



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 June 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			22F00185		
UACS No. 300215100321000 Project ID: P00641852LZ 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 Road, Dugui San Vicente to National Road, Virac, Catanduanes			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 Road, Dugui San Vicente to National Road, Virac, Catanduanes		
Physical Target	Unit Cost (P)	Allocation (P)	Physical Target	Unit Cost (P)	Estimated Cost (P)
CW1 – Construction of Concrete Road – 1.152 Lane Km	15,592,118.92 / Lane Km	17,962,121	CW1 – Construction of Concrete Road – 0.722 Lane Km	22,787,998.61 / Lane Km	16,452,935
CW2 – Construction of Road Slope Protection Structure – 2335.24 Square meters	3,398.66 / Square meters	7,936,697	CW2 – Construction of Road Slope Protection Structure – 655.5 Square meters	1,685.11 / Square meters	1,104,598
CW3 – Construction of Drainage Structure along Road – 379.58 Lineal meters	8,038.31 / Lineal meters	3,051,182	CW3 – Construction of Drainage Structure along Road – 439 Lineal meters	25,950.950 / Lineal meters	11,392,467
EAO –		1,050,000	EAO –		1,050,000
Total:		30,000,000	Total:		30,000,000

Justification:

- Change/decrease in CW1 physical target due to adjustment in construction materials cost and pay item rates considering the Construction Materials Price Data (CMPD) 1st Quarter update of CY 2022.
- Likewise, increase in unit cost due to Earthwork activities such as surplus common excavation, and embankment from roadway excavation & borrow, allocating 32.16% and 0.49% of construction cost, respectively. Provision also metal guardrails with metal end piece for safety of motorists and residents as roadside elements under Miscellaneous activities also considered.
- Change/decrease in CW2 Physical Target based on estimated quantity computations, proportionate to the length of concrete paving. Stone masonry and class A grouted riprap were adopted in the design of slope protection 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.
- Change/increase in CW3 Physical target. Concrete lined canal with steel sheet piles, hand-laid rock embankment and rubble concrete were adopted in the design of drainage structure with 1220mm dia Class II pipe culverts road to drain surface water away from the roadway especially during heavy rains to keep the road safe for motorists and pedestrians, allocating 21.09% of the construction cost, allocating 38.68% of construction cost.

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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