



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



August 1, 2024

MEMORANDUM

TO : **REYNALDO C. ALCONCEL**
Regional Director
DPWH-Region II
Tuguegarao City, Cagayan




ATTENTION : **MARIANO B. MALUPENG**
District Engineer
Cagayan 3rd District Engineering Office

Transmitted herewith is the **APPROVED** request for the **modification** of hereunder stated project:

1. Organizational Outcome 1: Ensure Safe and Reliable National Road System - Network Development Program - Construction of Missing Links/ New Roads – Sampaguita-Warat-La Suerte-Catarauan-Afusing Rd Phase III - - - **₱ 100,000,000.00**

Please be reminded that all approved modifications **shall be posted in the DPWH website within five (5) days** from its approval. Failure to comply with this requirement shall be dealt with accordingly.


REY PETER B. GILLE, D.M.
Assistant Secretary for Regional Operations
in CAR, Regions I, II, IX, X, XI, XII, and XIII

2.3 mksa/AVS/RPBG/ERP

Website: <https://www.dpwh.gov.ph>
Tel. No(s).: 5304-3000 / (02) 165-02





Republic of the Philippines
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
OFFICE OF THE SECRETARY
Bonifacio Drive, Port Area Manila



June 26, 2024

MEMORANDUM

FOR : **MANUEL M. BONOAN**
Secretary
This Department

This refers to the memorandum dated 07 June 2024 of **DPWH Region II Regional Director REYNALDO C. ALCONCEL**, endorsing the request of **District Engineer MARIANO B. MALUPENG**, Cagayan 3rd District Engineering Office, for the **modification** of the project under FY 2024 GAA, to wit;

As per GAA/Original			As Modified		
Project Description					
UACS No. 310205101189000 Project ID: P00805758LZ Organizational Outcome 1: Ensure Safe and Reliable National Road System - Network Development Program - Construction of Missing Links/ New Roads – Sampaguita-Warat-La Suerte-Catarauan-Afusing Rd Phase III			Organizational Outcome 1: Ensure Safe and Reliable National Road System - Network Development Program - Construction of Missing Links/ New Roads – Sampaguita-Warat-La Suerte-Catarauan-Afusing Rd Phase III		
Type of Work/ Physical Target	Unit Cost	Allocation	Type of Work/ Physical Target	Unit Cost	Estimated Cost
CW1- Road Widening 5.000 Lane kilometers	₱ 19,300,000.00/ Lane kilometer	₱ 96,500,000.00	CW1- Construction of Concrete Road 2.024 Lane kilometers	₱ 36,619,105.34/ Lane kilometer	₱ 74,117,069.21
			CW2- Construction of Road Slope Protection Structure 3114 square meters	₱ 7,187.84/ Square meter	₱ 22,382,930.79
EAO	-	₱ 3,500,000.00	EAO	-	₱ 3,500,000.00
Total:		₱ 100,000,000.00	Total:		₱ 100,000,000.00

Justification:

- The type of work is changed from "Road Widening" to "Construction of Concrete Road" since there is no existing road to be widened.
- The increase in unit cost/ decrease in the physical target of CW1 – Construction of Concrete Road from 5.00 lane km. to 2.024 lane km is due to the following:
 - The utilization of voluminous embankment which accounts to 21.97% of the total cost which is necessary to raise the grade of the road since the location of the project traverses a low-lying plain that is usually flooded during rainy season.
 - The inclusion of 3.00m width of 230mm thick paved shoulder on both sides.
 - The inclusion of 3m x 3m Reinforced Concrete Box Culvert Cross Drain (Single Barrel) and 1220mm diameter

Handwritten signature/initials

Website: <https://www.dpwh.gov.ph>
Tel. No(s).: 5304-3000 / (02) 165-02

AG-00-202404-02541



Reinforced Concrete Pipe Culvert (Triple Barrel) to prevent the impounding of water and scouring of the road.

- The use of separation geotextile which accounts to 17.43% of the total cost, to enhance the stability and performance of the road by preventing the migration of fine particles from the subgrade into the aggregate layers, therefore, maintaining the structural integrity and prolonging the lifespan of the road.
- Inclusion of Civil Work component CW2- Construction of Road Slope Protection Structure (Concrete Retaining Wall) ranging from 3.0 to 4.0m height, which accounts 23.195% of the total cost.
- The unit cost also has been evaluated and reviewed by the Bureau of Construction (BOC). See attached evaluation dated June 19, 2024.
- The derived unit cost is based on validated and approved detailed engineering design (DED), detailed unit price analysis DUPA) and program of work (POW).

Attached are the following supporting documents: GIS Map of the Proposed Project Work Location, Certificate of Availability of Funds (CAF), BP Form 202, Certificate of Reasonableness of Cost Estimate, Certificate of "No Overlapping" and "Not Within Warranty Period", Geotagged Photographs, Straight line Diagram, Approved Program of Works (POW) and Approved Detailed Engineering Design (DED).

Based on our evaluation, the submitted request for modification of the said project is in order; hence, approval hereof is recommended.


REY PETER B. GILLE, D.M.

Assistant Secretary for Regional Operations
in CAR, Regions I, II, IX, X, XI, XII and XIII

RECOMMENDING APPROVAL:


EUGENIO R. PIPO, JR.

Undersecretary for Regional Operations
In CAR, Regions I, II, IX, X, XI, XII, and XIII


MARIA CATALINA E. CABRAL, Ph.D., CESO I

Undersecretary for Planning and Public -
Private Partnership Services

APPROVED/DISAPPROVED:


MANUEL M. BONOAN

Secretary

2.3 mksa/AVS/RPBG/ERP

Department of Public Works and Highways
Office of the Secretary



WIN4E03602

