

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

May 23, 2018

**MEMORANDUM**

**FOR :** **MARK A. VILLAR**  
Secretary  
This Department

This refers to the memorandum dated 21 May 2018 of **DPWH Region III Director ANTONIO V. MOLANO, JR.**, endorsing the request of **District Engineer RAMIRO M. CRUZ**, Bulacan 2<sup>nd</sup> District Engineering Office, for the approval of the **Modification** of the project under FY 2018 General Appropriation Act (GAA), to wit;

Project Description					
<b>UACS No. 300116200099000</b> <b>Project ID: P00240124LZ</b>					
LOCAL PROGRAM - Local Roads and Bridges - Local Roads - Construction / Repair / Rehabilitation / Improvement of Various Infrastructure including Local Projects -			LOCAL PROGRAM - Local Roads and Bridges - Local Roads - Construction / Repair / Rehabilitation / Improvement of Various Infrastructure including Local Projects -		
Rehabilitation/Reconstruction/Improvement of Igay-Montalban Road, San Jose Del Monte City, Bulacan			Rehabilitation/Reconstruction/Improvement of Igay-Montalban Road, San Jose Del Monte City, Bulacan		
Type of Work/ Physical Target	Unit Cost	Allocation	Type of Work/ Physical Target	Unit Cost	Estimated Cost
CW1- Rehabilitation of Paved Road/ 5.000 lane km	₱ 19.300M/ lane km	₱ 96.500M	CW1- Rehabilitation of Paved Road/ 4.20 lane km	₱ 11.424M/ lane km	₱ 48.00M
-	-	-	ROW Acquisition/ 45,454.50 sq.m.	₱ 1.067T/sq.m.	₱ 48.500M
EAO	-	₱ 3.500M	EAO	-	₱ 3.500M
Total		₱ 100.0M	Total		₱ 100.0M
<b>Justification:</b> <ul style="list-style-type: none"><li>Decrease in the physical target in CW1 in order to include payment of Right-of-Way acquisition.</li><li>The inclusion of ROW is necessary to attain the 4-lane road width.</li><li>The unit cost of CW1 includes the provision of stone masonry to protect the road from erosion.</li><li>The unit costs are based on approved POW and DUPA with reference to the current Construction Materials Price Data (CMPD).</li></ul>					

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

**DIMAS S. SOGUILON**  
Undersecretary for Regional Operations  
Regions I, II, III, IV-A, V & CAR

**APPROVED/DISAPPROVED:**

**MARK A. VILLAR**  
Secretary

2.4 mksa/AVS/ERP/DSS

**RAFAEL C. YABUT**  
Senior Undersecretary  
Officer-In-Charge

Department of Public Works and Highways  
Office of the Secretary



WIN8G02320



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

May 17, 2018

**MEMORANDUM**

**FOR :** **MARK A. VILLAR**  
Secretary  
This Department

This refers to the memorandum dated 16 May 2018 of **DPWH Region III Director ANTONIO V. MOLANO, JR.**, endorsing the request of **District Engineer RAMIRO M. CRUZ, Bulacan 2nd DEO**, for the **modification** of the project under CY 2018 GAA, to wit:

As per GAA/Original			As Modified		
Project Description					
<b>UACS No. 310203100052000</b> <b>Project ID: P00201413LZ</b>					
OO1: Ensure Safe and Reliable National Road System Network Development Program - Road Widening - Tertiary Roads			OO1: Ensure Safe and Reliable National Road System Network Development Program - Road Widening - Tertiary Roads		
Muzon - Tungkong Manga Rd - K0041+(-779) - K0043+351			Muzon - Tungkong Manga Rd - <b>K0043+585 - K0045+030</b>		
Type of Work/ Physical Target	Unit Cost	Allocation	Type of Work/ Physical Target	Unit Cost	Estimated Cost
CW1 - Road Widening / 3.130 lane Km	₱ 15.415M /lane Km	₱ 48.250M	CW1 - Road Widening / 2.80 lane Km	₱ 11.408M /lane Km	₱ 31.943M
-	-	-	CW2 - Construction of Drainage Structure along Road / 1,747.40 lm	₱ 9.332T /lm	₱ 16.307M
ROW Acquisition / 31,300.00 m <sup>2</sup>	₱ 1.541T / m <sup>2</sup>	₱ 48.250M	ROW Acquisition / 31,300.00 m <sup>2</sup>	₱ 1.541T / m <sup>2</sup>	₱ 48.250M
EAO	-	₱ 3.500M	EAO	-	₱ 3.500M
<b>Total:</b>		<b>₱ 100.00M</b>	<b>Total:</b>		<b>₱ 100.00M</b>
<b>Justification:</b> <ul style="list-style-type: none"> <li>The decrease in target was due to the inclusion of CW2 to provide proper disposal of rain water at the new station limits.</li> <li>The new station limit have no obstruction and has a clear 20m road width.</li> <li>The Derived unit costs are based on approved POW, DUPA and current Construction of Materials Price Data (CMPD).</li> </ul>					

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

**DIMAS S. SOGUILON**  
Undersecretary for Regional Operations  
Regions I, II, III, IV-A, V & CAR

**APPROVED/DISAPPROVED:**

**MARK A. VILLAR**  
Secretary

2.4 LDM/AVS/ERP/DSS

**RAFAEL C. YABUT**  
Senior Undersecretary  
Officer-In-Charge

Department of Public Works and Highways  
Office of the Secretary



WIN8G02357



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

May 23, 2018

**MEMORANDUM**

**FOR :** **MARK A. VILLAR**  
Secretary  
This Department

This refers to the memorandum dated 21 May 2018 of **DPWH Region III Director ANTONIO V. MOLANO, JR.**, endorsing the request of **District Engineer RAMIRO M. CRUZ**, Bulacan 2<sup>nd</sup> District Engineering Office, for the approval of the **Modification** of the project under FY 2018 General Appropriation Act (GAA), to wit;

Project Description					
<b>UACS No. 310202100184000</b> <b>Project ID: P002013071Z</b>					
OO1 : Ensure Safe and Reliable National Road System – Network Development Program - Road Widening – Secondary Roads			OO1 : Ensure Safe and Reliable National Road System – Network Development Program - Road Widening – Secondary Roads		
Meycauayan-Camalig-Bahay Pari Rd – K0020+ <del>480</del> – K0020 + 596			Meycauayan-Camalig-Bahay Pari Rd – K0020+ <del>(-854)</del> – K0020 + 596		
Type of Work/ Physical Target	Unit Cost	Allocation	Type of Work/ Physical Target	Unit Cost	Estimated Cost
CW1- Road Widening/ 2.152 lane km	₱ 10.433M/ lane km	₱ 22.4518M	CW1- Road Widening/ <b>2.831 lane km</b>	<b>₱ 7.931M/ lane km</b>	₱ 22.4518M
ROW Acquisition/ 10.760 sq.m.	₱ 2.086T/sq.m.	₱ 22.4518M	ROW Acquisition/ 10.760 sq.m.	₱ 2.086T/sq.m.	₱ 22.4518M
EAO	-	₱ 916.40T	EAO	-	₱ 916.40T
<b>Total</b>		<b>₱ 45.820M</b>	<b>Total</b>		<b>₱ 45.820M</b>
<b>Justification:</b> <ul style="list-style-type: none"><li>Increased in physical target. Based on the approved Construction Materials Price Data (CMPD), the unit cost decreased resulting to the increase in physical target.</li><li>The change in station limit and scope of works was not realized until the previous project of the regional office was completed. The priority remaining RROW Acquisition and sections/gaps has to be addressed immediately to continuously serve the purpose of the widening of projects that were implemented in the same road section in the past four (4) years.</li></ul>					

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

**DIMAS S. SUGILON**  
Undersecretary for Regional Operations  
Regions I, II, III, IV-A, V & CAR

**APPROVED/DISAPPROVED:**

**MARK A. VILLAR**  
Secretary

2.4 mksa/AVS/ERP/DSS

**RAFAEL E. YABUT**  
Senior Undersecretary  
Officer-In-Charge

Department of Public Works and Highways  
Office of the Secretary

WIN8G02385



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

May 21, 2018

**MEMORANDUM**

**FOR :** **MARK A. VILLAR**  
Secretary  
This Department

This refers to the memorandum dated 16 May 2018 of **DPWH Region III Director ANTONIO V. MOLANO, JR.**, endorsing the request of **District Engineer RAMIRO M. CRUZ, Bulacan 2nd DEO**, for the **modification** of the project under CY 2018 GAA, to wit;

As per GAA/Original			As Modified		
Project Description					
<b>UACS No. 320101100316000</b> <b>Project ID: P00223266LZ</b>					
OO2 : Protect Lives and Properties Against Major Floods Flood Management Program - Construction/ Maintenance of Flood Mitigation Structures and Drainage Systems			OO2 : Protect Lives and Properties Against Major Floods Flood Management Program - Construction/ Maintenance of Flood Mitigation Structures and Drainage Systems		
Construction/Concreting of Sapang Putik-Basuit- Gabihan Road, San Ildefonso, Bulacan			Construction/Concreting of Sapang Putik-Basuit-Gabihan Road, San Ildefonso, Bulacan		
Type of Work/ Physical Target	Unit Cost	Allocation	Type of Work/ Physical Target	Unit Cost	Estimated Cost
CW1 – Construction of Concrete Road / 3.485 lane Km	₱ 63.687M /lane Km	₱ 221.950M	CW1 – Construction of Concrete Road / <b>7.20 lane Km</b>	<b>₱ 20.510M</b> <b>/lane Km</b>	<b>₱ 147.676M</b>
			CW2 – Construction of Road Slope Protection Structure / <b>19,496.16 m<sup>3</sup></b>	<b>₱ 3.497T</b> <b>/ m<sup>3</sup></b>	<b>₱ 68.194M</b>
			ROW Acquisition / <b>115,600.00 m<sup>2</sup></b>	<b>₱ 52.60</b> <b>/ m<sup>2</sup></b>	<b>₱ 6.080M</b>
EAO	-	₱ 8.050M	EAO	-	₱ 8.050M
<b>Total:</b>		<b>₱ 230.00M</b>	<b>Total:</b>		<b>₱ 230.00M</b>
<b>Justification:</b> <ul style="list-style-type: none"><li>• Increase of physical target in CW1 due to the decrease of unit cost. It is found reasonable base on the approved Construction of Materials Price Data (CMPD).</li><li>• Inclusion of ROW acquisition component was necessary since the project is a road opening.</li><li>• As per actual validation some proposed stations need slope protection to prevent erosion of embankment and subbase.</li><li>• The derived unit cost are based on the approved POW, DUPA and current Construction Materials Price Data (CMPD)</li></ul>					

UACS No. 320101100316000  
Project ID: P00223266LZ

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

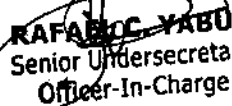
**DIMAS S. SOGUILON**

Undersecretary for Regional Operations  
Regions I, II, III, IV-A, V & CAR

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

**MARK A. VILLAR**  
Secretary

2.4 LDM/AVS/ERP/DSS

  
**RAFAEL C. YABUT**  
Senior Undersecretary  
Officer-In-Charge

Department of Public Works and Highways  
Office of the Secretary



WIN8G02382



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

May 21, 2018

**MEMORANDUM**

**FOR :** **MARK A. VILLAR**  
Secretary  
This Department

This refers to the memorandum dated 16 May 2018 of **DPWH Region III Director ANTONIO V. MOLANO, JR.**, endorsing the request of **District Engineer RAMIRO M. CRUZ, Bulacan 2nd DEO**, for the **modification** of the project under CY 2018 GAA, to wit;

As per GAA/Original			As Modified		
Project Description					
<b>UACS No. 310203100047000</b> <b>Project ID: P00201412LZ</b>  OO1: Ensure Safe and Reliable National Road System Network Development Program - Road Widening - Tertiary Roads  Meycauayan-Camalig-Bahay Pari Rd incl. ROW - K0021+140 - K0021+300, K0023+200 - K0024+1050, K0025+435 - K0026+000, K0026+100 - K0026+600, K0028+000 - K0028+323			OO1: Ensure Safe and Reliable National Road System Network Development Program - Road Widening - Tertiary Roads  Meycauayan-Camalig-Bahay Pari Rd incl. ROW - K0023+200 - <b>K0024+637, K0024+856 - K0024+1024, K0025+194 - K0025+255, K0025+435 - K0025+790</b>		
Type of Work/ Physical Target	Unit Cost	Allocation	Type of Work/ Physical Target	Unit Cost	Estimated Cost
CW1 – Road Widening / 3.319 lane Km	₱ 6.687M /lane Km	₱ 22.195M	CW1 – Road Widening / <b>5.16 lane Km</b>	<b>₱ 8.898M</b> /lane Km	<b>₱ 45.912M</b> /lane Km
-	-	-	CW2 – Construction of Road Slope Protection Structure / <b>612.00 m³</b>	<b>₱ 3.820T</b> /m³	<b>₱ 2.338M</b>
ROW Acquisition / 47,000.00 m²	₱ 1.581T / m²	₱ 74.305M	ROW Acquisition / <b>30,538.00 m²</b>	<b>₱ 1.580T</b> /m²	<b>₱ 48.250M</b>
EAO	-	₱ 3.500M	EAO	-	₱ 3.500M
<b>Total:</b>		<b>₱ 100.00M</b>	<b>Total:</b>		<b>₱ 100.00M</b>
<b>Justification:</b> <ul style="list-style-type: none"><li>To maximize the utilization funds, the excess amount from ROW was added to CW1, resulting to the increase in physical target. The increase in unit cost was found reasonable base on the approved Construction Materials Price Data (CMPD).</li><li>The component of ROW was decreased because as per further evaluation the amount for ROW Acquisition was more than what is needed, thus, the excess allocation for ROW was transferred to CW1.</li><li>The change in station limit and scope of works was not realized until the previous project of the regional office was completed. The priority remaining ROW Acquisition and sections/gaps have to be addressed immediately to continuously serve the purpose of the road widening projects implemented in the same road section in the past four (4) years.</li><li>As per actual validation some proposed station limits need slope protection to prevent erosion of embankment and subbase.</li></ul>					

UACS No. 310203100047000  
Project ID: P00201412LZ

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

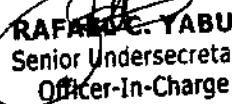
**DIMAS S. SOGUILON**

Undersecretary for Regional Operations  
Regions I, II, III, IV-A, V & CAR

**APPROVED/DISAPPROVED:**

**MARK A. VILLAR**  
Secretary

2.4 LDM/AVS/ERP/DSS

  
**RAFAEL C. YABUT**  
Senior Undersecretary  
Officer-In-Charge

Department of Public Works and Highways  
Office of the Secretary

WIN8G02387