



Republic of the Philippines
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
OFFICE OF THE SECRETARY
 Bonifacio Drive, Port Area, Manila

Number: _____
 Project ID: **P00550721MN**

April 15, 2021

MEMORANDUM

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

This refers to the Memorandum dated 19 March 2021 of **DPWH Region XI OIC-Regional Director REY PETER B. GILLE, DM**, requesting for the **modification** of the project under FY 2021 GAA, to wit:

As per GAA/Original			As Modified		
Project Description					
UACS No. 300116203574000 Project ID: P00550721MN Local Program – Local Roads and Bridges – Local Roads – Construction / Repair / Rehabilitation / Improvement of Various Infrastructure including Local Projects Construction of Road (including Bridge), Butay, Barangay Pichon, Caraga, Davao Oriental			Local Program – Local Roads and Bridges – Local Roads – Construction /Repair/ Rehabilitation/ Improvement of Various Infrastructure including Local Projects Construction of Road (including Bridge), Butay, Barangay Pichon, Caraga, Davao Oriental		
Type of Work/ Physical Target	Unit Cost	Allocation	Type of Work/ Physical Target	Unit Cost	Estimated Cost
CW1- Construction of Concrete Road/ 3.500 Lane Km	P 28,950,000.00 /Lane Km	P 101,325,000.00	CW1- Construction of Gravel Road 3.788 Lane Km	P 17,397,835.27 /Lane Km P 34.4 m/km	P 65,903,000.00
CW2- Construction of Concrete Bridge 238.50 sq.m.	P 101,153.04 /sq.m.	P 24,125,000.00	CW2- Construction of Concrete Bridge 429.30 sq.m.	P 138,707.20 /sq.m. 3.89 Lm	P 59,547,000.00
EAO	-	P 4,550,000.00	EAO		P 4,550,000.00
Total:		P130,000,000.00	Total:		P130,000,000.00

Justification:

Original work (construction of concrete road) was replaced with construction of gravel road (including change in physical target) due to:

- The road runs on a rolling terrain (common, rippable, and solid) which traverses ridge and cliff sections especially that said road is unopened;
- The road is very narrow with trail sections (width of 1-1.5m);
- Because of this, there is a need to open/downgrade the road especially along sections (about a cut ranging from 3-5m) and offset the horizontal alignment especially along sections on the approaches of the bridge (ranging from 30-35m) to conform with DPWH Design Guidelines and Standards (Horizontal and Vertical Alignment and Road Width).; and
- As such, the need for substantial amount for opening/improvement/gravelling. The major changes in the vertical and horizontal alignments require voluminous excavation. Road design requires side cuts of up to 46m including 162,845 cu.m. of excavation materials. With said earthworks requirement which require considerable cost, the allocation for the road could not cover the concreting of the road.

Increase in physical target for the construction of concrete bridge from 238.50 sq.m. to 429.30 sq.m. since as per design and actual site condition, the required exact length of the bridge to conform with standard design for 2 lane bridges is 451m (width=9.54m) instead of the anticipated 251m.

P00550721MN

With substantial cost for the bridge, since scope of work includes construction of abutment protection (rubble concrete with steel sheet piles) and provision of steel craneway for easy mobilization during construction.

Based on our evaluation, the submitted request for modification of the said project is in order; hence, approval hereof is recommended.


EUGENIO R. PIÑO, JR.

Undersecretary for Regional Operations in Mindanao

APPROVED/DISAPPROVED:


MARK A. VILLAR

Secretary

23 ECL/CA/AVS/ERP

Department of Public Works and Highways
Office of the Secretary



WIN1E02422