



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 – K1486+(-)081 - K1486+(-) 065 K1495+064 - K1495+100 K1495+(-)612 - K1495+(-)394 K1496+075 - K1496+120 K1500+(-)173 - K1500+(-)150 K1500+220 - K1500+276.50 K1503+120 - K1503+258.40 K1508+563.50 - K1508+590 K1513+240 - K1513+270	Rehabilitation/Reconstruction of National Road With Slips, Slope Collapse and Landslides Along Kapalong-Talaingod- Valencia (Bukidnon) Road, Davao del Norte K1485+923.619-K1485+933.619 K1494+460.000-K1494+560.000 K1496+078.750-K1496+122.621 K1498+178.875-K1498+261.025 K1499+828.075-K1499+851.925 K1500+495.500-K1500+504.500 K1501+695.750-K1501+709.250 K1502+588.750-K1502+611.250 K1503+125.719-K1503+288.470 K1508+597.100-K1508+610.600 K1513+200.000-K1513+300.000
Allocation : ₱ 116 Million Physical Target : 13,732.7 sq.m. Unit Cost : ₱ 8,446.99/sq.m.	Allocation : ₱ 116 Million Physical Target : 14,314 sq.m. Unit Cost (Php) : ₱ 8,103.95/sq.m.

MODIFICATION:

All project limits were modified to prioritize very critical sections which need immediate measures/interventions to prevent traffic accidents. Original 1st and 3rd sections were shortened to address the most critical areas that need slope protection. The start limits of original 4th-5th, 7th and 8th sections were modified (moved a little forward as per actual need) and its end limits extended to cover said critical areas. Original 2nd and 6th sections were deleted to prioritize more critical sections. Four critical new sections (K1498+178.875-K1498+261.02, K1500+495.500-K1500+504.500, K1501+695.750-K1501+709.250, and K1502+588.750-K1502+611.250) were included in the project since they need to be addressed immediately. These critical sections (11 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 13,732.70 sq.m. to 14,314 sq.m. for slope protection as per actual need and design (height of structure), however, length of slope protection to be covered decreased (from 589.40 lm to 484.71 lm) since there was a need to prioritize said critical sections (with deeper depth and greater damaged area). The project involves soil stabilization, construction of retaining wall (using Geocell R3, soilbags and Meta-facing), construction of catchwall using soilbags with geotextile and reconstruction of existing damaged pavement. 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


RAFAEL C. YABUT
Regional Undersecretary
Office in Charge

3.5 IMM/LCA/DSS

Department of Public Works and Highways
Office of the Secretary



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