



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

April 17, 2017

**MEMORANDUM**

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

This refers to the herein letter dated 10 April 2017 of Regional Director **Danilo E. Dequito** of Region IV-B endorsing the request of District Engineer **Alejandro M. Ventilacion**, Palawan 2<sup>nd</sup> District Engineering Office for the Modification of hereunder stated project for FY 2017 General Appropriation Act. (GAA).

Project Description		Physical Target / Cost	
As per GAA	As Modified	Original	Modified
UACS # <b>165003015700149</b>		5.602 lane-km	<b>4.211</b> lane-km
MFO 1 – National Road Network Services - Road Upgrading (unpaved to paved) based on Gravel Road Strategies, Traffic Benchmark for Upgrading to Paved Road Standards (HDM-4 Project Analysis) – Secondary : <b>Road Upgrading Gravel to Paved - Aramaywan-Berong-Pto Princessa Rd – K0200 + 416 - K0202 + 521</b> (Road Upgrading Gravel to Paved)	MFO 1 – National Road Network Services - Road Upgrading (unpaved to paved) based on Gravel Road Strategies, Traffic Benchmark for Upgrading to Paved Road Standards (HDM-4 Project Analysis) – Secondary : <b>Road Upgrading Gravel to Paved - Aramaywan-Berong-Pto Princessa Rd – K0200 + 416 - K0202 + 521.35</b> (Road Upgrading Gravel to Paved)	Unit Cost ₱17.851M/ lane-km	Unit Cost <b>₱23.747M/</b> lane-km
		Allocation Cost ₱100.00M	Estimated Cost ₱100.00M
<b>Reason/s for Modification</b> <ul style="list-style-type: none"><li>Correction of physical target. The physical target of 5.602 lane-km reflected on the approved GAA generated from MYPs is inconsistent to the equivalent RBIA length of 4.21 lane-km. Attached is the computation of length.</li><li>Further, the decrease in physical target from 5.602 lane-km to 4.211 lane-km is due to the huge volume of surplus excavation of 54,268 cu.m., surplus rock excavation of 26,547 cu.m. soft and embankment of 6,230 cu.m., considering the location of the project is mountaneous terrain.</li><li>The PCCP carriageway of 6.70m in width and 280 mm in thickness is provided with metal guardrails, warning signs and pavement markings to complement road safety requirement.</li></ul>			

Finding the herein request for modification in order, it is respectfully recommended to the Secretary for his consideration and approval.

**EUGENIO R. PIPO, JR.**

Assistant Secretary for Regional Operations in Luzon

**APPROVED / DISAPPROVED :**

**ROMEO S. MOMO**

Undersecretary  
Officer-In-Charge

2.4 aap/AVS/ERP/RSM

Note : Copies of the approved project modification requests will be forwarded to the office of Undersecretary Maria Catalina E. Cabral.

Form for Evaluation of Modification or Realignment Request (2017, version 2.1)

A. GENERAL																																			
1. REGION REGION IV-B (MIMAROPA)		2. DEO PALAWAN 2ND		3. LEGISLATIVE DISTRICT 2ND DISTRICT OF PALAWAN																															
B. ORIGINAL PROJECT			C. NEW PROJECT																																
4. UACS (Unified Account Code Structure as defined in GAA) 165003015700149			18. UACS (to be entered only upon approval of realignment) 165003015700149																																
5. Project Id P00119107LZ Component Id(s) CW1			19. Project Id (to be entered only upon approval of realignment) P00119107LZ Component Id(s) (to be entered only upon approval of realignment) CW1																																
6. Project Category MFO-1 National Road Network Services			20. Project Category MFO-1 National Road Network Services																																
7. Thrust Asset Preservation of National Roads - Preventive Maintenance based on Pavement Management System/ Highway Development and Management-4 (HDM-4) - Secondary			21. Thrust Asset Preservation of National Roads - Preventive Maintenance based on Pavement Management System/ Highway Development and Management-4 (HDM-4) - Secondary																																
8. Type of Work (Enter Details for all Components below) <table><tr><th>Component ID</th><th>Type of Work</th></tr><tr><td>CW1</td><td>Road Upgrading Gravel to Paved</td></tr><tr><td>Click here to enter text.</td><td>Choose an item.</td></tr><tr><td>Click here to enter text.</td><td>Choose an item.</td></tr><tr><td>Click here to enter text.</td><td>Choose an item.</td></tr></table>			Component ID	Type of Work	CW1	Road Upgrading Gravel to Paved	Click here to enter text.	Choose an item.	Click here to enter text.	Choose an item.	Click here to enter text.	Choose an item.	22. Type of Work (Enter Details for all Components below) <table><tr><th>Component ID</th><th>Type of Work</th></tr><tr><td>CW1</td><td>Road Upgrading Gravel to Paved</td></tr><tr><td>Click here to enter text.</td><td>Choose an item.</td></tr><tr><td>Click here to enter text.</td><td>Choose an item.</td></tr><tr><td>Click here to enter text.</td><td>Choose an item.</td></tr></table>			Component ID	Type of Work	CW1	Road Upgrading Gravel to Paved	Click here to enter text.	Choose an item.	Click here to enter text.	Choose an item.	Click here to enter text.	Choose an item.										
Component ID	Type of Work																																		
CW1	Road Upgrading Gravel to Paved																																		
Click here to enter text.	Choose an item.																																		
Click here to enter text.	Choose an item.																																		
Click here to enter text.	Choose an item.																																		
Component ID	Type of Work																																		
CW1	Road Upgrading Gravel to Paved																																		
Click here to enter text.	Choose an item.																																		
Click here to enter text.	Choose an item.																																		
Click here to enter text.	Choose an item.																																		
9. PROJECT DESCRIPTION (as recorded in GAA) Aramaywan-Berong-Puerto Princesa Rd – K0200+416-K0202+521			23. PROJECT DESCRIPTION (of the new project) Aramaywan-Berong-Puerto Princesa Road – K0200+416-K0202+521.35																																
10. ALLOCATION (P'000) (as recorded in GAA) 100,000		11. OBLIGATION (This must be checked to confirm there are no obligations) NO		24. ESTIMATED COST(P'000) 100,000																															
12. PHYSICAL TARGET (Enter Details for all Components below) <table><tr><th>Component ID</th><th>Target</th><th>Target Unit</th></tr><tr><td>CW1</td><td>(MYPS) 5.602</td><td>Lane Km</td></tr><tr><td>Click here to enter text.</td><td>(GAA) 2.8</td><td>Kilometers (Km)</td></tr><tr><td>Click here to enter text.</td><td>Click here to enter text.</td><td>Choose an item.</td></tr><tr><td>Click here to enter text.</td><td>Click here to enter text.</td><td>Choose an item.</td></tr></table>		Component ID	Target	Target Unit	CW1	(MYPS) 5.602	Lane Km	Click here to enter text.	(GAA) 2.8	Kilometers (Km)	Click here to enter text.	Click here to enter text.	Choose an item.	Click here to enter text.	Click here to enter text.	Choose an item.	25. CAF (To be obtained from Financial Management office) YES		26. PHYSICAL TARGET (Enter Details for all Components below) <table><tr><th>Component ID</th><th>Target</th><th>Target Unit</th></tr><tr><td>CW1</td><td>4.211</td><td>Lane Km</td></tr><tr><td>Click here to enter text.</td><td>2.10535</td><td>Kilometers (Km)</td></tr><tr><td>Click here to enter text.</td><td>Click here to enter text.</td><td>Choose an item.</td></tr><tr><td>Click here to enter text.</td><td>Click here to enter text.</td><td>Choose an item.</td></tr></table>		Component ID	Target	Target Unit	CW1	4.211	Lane Km	Click here to enter text.	2.10535	Kilometers (Km)	Click here to enter text.	Click here to enter text.	Choose an item.	Click here to enter text.	Click here to enter text.	Choose an item.
Component ID	Target	Target Unit																																	
CW1	(MYPS) 5.602	Lane Km																																	
Click here to enter text.	(GAA) 2.8	Kilometers (Km)																																	
Click here to enter text.	Click here to enter text.	Choose an item.																																	
Click here to enter text.	Click here to enter text.	Choose an item.																																	
Component ID	Target	Target Unit																																	
CW1	4.211	Lane Km																																	
Click here to enter text.	2.10535	Kilometers (Km)																																	
Click here to enter text.	Click here to enter text.	Choose an item.																																	
Click here to enter text.	Click here to enter text.	Choose an item.																																	
13. UNIT COST (Enter Details for all Components below) <table><tr><th>Component ID</th><th>Component Cost (P'000)</th><th>Unit Cost</th></tr><tr><td>CW1</td><td>100,000</td><td>17,850.768 /Lane Km (35,714.286 /Km)</td></tr><tr><td>Click here to enter text.</td><td>Click here to enter text.</td><td>Click here to enter text.</td></tr><tr><td>Click here to enter text.</td><td>Click here to enter text.</td><td>Click here to enter text.</td></tr></table>			Component ID	Component Cost (P'000)	Unit Cost	CW1	100,000	17,850.768 /Lane Km (35,714.286 /Km)	Click here to enter text.	Click here to enter text.	Click here to enter text.	Click here to enter text.	Click here to enter text.	Click here to enter text.	27. UNIT COST (Enter Details for all Components below) <table><tr><th>Component ID</th><th>Component Cost (P'000)</th><th>Unit Cost</th></tr><tr><td>CW1</td><td>100,000</td><td>23,747.328/Lane Km (47,498.041 /Km)</td></tr><tr><td>Click here to enter text.</td><td>Click here to enter text.</td><td>Click here to enter text.</td></tr><tr><td>Click here to enter text.</td><td>Click here to enter text.</td><td>Click here to enter text.</td></tr></table>			Component ID	Component Cost (P'000)	Unit Cost	CW1	100,000	23,747.328/Lane Km (47,498.041 /Km)	Click here to enter text.	Click here to enter text.	Click here to enter text.	Click here to enter text.	Click here to enter text.	Click here to enter text.						
Component ID	Component Cost (P'000)	Unit Cost																																	
CW1	100,000	17,850.768 /Lane Km (35,714.286 /Km)																																	
Click here to enter text.	Click here to enter text.	Click here to enter text.																																	
Click here to enter text.	Click here to enter text.	Click here to enter text.																																	
Component ID	Component Cost (P'000)	Unit Cost																																	
CW1	100,000	23,747.328/Lane Km (47,498.041 /Km)																																	
Click here to enter text.	Click here to enter text.	Click here to enter text.																																	
Click here to enter text.	Click here to enter text.	Click here to enter text.																																	



<b>14. PROJECT LOCATION</b> (Must be defined in strict accordance with DO 65 Series 2014)  Road Upgrading Gravel to Paved - Aramaywan-Berong-Puerto Princesa Rd - K0200+416-K0202+521 (S00064PW)  <div>Start XClick here to enter text.</div> <div>End XClick here to enter text.</div> <div>Start YClick here to enter text.</div> <div>End YClick here to enter text.</div>	<b>28. PROJECT LOCATION</b> (Must be defined in strict accordance with DO 65 Series 2014)  Road Upgrading (Unpaved to Paved) - Aramaywan-Berong-Puerto Princesa Road - K0200+416-K0202+521.35 (S00064PW)  <div>Start XClick here to enter text.</div> <div>End XClick here to enter text.</div> <div>Start YClick here to enter text.</div> <div>End YClick here to enter text.</div>
<b>15. ROAD CLASSIFICATION</b> (if applicable) Secondary	<b>29. ROAD CLASSIFICATION</b> (if applicable) Secondary
<b>16. IMPLEMENTING OFFICE</b> (Record the Implementing Office of the original project)  PALAWAN 2ND DISTRICT ENGINEERING OFFICE	<b>30. IMPLEMENTING OFFICE</b> (Record the Implementing Office of the new project)  PALAWAN 2ND DISTRICT ENGINEERING OFFICE
<b>17. PROJECT IMPLEMENTATION PLAN (PIP)</b>  <div>Planned Start Date March 6, 2017</div> <div>Planned End Date December 28, 2017</div>	<b>31. PROJECT IMPLEMENTATION PLAN (PIP)</b>  <div>Planned Start Date May 29, 2017</div> <div>Planned End Date June 15, 2018</div>
	<b>32. OVERLAP?</b> NO  <b>33. WARRANTY</b> Click here to enter text.

<b>D. EVALUATION &amp; JUSTIFICATION</b>	
<b>ASSET PRESERVATION (ROADS)</b>	
34a. Existing Surface Type (from RBIA)	Gravel
34b. Roughness (IRI) (from RBIA)	Click here to enter text.
34c. RoCOND (from RBIA)	Fair
<b>ASSET PRESERVATION (BRIDGES)</b>	
34d. General Bridge Type (from BMS)	Click here to enter text.
34e. Bridge Needs Ratio (BNR) (from BMS)	Click here to enter text.
<b>NETWORK DEVELOPMENT</b>	
34f. Existing Surface Type (from RBIA)	Click here to enter text.
34g. Volume Capacity Ratio (VCR) (from RBIA)	Click here to enter text.
34h. Endorsement of Regional Development Council (RDC)	Click here to enter text.
34.i Feasibility and Other Technical Studies for Bridges	Click here to enter text.
<b>FLOOD CONTROL</b>	
34j. Project Impact Analysis	Click here to enter text.
34k. Master Plan	Click here to enter text.

35. JUSTIFICATION		
1. The physical target of 5.602 Lane Km reflected in the approved GAA generated from MYPS is inconsistent to the equivalent RBIA length of 4.21 Lane Km (Please see attached computation of length).		
2. Decreased in physical target from 5.602 Lane Km to 4.211 Lane Km is due to huge volume of surplus excavation of 54,268 cu.m., surplus rock excavation of 26,547 cu.m., soft and embankment of 6,230 cu.m., considering the location of the project is mountainous terrain while the PCCP carriageway of 6.70 m in width and 280 mm in thickness is provided with metal guardrails, warning signs and pavement markings to complement road safety requirement. /		
36. GEOTAGGED PHOTOS SUBMITTED <input type="checkbox"/> NO <input type="checkbox"/> YES		
37. EVALUATED BY: BENMARK S. BOLALIN, ENGINEER III OIC - Chief Planning and Programming Section		38. DATE: Click here to enter a date.
E. REVIEW AND APPROVAL		
REVIEWED:	RENATO L. ESQUADRO, ENGINEER V Chief Planning and Design Division	DATE: Click here to enter a date.
RECOMMENDED:	DANILO E. DEQUITO, CESO III Regional Director	DATE: Click here to enter a date.
NOTED:	ROMEO S. MOMO, CESO I Undersecretary for Operations	DATE: Click here to enter a date.
ENDORSED / APPROVED:	MARK A. VILLAR Secretary of Department of Public Works and Highways	DATE: Click here to enter a date.