



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

Reference Number:	XI-113
Project ID:	P00705599MN

April 25, 2023

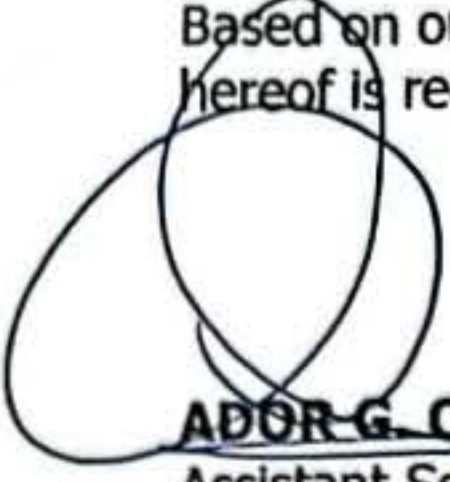
MEMORANDUM

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 17 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. 310201101124000 Project ID: P00705599MN					
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 (Jct Digos – Cotabato Sect) – K1592 + 293 – K1593 + 057			Davao – Cotabato Rd (Jct Digos – Cotabato Sect) – K1591 + 808 – K1591 + 880, K1592 + 028 – K1593 + 057		
Type of Work/Physical Target	Unit Cost	Allocation	Type of Work/Physical Target	Unit Cost	Estimated Cost
CW-1 Road Widening: 2.094 lane km	P 41,475,644.70/ Lane km	P 86,850,000.00	CW-1 Road Widening: 2.768 lane km	P 31,376,445.09/ Lane km <i>P 62.6M/k</i>	P 86,850,000.00
EAO	-	P 3,150,000.00	EAO	-	P 3,150,000.00
Total:		P 90,000,000.00	Total:		P 90,000,000.00
Justification:					
Modification in limits/additional section from "K1592+293 - K1593+057" to "K1591+808 - K1591+880, K1592+028 - K1593+057" due to:					
<ul style="list-style-type: none">There are only few portions of the road which required slope protection and the road design requires lesser earthworks (cut/fill) than initially considered, hence, lower unit cost. As such, include adjacent sections which also needs widening, hence, modification in station limits/additional limits.					
Increase in physical target for CW1-Road Widening from 2.094 lane km to 2.768 lane km still with substantial cost due to the following:					
<ul style="list-style-type: none">There are only few portions of the road which required slope protection than initially proposed, hence, lower unit cost and correspondingly, increase in physical target;Design of road for some portions require lesser earthworks (cut/fill) than initially considered, as such, decrease in unit cost;Although increase in target, project still with substantial cost since it includes individual removal of trees (119 pcs), removal of actual structures/ obstruction (PCCP and RCPC), removal of existing guardrails including post and road signs, surplus common excavation with a total volume of 9,966.76 cu. m., pipe culvert/drain excavation with a total volume of 7,760.23 cu. m., embankment from roadway/structure excavation with a total volume of 5,205.12 cu. m., and subgrade preparation (common material) with a total area of 14,647.35 sq. m. The project also includes construction of gravel surface course shoulder (2.50m both sides) and construction of lateral drainage using RCPC (910 mm dia.) with a total length of 1,407 lm, with manholes and grouted riprap for lined canal and slope protection structures with a total volume of 1,006.00 cu. m., and stone masonry for retaining wall (slope protection) and headwalls with a total volume of 2,200.07 cu. m.; andInclusion of other miscellaneous structures such as construction of median, sidewalk, curb and gutter, installation of metal guardrails including post, installation of hazard markers (chevron), application of reflectorized thermoplastic pavement markings, and installation of double-arm post with LED streetlights for the safety of the travelling public, which also contributed to its substantial cost.					
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

2.3 mksa/AVS/AGC/ERP