



21 MAR 2018

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

MEMORANDUM

FOR : Secretary MARK A. VILLAR
Secretary
This Department

This refers to the Memorandum dated 21 February 2018 of DPWH Region XI Regional Director ALLAN S. BORROMEO, 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. 310201100190000 Project ID: P00200659MN OO1: Ensure Safe and Reliable National Road System - Network Development Program Road Widening - Primary Roads Pres. Diosdado P. Macapagal Nat'l Hi-way incl. ROW – K1727+572 - K1729+770 | | | OO1: Ensure Safe and Reliable National Road System -Network Development Program Road Widening - Primary Roads Pres. Diosdado P. Macapagal Nat'l Hi-way incl. ROW – K1727+572 - K1729+270 | | |
| Physical Target | Unit Cost (P'000) | Allocation (P'000) | Physical Target | Unit Cost (P'000) | Estimated Cost (P'000) |
| CW-1 Road Widening: 4.124 lane km | P 34,981.25/ lane km | P 144,262.675 | CW-1 Road Widening: 3.17566 lane km | P 45,427.62/ lane km | P 144,262.675 |
| ROW: 19,795.20 sq.m. | P 0.02461834182/ sq.m. | P 487.325 | ROW: 19,795.20 sq.m. | P 0.02461834182/ sq.m. | P 487.325 |
| EAO | - | P 5,250 | EAO | - | P 5,250 |
| Total: | | 150,000 | Total: | | 150,000 |
| Justification: <u>Decrease in physical target from 4.124 lane km to 3.17566 lane km (with change in project limits) due to:</u> <ul style="list-style-type: none">• Considerable amount needed for massive excavation (solid and rippable) as reflected in the submitted plans and POW;• The entire road project limits runs on a mountainous terrain and the left side is along a cliff section/area, hence, requires that additional 2 lanes be mostly at one side (right side) and also requires massive side cuts (average height=23m) to conform with the DPWH Design Guidelines and Standards (Horizontal and Vertical Alignment and Road Width;• The design of berm is at least two meters instead of the one meter standard width to have ample space for equipment during implementation and at the same time to catch/accommodate debris if there are any untoward landslides/erosion as the area is prone to landslides. There have been accidents reported along the area which have caused death to the traveling public due to landslide. Hence, the need to widen the berm to protect the traveling public from imminent danger; and• Scopes of work also include construction of slope protection (catch wall) including berm having a design width of 2 m instead of the design of 1 m standard width since the area is landslide prone, construction of drainage structures, provision of thermoplastic pavement markings and metal guardrails including post. | | | | | |

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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