



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

Reference Number: **XI-006**
Project ID: **P00800100MN**

April 17, 2024

MEMORANDUM

FOR : **EUGENIO R. PIPO, JR.**
Undersecretary for Regional Operations
in CAR, Regions I, II, IX, X, XI, XII, and XIII
This Department

This refers to the memorandum dated 12 April 2024 of **DPWH Region XI Director JUBY B. CORDON**, requesting for the **modification** of the project under FY 2024 GAA, to wit;

As per GAA/Original			As Modified		
Project Description					
UACS No. 310201101340000 Project ID: P00800100MN					
OO1: Ensure Safe and Reliable National Road System – Network Development Program – Road Widening – Primary Roads			OO1: Ensure Safe and Reliable National Road System – Network Development Program – Road Widening – Primary Roads		
Digos-Makar Rd – K1589 + 1172 - K1590 + 280, K1590 + 340 - K1590 + 391			Digos-Makar Rd – K1589 + 1172 - K1590 + 132, K1590 + 194 – K1590 + 282, K1590 + 342 – K1590 + 393, K1590 + 432 – K1590 + 666		
Type of Work/ Physical Target	Unit Cost	Allocation	Type of Work/ Physical Target	Unit Cost	Estimated Cost
CW1- Road Widening / 0.772 lane-km	P 21,875,000.00 / lane-km	P 16,887,500.00	CW1- Road Widening / 0.952 lane-km	P 17,738,970.59 / lane-km P 35.4M/km.	P 16,887,500.00
ROW Acquisition / 3,860.000 sq.m.	P 2,200.00 / Sq.m.	P 8,492,000.00	ROW Acquisition / 3,860.000 sq.m.	P 2,200.00 / Sq.m.	P 8,492,000.00
EAO	–	P 920,500.00	EAO	–	P 920,500.00
Total:		P 26,300,000.00	Total:		P 26,300,000.00

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Website: <https://www.dpwh.gov.ph>
Tel. No(s): 5304-3000 / (02) 165-02

AG-10-202404-01250



Justification:

Modification in station limits from "K1589 + 1172 - K1590 + 280, K1590 + 340 - K1590 + 391" to "K1589 + 1172 - K1590 + 132, K1590 + 194 - K1590 + 282, K1590 + 342 - K1590 + 393, K1590 + 432 - K1590 + 666" due to the following:

- Modified original limits (2 sections) into three sections within the original limits to avoid sections along cliff sections which would require slope protection. This is also to exempt sections with existing slope protection structures such as concrete slope protection and retaining wall. Redesigning these slope protection will also entail further soil investigation and huge funding requirement;
- Inclusion of adjacent section (4th section) which also needs widening (K1590 + 432 - K1590 + 666); and
- See attached Straight Line Diagram (SLD).

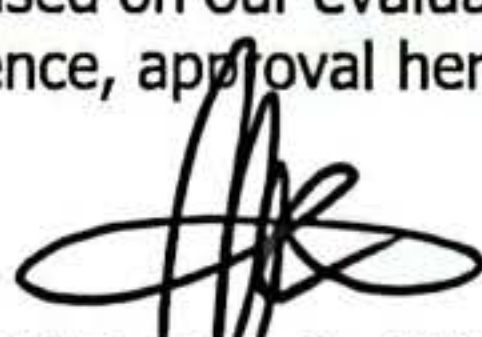
Increase in physical target for CW1-Road Widening from 0.772 lane km to 0.952 lane km due to the following:

- The road design does not involve slope protection and requires lesser earthworks (cut/fill) than initially considered to conform with the DPWH Design Guidelines and Standards (Horizontal and Vertical Alignment and Road Width), hence, lower unit cost, correspondingly, increase in physical target;
- Design for widening requires additional 2 lanes (2 into 4 lanes at K1589 + 1172 - K1590 + 052, K1590 + 342 - K1590 + 393, and K1590 + 432 - K1590 + 666) and additional 1 lane only at K1590 + 052 - K1590 + 132 and K1590 + 194 - K1590 + 282 with 300mm thk PCCP (3,188.92 sq.m.) / 14-day concrete which also includes 150mm thk PCCP for paving of shoulders (.60m wide, with an area of 571.150 sq.m.) and transition ramps (120.130 sq.m.);
- Project also includes construction of drainage and slope protection structure with 0.6m x 0.8m lined canal (324.9 ln.m.) and 0.6m x 1m lined canal (371.1 ln.m.); and
- Inclusion of miscellaneous structures with metal guardrails (metal beam) including post (285.75 ln.m.), metal beam end piece (bull nose, 8 pcs), warning signs (3 pcs), and reflectorized thermoplastic pavement markings (white, with an area of 139.74 sq.m.) for edge lines and lane separator.

Attached are the following supporting documents:

- Approved POW with DUPA;
- Approved DED;
- Geotagged Photos;
- GIS Map;
- Certificate of Availability of Fund (CAF); and
- FY 2024 Annual Infrastructure Program based on GAA

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

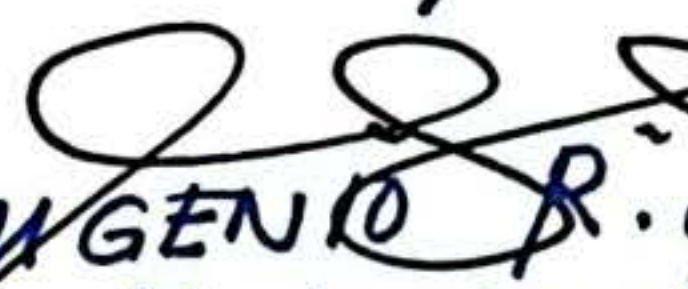

REY PETER B. GILLE, D.M.

Assistant Secretary for Regional Operations
in CAR, Regions I, II, IX, X, XI, XII, and XIII

RECOMMENDING APPROVAL:


MARIA CATALINA E. CABRAL, Ph.D., CESO I

Undersecretary for Planning and Public-Private Partnership Services

APPROVED/DISAPPROVED

EUGENIO R. PARDO, JR.
Undersecretary