

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

Manila



April 25, 2024

FOR

## MEMORANDUM

.

EUGENIO R. PIPO, JR. **Undersecretary for Regional Operations** in CAR, Regions I, II, IX, X, XI, XII, and XIII This Department

This refers to the memorandum dated 25 March 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 De	escription		
UACS No. 310203	3100784000				
Project ID: P008	02691MN				
OO1: Ensure Safe and Reliable National Road System- Network Development - Road Widening - Tertiary Roads Jct Blancia - Molave - Josefina Road - K1652 + (-843) - K1653 + 000, K1657 + 534 - K1658 + 000, K1665 + 000 - K1666 + 000			OO1: Ensure Safe and Reliable National Road System – Network Development - Road Widening - Tertiary Roads Jct Blancia - Molave - Josefina Road - K1652 + (-843)´- <b>K1652 + 980</b> , K1657 + <b>398.86</b> ´ - K1658 + <b>005.02</b> , K1665 + 000, - <b>K1665 + 720</b> .		
Type of Work/ Physical Target	Unit Cost	Allocation	Type of Work/ Physical Target	Unit Cost	Estimated Cost
CW1- Road Widening/	₱13,765,015.02 / Lane-km	₽91,675,000.00	CW1- Road Widening/ <b>6.25</b> Lane-km	<b>14,640,000.00</b>	P 91,500,000.00
ROW Acquisition/ 10,000.00 Sg.m.	. <b>₱</b> 482.50 /Sq.m.	₽ 4,825,000.00	ROW Acquisition/ 10,000.00 Sq.m.	₽ 500.00 /Sq.m.	P 5,000,000.00
EAO		₽ 3,500,000.00	EAO	-	₹ 3,500,000.00
Total: P 100,000,000.00			Total: P 100,000,000		P 100,000,000.00

#### Justification:

- The decrease in physical target/increase in the unit cost is due to;
  - The massive earthworks; removal of RCPC headwall existing guardrails, Item 102 (1) Unsuitable Excavation, Item 102(2) Surplus Common Excavation, excavation for line canal, foundation fill, embankment from borrow and roadway excavation, and Subgrade Preparation which constitutes 14.29% (₱ 13,076,358.72) of the total project cost.
  - ✓ Inclusion of drainage and slope protection works; construction of line canal to manage water runoff, extension of cross drain to maintain proper drainage and grouted riprap and stone masonry to stabilize slopes, and prevent the road embankment from scouring/erosion.
  - The road design also includes miscellaneous structures such as reflectorized thermoplastic 1 pavement markings, hazard markers, and warning signs which contributed to the increase in cost per kilometer of the road project.



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CW1- Road Widening/ 6.66 Lane-km	₱ 13,765,015.02 / Lane-km	₱ 91,675,000.00	CW1- Road Widening/ <b>6.25</b> Lane-km	<b>P 14,640,000.00</b> / Lane-km	₽ 91,500,000.00				
ROW Acquisition/ 10,000.00 Sq.m.	₱ 482.50 /Sq.m.	₱ 4,825,000.00	ROW Acquisition/ 10,000.00 Sq.m.	₽ 500.00 /Sq.m.	₽ 5,000,000.00				
EAO	_	₱ 3,500,000.00	EAO	—	₱ 3,500,000.00				
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Page 2 of 2

- Change in the station limits to cover road segments requiring road widening to cover the gaps or bottlenecks in the current road network and improve traffic flow, enhance safety, and accommodate growing vehicular volumes.
- See Attached Straight line diagram.
- The derived unit cost for ROW Acquisition is based on the prevailing market values in the locality.
- 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 PEYER B. GILLE** 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

## APPROVED/DISAPPROVED:

ENIO R. PIRO,

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

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Page 2 of 2

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**REY PETER B. GILLE** 

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

Undersegretary for Planning and Public-Private, Partnership Services

**APPROVED/DISAPPROVED:** 

EUGENIO R. PIPO, JR.

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

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