



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

Reference Number: XI-120
Project ID: P00705594MN

April 27, 2023

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 24 April 2023 of **DPWH OIC-Region XI Director JUBY B. CORDON**, endorsing the request of **District Engineer NICOMEDES D. PARILLA, JR.**, Davao del Sur District Engineering Office, for the **modification** of the project under FY 2023 GAA, to wit:

As per GAA/Original			As Modified		
Project Description					
UACS No. 310201101121000 Project ID: P00705594MN					
OO1: Ensure Safe and Reliable National Road System			OO1: Ensure Safe and Reliable National Road System		
Network Development – Road Widening – Primary Roads			Network Development – Road Widening – Primary Roads		
Davao – Cotabato Rd (Davao City – Jct. Digos Sect) – K1535 + 347 – K1535 + 356, K1535 + 411 – K1535 + 430, K1535 + 443 – K1536 + 673, K1537 + 091 – K1537 + 761			Davao – Cotabato Rd (Davao City – Jct. Digos Sect) – K1535 + 347 – K1535 + 356, K1535 + 411 – K1535 + 430, K1535 + 443 – K1536 + 673, K1537 + 091 – K1537 + 761		
Type of Work/Physical Target	Unit Cost	Allocation	Type of Work/Physical Target	Unit Cost	Estimated Cost
CW-1 Road Widening: 3.868 lane km	P 23,696,388.31/ Lane km	P 91,657,630.00	CW-1 Road Widening: 2.696 lane km	P 23,140,812.31/ Lane km ₱ 46.2 M/km	P 62,387,630.00
			ROW Acquisition: 9,575.00 sq.m.	P 3,056.92/ Sq.m.	P 29,270,000.00
EAO	-	P 3,324,370.00	EAO	-	P 3,324,370.00
Total:		P 94,982,000.00	Total:		P 94,982,000.00

Justification:

Decrease in physical target for CW1 – Road Widening from 3.868 lane km to 2.696 lane km with substantial cost due to the following:

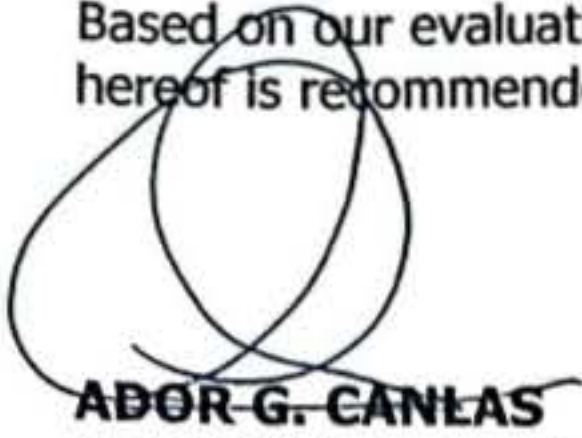
- NO change in limits but with decrease in physical target inasmuch as widening for most sections only involve one lane (5 into 6 lanes) per actual need instead of two lanes (4 into 6 lanes) for all sections as reflected in GAA. Proposal of this Region under FY 2023 Regional Budget Proposal (copy attached) is mostly one lane only and not 2 lanes;
- Decrease in physical target based on actual/design;
- The road design 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, with lower unit cost;
- Although with slight decrease in unit cost, project still has substantial cost since it includes construction of lateral cross drainage with pipe culverts using RCPC (910 mm dia) with a total length of 1,263 ln.m. with manholes and stone masonry with a total volume of 19.53 cu.m.; and
- The project design also includes construction of median/center island and other miscellaneous structures such as construction of sidewalk, curb and gutter, application of thermoplastic pavement markings, and installation of double-arm post with LED streetlights for the safety of the travelling public, which contributed to the substantial cost.

Additional ROW component/type of work due to:

- As per survey, there are structures and lands that will be affected by the project. Hence, the need for ROW payment for sold affected structures/improvement/land acquisition. The derived unit cost for ROW Acquisition is based on the current market values in the locality.

Attached are the following supporting documents: Approved Program of Work (POW) with Detailed Unit Price Analysis (DUPA), Approved Detailed Engineering Design (DED), Certificate of Reasonableness of Unit Cost, Certificate of Availability of Funds (CAF), Geotagged Photographs, GIS Map, and Annual Infrastructure Program (AIP) based on GAA.

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



ADOR G. CANLAS

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. PIRO, JR.

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