



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

March 16, 2023

**MEMORANDUM**

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

This refers to the memorandum dated 14 March 2023 of **DPWH Region IX Director CAYAMOMBAO D. DIA, CESO III**, requesting for the **modification** of the project under FY 2023 GAA, to wit;

<i>As per GAA/Original</i>			<i>As Modified</i>		
<b>Project Description</b>					
<b>UACS No. 310204102132000</b> <b>Project ID: P00705512MN</b>					
OO1: Ensure Safe and Reliable National Road System – Network Development - Construction of Bypass and Diversion Roads			OO1: Ensure Safe and Reliable National Road System – Network Development - Construction of Bypass and Diversion Roads		
NRJ Lapakan-Lamisahan-Victoria By-Pass Road, Zamboanga City			NRJ Lapakan-Lamisahan-Victoria By-Pass Road, Zamboanga City		
Type of Work/ Physical Target	Unit Cost	Allocation	Type of Work/ Physical Target	Unit Cost	Estimated Cost
CW1- Construction of Concrete Road/ 5.811 Lane-km	₱ 15,277,921.18 /lane-km	₱ 88,780,000.00	CW1- Construction of Concrete Road/ 3.00 lane-km	₱ 29,476,666.67 /Lane-km	₱ 88,430,000.00
ROW Acquisition 60,000.00 sq.m.	₱ 160.83/sq.m	₱ 9,650,000.00	ROW Acquisition 33,333.33 sq.m.	₱ 300.00/sq.m. <i>₱ 58 m/km</i>	₱ 10,000,000.00
EAO	-	₱ 3,570,000.00	EAO	-	₱ 3,570,000.00
<b>Total:</b>		<b>₱ 102,000,000.00</b>	<b>Total:</b>		<b>₱ 102,000,000.00</b>
<b>Justification:</b> <i>up cost of Cost Reasonableness</i>					
<ul style="list-style-type: none"><li>The decrease in physical target /increase in unit cost is due to;<ul style="list-style-type: none"><li>✓ The massive Earthworks which constitute 43.64% (₱ 38,594,854.69) of the total project cost. It involves huge volume of Item 102(2) Surplus Common Excavation and rock excavation and embankment of common soil to stabilize the base foundation.</li><li>✓ It involves the removal of existing PCCP with a width of 5 meters, RCPC and lined canal.</li><li>✓ The road design also includes drainage and slope protection works to address surface runoff and to prevent the road embankment from scouring/erosion, and also, miscellaneous structures such as reflectorized thermoplastic pavement markings, guardrails including post, warning signs and hazard markers which contributed to the increase in cost per kilometer of the road project.</li></ul></li><li>The ROW Acquisition coverage lessen due to the decrease in the physical Target of the road project.</li><li>The derived unit cost for ROW Acquisition is based on the prevailing market values in the locality.</li></ul>					

*Q*

*[Signature]*

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




**ADOR G. CANLAS**

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



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

**APPROVED/~~DISAPPROVED~~:**



**MANUEL M. BONOAN**  
Secretary

2.3 aap/OAL/AVS/AGC/ERP

Department of Public Works and Highways  
Office of the Secretary



WIN3E02733



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

March 16, 2023

**MEMORANDUM**

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

This refers to the memorandum dated 14 March 2023 of **DPWH Region IX Director CAYAMOMBAO D. DIA, CESO III**, requesting for the **modification** of the project under FY 2023 GAA, to wit;

<i>As per GAA/Original</i>			<i>As Modified</i>		
<b>Project Description</b>					
<b>UACS No. 310204102132000</b> <b>Project ID:P00705512MN</b>  OO1: Ensure Safe and Reliable National Road System – Network Development - Construction of Bypass and Diversion Roads  NRJ Lapakan-Lamisahan-Victoria By-Pass Road, Zamboanga City					
<b>Type of Work/ Physical Target</b>			<b>Type of Work/ Physical Target</b>		
<b>Unit Cost</b>			<b>Unit Cost</b>		
<b>Allocation</b>			<b>Estimated Cost</b>		
CW1- Construction of Concrete Road/ 5.811Lane-km	₱ 15,277,921.18 /lane-km	₱ 88,780,000.00	CW1- Construction of Concrete Road/ <b>3.00</b> lane-km	<b>₱ 29,476,666.67</b> /Lane-km	<b>₱ 88,430,000.00</b>
ROW Acquisition 60,000.00 sq.m.	₱160.83/sq.m	₱ 9,650,000.00	ROW Acquisition 33,333.33 sq.m.	<b>₱ 300.00/sq.m.</b>	<b>₱ 10,000,000.00</b>
EAO	–	₱ 3,570,000.00	EAO	–	₱ 3,570,000.00
<b>Total:</b>		<b>₱ 102,000,000.00</b>	<b>Total:</b>		<b>₱ 102,000,000.00</b>

**Justification:**

- The decrease in physical target /increase in unit cost is due to;
  - ✓ The massive Earthworks which constitute 43.64% (₱ 38,594,854.69) of the total project cost. It involves huge volume of Item 102(2) Surplus Common Excavation and rock excavation and embankment of common soil to stabilize the base foundation.
  - ✓ It involves the removal of existing PCCP with a width of 5 meters, RCPC and lined canal.
  - ✓ The road design also includes drainage and slope protection works to address surface runoff and to prevent the road embankment from scouring/erosion, and also, miscellaneous structures such as reflectorized thermoplastic pavement markings, guardrails including post, warning signs and hazard markers which contributed to the increase in cost per kilometer of the road project.
- The ROW Acquisition coverage lessen due to the decrease in the physical Target of the road project.
- The derived unit cost for ROW Acquisition is based on the prevailing market values in the locality.

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



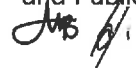
**ADOR G. CANLAS**

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



**EUGENIO R. PIPO, JR.**

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



**APPROVED/~~DISAPPROVED~~:**



**MANUEL BONOAN**  
Secretary

09/03/2015

2.3 aap/OAL/AVS/AGC/ERP