



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

April 21, 2017

**MEMORANDUM**

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

This refers to the herein letter dated 17 April 2017 of Regional Director **Nerie D. Bueno** of Cordillera Administrative Region endorsing the request of District Engineer **Elehimicon M. Lorenzana**, Ifugao 1<sup>st</sup> District Engineering Office for the Modification of hereunder stated project under FY 2017 General Appropriation Act (GAA).

Project Description		Physical Target / Cost	
As per GAA	As Modified	Original	Modified
UACS # <b>165003014600151</b>			
MFO 1 – National Road Network Services - Asset Preservation of National Roads - Rehabilitation/ Reconstruction of National Roads with Slips, Slope Collapse, and Landslide – Tertiary : Construction of Road Slope Protection Structure - Kiangnan-Tinoc-Buguias Rd - K0328+000 - K0328+030, K0328+600 - K0328+620, K0329+700 - K0329+820, K0330+300 - K0330+420, K0333+600 - K0333+800 (Construction of Road Slope Protection Structure)	MFO 1 – National Road Network Services - Asset Preservation of National Roads - Rehabilitation/ Reconstruction of National Roads with Slips, Slope Collapse, and Landslide – Tertiary : Rehabilitation/ Reconstruction of National Roads with Slips, Slope Collapse, and Landslide along Kiangnan-Tinoc-Buguias Rd – K0324+870 - K0324+920 K0328+000 - K0328+030, K0328+600 - K0328+620, K0329+700 - K0329+721, K0329+766 - K0329+820, K0333+640 - K0333+690.50 (LS) K0333+660 - K0333+690 (RS) (Construction of Road Slope Protection Structure)	6,286 m <sup>2</sup>	<b>1,578</b> m <sup>2</sup>
		Unit Cost (P'000) <b>₱1.774T/</b> m <sup>2</sup>	Unit Cost (P'000) <b>₱7.068T/</b> m <sup>2</sup>
		Allocation Cost (P'000) <b>₱11,154</b>	Estimated Cost (P'000) <b>₱11,154</b>

**Reason/s for Modification**

- There was an error in the entry of the original physical target. The physical target should be 1,578 sq.m. and not 6,286 sq.m.
- The unit cost increased from Php1,774.42/sq.m. to Php7,068.44/sq.m. a difference of Php5,294.02 equivalent to 298.35%. Considering the supposed original target of 3,060 sq.m. the original unit cost should have been Php3,645.09/sq.m. making the difference of Php1,870.67 equivalent to 51.32%.
  - Station K0330+300-K0330+420 is deleted. After the occurrence of soil collapse at that section, it was found out that slope is stable hence no need for slope protection.
  - Station K0324+870-K0324+920 which needs slope protection at the fore slope is added. It will not only protect motorists but will prevent the road from slipping thereby preserving the Portland Cement Concrete Pavement.
  - Station K0329+700-K0329+820 was broken down to K0329+700-K0329+721 and K0329+766-K0329+820 because there is an existing slope protection from K0329+721-K0329+766.
  - Station K0333+600-K0333+800 was broken down to K0333+640-K0333+690.5 (LS) and K0333+660-K0333+690 (RS). Both sides of the road need slope protection work. The left side will prevent soil collapse while the right side will prevent the road from slipping thereby preserving the concrete carriageway.
  - The revised physical target as reflected in this modification is derived from the actual field survey. The change in unit cost is due to the change in the type of structures to be built taking into consideration design criteria and actual field conditions.

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  
Officer-In-Charge

  
**APPROVED / DISAPPROVED :**

**MARK A. VILLAR**

Secretary

Department of Public Works and Highways  
Office of the Secretary

2.4 aap/AVS/ERP/RSM



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