



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



June 13, 2024

**MEMORANDUM**

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

This refers to the memorandum dated 10 June 2024 of **DPWH Region IX Director CAYAMOMBAO D. DIA, CESO III**, requesting for the **modification** of the project under FY 2024 GAA, to wit;

As per GAA/Original			As Modified		
Project Description					
<b>UACS No. 310204102640000</b> <b>Project ID: P00800792MN</b>  OO1: Ensure Safe and Reliable National Road System- Network Development - Construction of Bypass and Diversion Roads  Sumagdang - Menzi - Lanote Bypass Road, Isabela City			  OO1: Ensure Safe and Reliable National Road System- Network Development - Construction of Bypass and Diversion Roads  Sumagdang - Menzi - Lanote Bypass Road, Isabela City		
Type of Work/ Physical Target	Unit Cost	Allocation	Type of Work/ Physical Target	Unit Cost	Estimated Cost
CW1- Road Widening/ 0.706 Lane Km	₱ 25,572,341.40 /Lane Km	₱ 18,054,073.00	CW1- Road Widening/ 0.706 Lane Km	<b>₱ 18,161,122.03</b> /Lane Km <i>₱ 36.2 M/km</i>	<b>₱ 12,821,752.15</b>
CW2- Construction of Concrete Road/ 0.726 Lane Km	₱ 47,792,600.60 /Lane Km	₱ 34,697,428.00	CW2- Construction of Concrete Road/ 0.726 Lane Km	<b>₱ 21,203,812.19</b> /Lane Km <i>₱ 42.4 M/km</i>	<b>₱ 15,393,967.65</b>
CW3- Rehabilitation/ Major Repair of Road Slope Protection Structure/ 1,960.200 Sq.m.	₱ 9,921.69 /Sq.m.	₱ 19,448,498.00	CW3- <b>Construction of Road Slope Protection Structure/ 1,960.200 Sq.m.</b>	<b>₱ 10,301.15</b> /Sq.m.	<b>₱ 20,192,307.00</b>
			CW4- Off- Carriageway Improvement: Construction of Bike Lanes 9,700.00 Sq.m.	<b>₱ 2,452.78</b> /Sq.m.	<b>₱ 23,791,973.20</b>
ROW Acquisition/ 10,362.694 Sq.m.	₱ 482.50 /Sq.m.	₱ 5,000,000.00	ROW Acquisition/ <b>62,204.00</b> Sq.m.	<b>₱ 80.38</b> /Sq.m.	₱ 5,000,000.00
EAO	-	₱ 2,800,000.00	EAO	-	₱ 2,800,000.00
Total:		<b>₱ 80,000,000.00</b>	Total:		<b>₱ 80,000,000.00</b>

*ROW - see Memo dated June 5, 2024*

*Op*

Website: <https://www.dpwh.gov.ph>

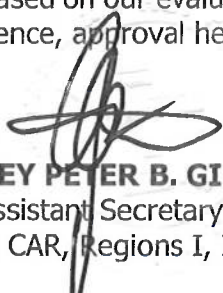
Tel. No(s): 5304-3000 / (02) 165-07



**Justification:**

- The decrease in the unit cost for both CW1- *Road Widening* and CW2 - *Construction of Concrete Road* is due to the minimal corrections in the vertical and horizontal alignment of the project requiring lesser earthworks constituting 0.90% (P647,573.97) only of the total project cost. These changes resulted to the decrease in their respective component costs.
- The allotted amount for CW2 is sufficient to complete the remaining sections that needs concreting. See attached certification.
- The scope of work for CW3 was originally specified as ***Rehabilitation/Major Repair of Road Slope Protection Structure***. However, a detailed field assessment determined there was no existing slope protection structure, necessitating a change to ***Construction of a Road Slope Protection Structure*** to meet the actual field requirements.
- The increase in the unit cost for CW3 is due to the use of reinforced cantilever wall structure with design height of 4.1 meters, measured from the tip of the heel, 0.5-meters top crest and base width of 3.85 meters. In addition, the project also includes Grouted Riprap, to protect the cut section from collapse and erosion.
- The inclusion of CW4 - *Off-Carriageway Improvement: Construction of a Bike Lane* in the project is necessary to accommodate the increasing number of cyclists using the road. This complies with Department Order No. 263, Series of 2022, which mandates the implementation of standardized bicycle facilities along national roads.
- The derived unit cost is based on the approved Program of Works (POW) and Detailed Unit Price Analysis (DUPA).

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:**

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

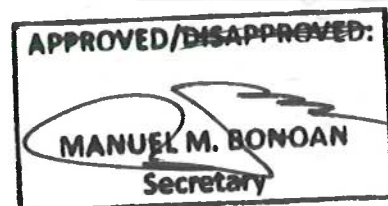
Undersecretary for Planning and Public-Private Partnership Services

Department of Public Works and Highways  
Office of the Secretary



  
**EUGENIO R. PIHO, JR.**

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



2.3 aap/OAL/AVS/RPBG/ERP