



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

12 May 2017

MEMORANDUM

FOR : MARK A. VILLAR
Secretary
This Department

Respectfully submitted is Memorandum dated 25 April 2017 of **OIC-Regional Director ALLAN S. BORROMELO** of DPWH-XI, requesting for approval 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
<p>MFO 1 – National Road Network Services: Asset Preservation of National Roads - Rehabilitation/Reconstruction of National Roads With Slips, Slope Collapse, and Landslide - Secondary</p> <p>Construction of Road Slope Protection Structure Including Off-Carriageway Improvement: Shoulder Paving/ Construction – Davao-Sarangani Coastal Rd (Malalag-Malita-JAS-G) K1665+388-K1666+016 K1668+300-K1669+180</p> <p>Allocation: Total = P 138.337 Million Construction of Road Slope Protection = P 128.060 Million Shoulder Paving/Construction = P 10.277 Million Physical Target: Construction of Road Slope Protection = 9,020 sq.m. Shoulder Paving/Construction = 4,344 sq.m. Unit Cost : Construction of Road Slope Protection = P 14,197.34 /sq.m. Shoulder Paving/Construction = P 2,365.79 /sq.m.</p>	<p>MFO 1 – National Road Network Services: Asset Preservation of National Roads - Rehabilitation/Reconstruction of National Roads With Slips, Slope Collapse, and Landslide - Secondary</p> <p>Rehabilitation/Reconstruction of National Road With Slips, Slope Collapse and Landslide Along Davao-Sarangani Coastal Road (Malalag-Malita- JAS-Glan Road) Including Paving of Shoulder (Kinanga-Biton Section), Davao Occidental K1665+599-K1666+023 K1668+300-K1669+180</p> <p>Allocation: Total = P 138.337 Million Construction of Road Slope Protection = P 98,604,849.50 Shoulder Paving/Construction = P 39,732,150.50 Physical Target: Construction of Road Slope Protection = 4,418.984 sq.m. Shoulder Paving/Construction = 5,280 sq.m. Unit Cost : Construction of Road Slope Protection = P 22,313.92 /sq.m. Shoulder Paving/Construction = P 7,525.03 /sq.m.</p>

JUSTIFICATION:

Project limits modified for slope protection structure (from K1665+388-K1666+016 to K1665+599-K1666+023) based on actual field requirements. The slope section from K1665+388 to K1665+599 is not deep (with presence of vegetation) and is far away from the ocean, hence, does not need slope protection. Decrease in physical target from 9,020 sq.m. to 4,418.984 sq.m. for slope protection as per actual need and design (height of structure). There is considerable unit cost for slope protection due to the design used is O-piles (steel sheet piles). The original design was only retaining wall, however, was changed to said structure inasmuch the road section traverses the coastal area. Hence, there was a need for slope protection not only to prevent erosion but also slope protection structure that would serve as a coastal defense that would dissipate and prevent strong waves from reaching the national road and protect the travelling public. Attached is a typical drawing of the slope protection structure [O-piles (steel sheet piles)].

Increase in physical target from 4,344 sq.m. to 5,280 sq.m. for paving of shoulders as per designed, however, there is no change in project limits (K1668+300-K1669+180). There is considerable unit cost for paving of shoulders due to earthworks (excavation) inasmuch the road section runs on a rolling terrain.

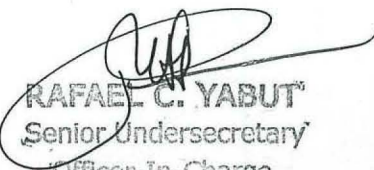
Attached are the required documents, such as Evaluation Form (2017 version 2.1), BP 202, Certificate of Availability of Funds (CAF), Approved Program of Work, Straight Line Diagram and Geotagged photographs.

In view of the above, this request for Modification of Project is respectfully recommended for your consideration and approval.


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

APPROVED/DISAPPROVED:

MARK A. VILLAR
Secretary


RAFAEL C. YABUT
Senior Undersecretary
Officer-In-Charge

Department of Public Works and Highways
Office of the Secretary



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