



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 May 20, 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>		
<b>Project Description</b>			22F00146		
<b>UACS No. 300217100031000</b> <b>Project ID: P00639283LZ</b>  CONVERGENCE AND SPECIAL SUPPORT PROGRAM  Sustainable Infrastructure Projects Alleviating Gaps (SIPAG) - Interjurisdictional Roads and/or Bridges (or, roads that traverse multiple LGU jurisdictions)  Construction of Road, Miisi - Bonga - Buyoan - Lidong, Daraga, Daraga/Legazpi City/Sto. Domingo, Albay			CONVERGENCE AND SPECIAL SUPPORT PROGRAM  Sustainable Infrastructure Projects Alleviating Gaps (SIPAG) - Interjurisdictional Roads and/or Bridges (or, roads that traverse multiple LGU jurisdictions)  Construction of Road, Miisi - Bonga - Buyoan - Lidong, Daraga, Daraga/Legazpi City/Sto. Domingo, Albay		
Physical Target	Unit Cost (P)	Allocation (P)	Physical Target	Unit Cost (P)	Estimated Cost (P)
CW1 – Construction of Concrete Road – 14.99 Lane Km	8,827,026.28 / Lane Km	132,317,124	CW1 – Construction of Concrete Road – 6.572 Lane Km	7,135,236.46 / Lane Km	46,892,774
CW2 – Construction of Road Slope Protection Structure – 28016.8 Square meters	2,619.49 / Square meters	73,389,708	CW2 – Construction of Road Slope Protection Structure – 9302.79 Square meters	16,629.07 / Square meters	154,696,716
CW3 – Construction of Drainage Structure along Road – 14990 Lineal meters	5,525.56 / Lineal meters	82,828,168	CW3 – Construction of Drainage Structure along Road – 4489.44 Lineal meters	6,605.53 / Lineal meters	29,655,140
			CW4 – Construction of Dike – 177.2 Lineal meters	323,309.09 / Lineal meters	57,290,370
EAO –		10,465,000	EAO-		10,465,000
<b>Total:</b>		<b>299,000,000</b>	<b>Total:</b>		<b>299,000,000</b>

**JUSTIFICATION:**

- Change in physical target due to adjustment in construction materials cost and pay item rates based on the Construction Materials Price Data (CMPD) 1st Quarter update of CY 2022, thus, unit cost increased.
- Change/decrease in CW1 Physical Target based on adjusted station limits adopting the estimated quantity computations, hence the programmed length is proportionate to the allocated amount of the project. Increase in unit cost caused by the decrease in target due to drainage, slope protection works and flood control structure (dike) allocating 53.61%, 10.28%, and 19.86% of construction cost, respectively. Provision also of pavement markings, hazard markers (chevron signs) and regulatory signs for safety of motorists and pedestrians as roadside elements under miscellaneous works.
- Change/decrease in CW2 Physical Target due to provision of stone masonry in the design of slope protection structure to prevent collapse of road shoulder, settlement of the road surfaces, and erosion of the road embankment triggered mainly by rainwater flow. It will also improve 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. Project also includes construction of 70m spillway adopting steel sheet piles, 36" diameter RCPC pipe culverts, rubble concrete and Class D grouted ripraps in its design construction to pass floodwater safely and in a controlled way.
- Change/decrease in CW3 Physical Target due to provision of Class A structural concrete and grade 40 reinforcing steel in the design of concrete lined canal structure to drain surface water away from the roadway especially during heavy rains to keep the road safe for motorists and pedestrians.
- Addition of CW4 - Construction of Dike to prevent flooding and control the flow of water adopting boulder fill, Class A grouted riprap and steel sheet piles in its design.

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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