



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

06 March 2017

**MEMORANDUM**

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

Respectfully submitted is the Memorandum dated 28 February 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
<p><b>MFO 1 – National Road Network Services:</b></p> <p><b>Network Development - Construction of By-Passes/ Diversion Roads, including ROW</b></p> <p>Construction of Concrete Road - Bypass Road at Buhangin-Tigatto-Mandug-Callawa-Fatima Road Including RROW, Davao City (Package 4)</p> <p><b>Allocation :</b>  <b>Total = P239.612 Million</b>  <i>Const. of Concrete Road= P237,240 Million</i>  <i>ROW Acquisition = P2.372 Million</i></p> <p><b>Physical Target :</b>  <i>Const. of Concrete Road= 11.862 lane km</i>  <i>ROW Acquisition = 23,724 sq.m.</i></p> <p><b>Unit Cost (P) :</b>  <i>Const. of Concrete Road= 20 Million/lane km</i>  <i>ROW Acquisition = 99.98/sq.m.</i></p>	<p><b>MFO 1 – National Road Network Services:</b></p> <p><b>Network Development - Construction of By-Passes/ Diversion Roads, including ROW</b></p> <p>Concreting/Widening/Improvement of Bypass Road at Buhangin-Tigatto-Mandug-Callawa-Fatima Road Including Construction of Suadan Bridge and RROW, Davao City 2<sup>nd</sup> LD (Package 4)</p> <p><b>Allocation :</b>  <b>Total = P239.612 Million</b>  <i>Const. of Concrete Road= P216,368,777.50</i>  <i>Const. of Concrete Bridge= P20,871,222.50</i>  <i>ROW Acquisition = P2.372 Million</i></p> <p><b>Physical Target :</b>  <i>Const. of Concrete Road= 7.570 lane km</i>  <i>Const. of Concrete Bridge= 238.50 sq.m.</i>  <i>ROW Acquisition = 23,724 sq.m.</i></p> <p><b>Unit Cost (P) :</b>  <i>Const. of Conc. Rd. = 28,582,401.25/lane km</i>  <i>Const. of Concrete Bridge= 87,510.37/sq.m.</i>  <i>ROW Acquisition = 99.98/sq.m.</i></p>

**JUSTIFICATION:**

The scopes of work needed for the road section/alignment of the road involve not only concreting (with portion of reconstruction) but also construction of new bridge over a river crossing, hence, with additional project component. Decrease in physical target due to the

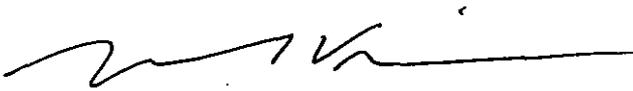
inclusion of construction of bridge. In addition, said decrease in physical target for road is also due to considerable amount for massive common excavation. The road traverses rolling to mountainous terrain with portion of ridge sections which require a vertical thru cut of about 10 meters and side cuts of a maximum of 33 meters to conform with the DPWH Design Guidelines and Standards (Horizontal and Vertical Alignment and Road Width) especially that the existing carriageway width is very narrow having variable widths of 3-4.50 meters. Moreover, the scopes of work include construction of drainage structures, provision of thermoplastic pavement markings, chevron signs, coconet and coco logs, vegetation and metal guardrails including posts.

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

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

  
**RAFAEL C. YABUT**  
Senior Undersecretary  
Visayas and Mindanao Operations

**APPROVED** DISAPPROVED:

  
**MARK A. VILLAR**  
Secretary

3.5IMM/LCA/DSS

Department of Public Works and Highways  
Office of the Secretary



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