

OFFICE OF THE SECRETARY

Manila

May 08, 2023

MEMORANDUM

FOR : **MANUEL M. BONOAN**
Secretary
This Department

This refers to the memorandum dated May 4, 2023 of **DPWH Region XIII Director POL M. DELOS SANTOS, CESO IV**, endorsing the request of **District Engineer BEN ALDEN R. SERNA**, Agusan del Sur Second DEO, for the **modification** of the project under FY 2023 GAA, to wit;

As per GAA/Original			As Modified		
Project Description					
UACS No. 310104100509000 Project ID: P00706322MN OO1: Ensure Safe and Reliable National Road System – Asset Preservation - Rehabilitation/ Reconstruction/ Upgrading of Damaged Paved Roads- Primary Roads Daang Maharlika (Agusan-Davao Sect) - K1324 + 375 - K1324 + 898, K1325 + 098 - K1325 + 163, K1325 + 238 - K1326 + 818, K1327 + 345 - K1328 + 400, K1330 + 586 - K1330 + 669, K1330 + 802 - K1330 + 958, K1335 + 000 - K1335 + 300, K1336 + 700 - K1337 + 000, K1337 + 785 - K1338 + 146, K1348 + 896 - K1349 + 487, K1356 + 441 - K1356 + 790, K1356 + 805 - K1356 + 859, K1357 + 636 - K1357 + 759, K1357 + 800 - K1358 + 000			 OO1: Ensure Safe and Reliable National Road System – Asset Preservation - Rehabilitation/ Reconstruction/ Upgrading of Damaged Paved Roads- Primary Roads Daang Maharlika (Agusan-Davao Sect) - K1324 + 375 - K1324 + 898; K1325 + 098 - K1325 + 158, K1325 + 243 - K1326 + 300, K1327 + 345 - K1328 + 200, K1330 + 669 - K1330 + 953, K1333 + 960 - K1334 + 130, K1341 + 560 - K1341 + 638, K1341 + 800- K1341 + 840		
Type of Work/ Physical Target	Unit Cost	Allocation	Type of Work/ Physical Target	Unit Cost	Estimated Cost
CW1- Reconstruction to Concrete Pavement: 11.480 Lane Km	₱ 7,268,517.86/ Lane Km	₱ 83,442,585.00	CW1- Reconstruction to Concrete Pavement: 6.194 Lane Km	₱ 13,471,518.4/ Lane Km ₱ 26.8 M/km	₱ 83,442,585.00
EAO	-	₱ 3,026,415.00	EAO	-	₱ 3,026,415.00
Total:		₱ 86,469,000.00	Total:		₱ 86,469,000.00
Justification: The original unit cost of the project as reflected in GAA is 7,268,517.86 per lane km only which is less than the BOM Cost Estimates for Work Item of Projects specified for REGION XIII (Rehabilitation/Reconstruction) which has a standard unit cost of 24,564,876.8 per km. The allocated amount is insufficient to attain the reflected target length in GAA thus, reduce in physical target is opted to suffice the allocated appropriation.					

limits due to:

- Prioritize the distressed, deteriorated and shattered areas which need immediate action, based on Generated Visual Road Condition Data in the RBIA, to improve the rideability of our national road and ensure safety of the travelling motorists.

Decrease in the physical target/increase in the unit cost due to following:

- Removal of existing PCCP (BAD CONDITION) with a total carriageway width of 6.7 meters and a thickness of 280mm.
- Huge quantity for Surplus Common Excavation with a total volume of 3,921.87 cu.m equivalent to Php 952,112.28 was intended for the removal of existing subbase to be replaced with Cement Treated Base.
- Provision of Cement Treated Base (CTB) which involves Item 204(1)a - Portland Cement Stabilized Road Mix Course with 200mm thickness with an amount of Php 11,077,304.10 in order to provide a more stable support structure/foundation bed for the PCCP
- As per result of the Pavement Analysis the minimum thickness for this section is 30.03 cm, thus, introduction of 311(1)f1 - Portland Cement Concrete Pavement (Unreinforced), 0.300 m. thick is needed as per design criteria analysis.
- Reconstruction of Concrete Road with a width of 6.7 meters and thickness of 280mm amounting to Php 24,962,703.22(36.92%) of the direct cost.
- Inclusion of Macro Synthetic Fiber used as additive to PCCP as per D.O 29 series of 2019 & Memorandum dated December 28, 2021.
- The change in the project limits was made to synchronize with the decrease in the physical target.
- The derived unit cost is based on approved Detailed Unit Price Analysis (DUPA) and Program of Works

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


ADOR G. CANLAS

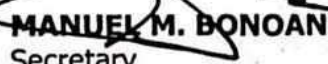
Assistant Secretary for Regional Operations
in CAR, Regions I, II, IX, X, XI, XII and XIII

RECOMMENDING APPROVAL:
EUGENIO R. PIPO, JR.

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


MARIA CATALINA E. CABRAL, Ph.D., CE

Undersecretary for Planning and
Public-Private Partnership Services

APPROVED/DISAPPROVED:
MANUEL M. BONOAN
Secretary

2.3 LDAM/AVS/AGC/ERP

Department of Public Works and Highways
Office of the Secretary



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