



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

16 May 2017

MEMORANDUM

FOR : MARK A. VILLAR
Secretary
This Department

Respectfully submitted is the Memorandum dated 15 May 2017 of **Regional Director ALLAN S. BORROMEO** of DPWH-XI, requesting for approval of the Modification of Project to be implemented by the said region under the FY 2017 GAA in the prescribed form (2017, version 2.1), to wit:

FROM	TO
MFO-1 National Road Network Services	MFO-1 National Road Network Services
Asset Preservation of National Roads - Rehabilitation/ Reconstruction of National Roads with Slips, Slope Collapse, and Landslide - Secondary	Asset Preservation of National Roads - Rehabilitation/ Reconstruction of National Roads with Slips, Slope Collapse, and Landslide - Secondary
Construction of Road Slope Protection Structure – Kapalong-Talaingod-Valencia (Bukidnon) Road – K1515+(-)130 - K1515+(-)016.60 K1515+703 - K1515+726.70 K1516+245 - K1516+286 K1518+(-)215.40 - K1518+(-)184.50 K1531+870 - K1531+945 K1533+320 - K1533+370 K1533+430 - K1533+480	Rehabilitation/Reconstruction of National Road With Slips, Slope Collapse and Landslides Along Kapalong-Talaingod- Valencia (Bukidnon) Road, Davao del Norte K1514+851.000-K1514+969.000 K1515+706.250-K1515+728.750 K1517+787.425-K1517+811.275 K1524+540.000-K1524+800.000
Allocation : ₱ 112 Million Physical Target : 9,140.60 sq.m. Unit Cost : ₱ 12,253.02/sq.m.	Allocation : ₱ 112 Million Physical Target : 15,305 sq.m. Unit Cost : ₱ 7,317.87/sq.m.

JUSTIFICATION:

All project limits were modified to prioritize very critical sections which need immediate measures/interventions to prevent traffic accidents. The start limits of the original 1st section was extended but shortened at the end limits and start limits of original 2nd section was modified (moved a little forward as per actual need) and its end limits extended to cover the most critical areas. Original 4th section was shortened to address the most critical area that need slope protection. Original 3rd and 5th-7th sections were deleted to prioritize more critical sections. One critical new section (K1524+540-K1524+800) was included in the project since it needs to be addressed immediately. These critical sections (4

new/modified limits) are not only landslide areas (with rock fall) but also road collapse/slips areas. Some sections of the road (one lane) are already impassable since considerable volume of soil have eroded. This erosion is aggravated every time there is heavy downpour and will continue to erode if not addressed. Portion of the pavement at these critical sections are already damaged and are hanging due to said erosion. As such, during the conduct of survey works, the new/modified project limits (critical sections) were prioritized.

Increase in physical target from 9,140.60 sq.m. to 15,305 sq.m. for slope protection as per actual need and design (height of structure), however, length of slope protection to be covered decreased (from 384 lm to 142.35 lm) since there was a need to prioritize said critical sections (with deeper depth and greater damaged area). The project involves soil stabilization and construction of retaining wall (using Geocell R3, soilbags and Meta-facing). Attached for reference is a typical drawing of the road slope protection structures.

Attached are the required documents, such as Evaluation Form (2017 version 2.1), BP202, Certificate of Availability of Funds (CAF), Approved Program of Work, Straight Line Diagram and Geotagged photographs.

In view of the above, the request for Modification of the Project is respectfully recommended for the Honorable Secretary's approval.


DIMAS S. SOGUILON, CESO II
Assistant Secretary for Mindanao Operations

APPROVED/DISAPPROVED:

MARK A. VILLAR
Secretary

3.5 IMM/LCA/DSS


RAFAEL C. YABUT
Senior Undersecretary
Officer-In-Charge

Department of Public Works and Highways
Office of the Secretary



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