National Road/s leading to Major/ Strategic Public Buildings/ Facilities Construction of Doña Mercedes - Palanas Road, Guinobatan/Ligao City, Albay		
Physical Target	Unit Cost (P)	Allocation (P)	Physical Target	Unit Cost (P)	Estimated Cost (P)
CW1 – Construction of Concrete Road – 15.797 Lane Km	11,424,075.01 / Lane Km	180,466,113	CW1 – Construction of Concrete Road – 5.619 Lane Km	37,341,161.59 / Lane Km	209,819,987
CW2 – Construction of Drainage Structure along Road – 6961.34 Lineal meters	5,065.90 / Lineal meters	35,265,419	CW2 – Construction of Drainage Structure along Road – 3528.02 Lineal meters	5,728.29 / Lineal meters	20,209,510
CW3 – Construction of Road Slope Protection Structure – 14942.5 Square meters	1,707.78 / Square meters	25,518,468	CW3 – Construction of Road Slope Protection Structure – 1650.24 Square meters	6,799.32 / Square meters	11,220,503
EAO –		8,750,000	EAO –		8,750,000
Total:		250,000,000	Total:		250,000,000

JUSTIFICATION:

- Change/decrease in CW1 Physical Target since the allocated amount is not enough to complete the original target due provision of Earthwork activities such as surplus common excavation (446,656.42 cubic meters) and surplus rock excavation (229,529.66 cubic meters) allocating 35.17% and 23.82% of total construction cost of the project, respectively. Metal guardrails with end piece for safety as roadside elements under miscellaneous works also considered. Thus, the unit cost increased.
- Change/decrease in CW2 and CW3 Physical Targets based on estimated quantity computations for these components, proportionate to the length of concrete paving.
- Adopted concrete lined canal in the design of drainage structure to drain surface water away from the roadway especially during heavy rains to keep the road safe for motorists and pedestrians.
- Class A grouted riprap and stone masonry are also adopted in the design of slope protection structures to prevent collapse of road shoulder, settlement of the road surfaces, and erosion of the road embankment triggered mainly by rainwater flow thus improving stability and resistance to run-off protecting the road from sliding, scouring and erosion of soil to establish and maintain a safe and resilient road infrastructure. Likewise, hand-laid rock was in embankment with rubble concrete as slope protection along critical sections.

Based on our evaluation, the submitted request for modification of the said project is in order. Hence, the said request is hereby recommended for Secretary's consideration and approval.


ROBERTO R. BERNARDO, CESO I
Undersecretary for Operations
Regions I, II, III, IV-A, V and CAR

APPROVED/DISAPPROVED:


ROGER G. MERCADO
Acting Secretary

2.1 ACC/MBB/ACL/RRB

Department of Public Works and Highways
Office of the Secretary

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For Signature
Date: 09/04/2019