



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

Reference Number: **XIII-018**
Project ID: **P00801251MN**

April 26, 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 XIII Director POL M. DELOS SANTOS** requesting for the approval of Modification of the hereunder project under FY 2024 General Appropriations Act (GAA), to wit;

As per GAA/Original			As Modified		
Project Description					
UACS No. 310104100705000 ✓ Project ID: P00801251MN ✓ OO1: Ensure Safe and Reliable National Road System - Asset Preservation - Rehabilitation/ Reconstruction/ Upgrading of Damaged Paved Roads - Primary Roads ✓ Daang Maharlika (Agusan-Davao Sect) - K1304 + (-404) - K1304 + (-200); K1312 + 690~ K1313 + 783; K1314 + 406 - K1314 + 501, K1314 + 525 - K1314 + 930; K1315 + 012 - K1315 + 085, K1316 + 000 - K1316 + 550, K1316 + 573 - K1317 + 629, K1320 + 439 - K1320 + 544, K1320 + 566 - K1320 + 666			OO1: Ensure Safe and Reliable National Road System - Asset Preservation - Rehabilitation/ Reconstruction/ Upgrading of Damaged Paved Roads - Primary Roads Daang Maharlika (Agusan-Davao Sect) - K1304 + (-404) - K1304 + (-200), K1312 + 690~ K1313 + 783, K1314 + 406 - K1314 + 501, K1314 + 525 - K1314 + 930, K1315 + 012 - K1315 + 085, K1316 + 000 - K1316 + 550, K1316 + 573 - K1317 + 629, K1320 + 439~ K1320 + 544, K1320 + 566 - K1320 + 666		
Type of Work/ Physical Target	Unit Cost	Allocation	Type of Work/ Physical Target	Unit Cost	Estimated Cost
CW1- Rehabilitation of Paved Road/ 7.362 Lane Km	P35,865,702.25/ Lane Km	P 264,043,300.00	CW1- Rehabilitation of Paved Road/ 8.730 Lane Km	P23,017,958.19/ Lane Km <i>46 M/km</i>	P200,946,775.00
			CW2 - Construction of Road Slope Protection/ 4,731.750 Sq.M.	P13,334.71/ Sq. M.	P63,096,525.00
EAO	-	P 9,576,700.00	EAO	-	P 9,576,700.00
Total:		P273,620,000.00	Total:		P273,620,000.00

Justification:

- Increase in physical target for CW1-Rehabilitation of Paved Road from 7.632 lane km to 8.730 lane km due to the following:
 - Design for rehabilitation / reconstruction with varying no. of lanes involves concrete paving blocks (3,367.48 sq.m.) and cast in place, concrete curb (5,818.00 ln.m.);
 - Construction of Drainage involves concrete Catch Basin with different sizes using 910 mm dia, 1220 mm dia. Class II RCPC for a total length of 885 lineal meters with concrete manholes of 1220 mm dia.
 - In addition, scope of work also includes the following:(a) construction of single-barrel (3m x 3m) reinforced concrete box culvert (RCBC), in order to mitigate high volume of run-off water crossing the road which is one of the main causes of scouring in the project location.
 - The project includes of miscellaneous structures such as metal guardrails, metal beam end piece, concrete curb and application of reflectorized thermoplastic pavement markings for safety purposes.

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- Additional type of work (CW2: Construction of Road Slope Protection Structures) due to the following:
 - The road project requires the construction of slope protection structure (concrete slope protection with sheet pile = 4,380.00 l.m.) and grouted riprap in some sections (978.47 cu.m.), in order to protect the road from settlement, slips and erosion.
- The derived unit cost is based on the approved Program of Works (POW) and Detailed Unit Price Analysis (DUPA).
- Attached are the following supporting documents: Approved Program of Works (POW), Approved Plan, BP Form 202, Certificate of Availability of Funds (CAF), Certificate of Reasonableness of Cost Estimate, Geotagged Photos, and GIS Map of the Proposed Project Work Location.

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. PIPO, JR.

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