



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

23 APR 2018

**MEMORANDUM**

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

This refers to the Memorandum dated 10 April 2018 of **DPWH Region XI Regional Director ALLAN S. BORRAMEO, CESO IV**, requesting for the approval of the Modification of the hereunder project for FY 2018 General Appropriation Act (GAA), to wit:

As per GAA/Original			As Modified		
Project Description					
UACS No. 310305100055000 Project ID: P00201226MN					
OO1: Ensure Safe and Reliable National Road System			OO1: Ensure Safe and Reliable National Road System		
Bridge Program			Bridge Program		
Widening of Permanent Bridges			Widening of Permanent Bridges		
Maniki Br. (B00182MN) along Tagum-Panabo Circum Rd (Phase I) incl. ROW			Maniki Br. (B00182MN) along Tagum-Panabo Circum Rd (Phase I) incl. ROW		
Physical Target	Unit Cost (P'000)	Allocation (P'000)	Physical Target	Unit Cost (P'000)	Estimated Cost (P'000)
CW-1 Widening of Bridge: 1,697.630 sq.m.	P 108.00/ sq.m.	P 183,350	CW-1 Widening of Bridge: 1,696.613 sq.m.	P 108.70/ sq.m.	P 183,350
ROW: 6,340 sq.m.	P 152.21/ sq.m.	P 965.00	ROW: 6,340 sq.m.	P 152.21/ sq.m.	P 965.00
EAO	-	P 6,685.00	EAO	-	P 6,685.00
Total:		P 191,000	Total:		P 191,000
Justification:					
<ul style="list-style-type: none"><li>Minimal adjustment in physical target from 1,697.630 sq.m. to 1,696.613 sq.m. since per design and actual site condition, the required exact length and width of bridge (additional 2 lanes) to conform with the standard design for 4 lane bridges is 177.842 lm and 9.54 lm, respectively, instead of the estimated 178.51 lm and 9.51 lm.</li><li>The project requires additional funding requirement of P 155 Million (with approved MYOA, copy attached) due to the following:<ul style="list-style-type: none"><li>a. The design of the bridge involves steel girder since existing bridge is steel. In addition, the design involves long span bridges (53-54 m span), hence, steel I-beam is used since maximum length for concrete I-beam is 45 m only;</li><li>b. The depth of bored piles is 45m;</li><li>c. Steel craneway will be provided at both sides to ensure that widening of bridge will be completed within the specified duration; and</li><li>d. Substantial cost for Steel I - Girders (including fabrication and installation) due to the design of long span (53-44 m) compared to PSCG bridges.</li></ul></li></ul>					

Based on our evaluation, the herein request is found in order, hence approval is hereby recommended.



**RAFAEL C. YABUT**

Senior Undersecretary

Undersecretary for Regional Mindanao Operations

**APPROVED/DISAPPROVED:**



**MARK A. VILLAR**

Secretary

2.1 MSQ/ACF/RCY

Department of Public Works and Highways  
Office of the Secretary



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