



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

Reference Number: XIII-011  
 Project ID: P00801255MN

April 23, 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					
<b>UACS No. 310104100710000.</b> <b>Project ID: P00801255MN.</b>  OO1: Ensure Safe and Reliable National Road System Asset Preservation - Rehabilitation/ Reconstruction/ Upgrading of Damaged Paved Roads- Primary Roads  Daang Maharlika (Agusan-Davao Sect) - K1356 + 790 - K1356 + 805, K1356 + 859 - K1357 + 636, K1357 + 759 - K1357 + 800, <b>K1358 + 000 - K1358 + 500</b> , K1359 + 000, - K1360 + 519, K1366 + 000 - K1367 + 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) - K1356 + 790 - K1356 + 805, K1356 + 859 - K1357 + 636, K1357 + 759 - K1357 + 800, K1359 + 000 - K1360 + 519, K1366 + 000 - K1367 + 000 .		
Type of Work/ Physical Target	Unit Cost	Allocation	Type of Work/ Physical Target	Unit Cost	Estimated Cost
CW1- Rehabilitation of Paved Road 7.704 Lane Km	₱28,950,000.00/ Lane Km	₱ 223,030,800.00	CW1- Rehabilitation of Paved Road 10.426 Lane Km	<b>₱21,391,789.76/ Lane Km</b> <b>₱ 42.6M/km</b>	₱ 223,030,800.00
EAO	-	₱ 8,089,200.00	EAO	-	₱ 8,089,200.00
		<b>Total: ₱ 231,120,000.00</b>			<b>Total: ₱ 231,120,000.00</b>

**Justification:**

Modification in station limits from "K1356 + 790 - K1356 + 805, K1356 + 859 - K1357 + 636, K1357 + 759 - K1357 + 800, K1358 + 000 - K1358 + 500, K1359 + 000 - K1360 + 519, K1366 + 000 - K1367 + 000" to "K1356 + 790 - K1356 + 805, K1356 + 859 - K1357 + 636, K1357 + 759 - K1357 + 800, K1359 + 000 - K1360 + 519, K1366 + 000 - K1367 + 000" due to the following:

- Modified limits / deleted fourth section (K1358 + 000 - K1358 + 500) since this section is still in good condition inasmuch as the road is newly rehabilitated / reconstructed funded under FY 2023 GAA. See attached straight line diagram

Increase in physical target for CW1-Rehabilitation of Paved Road from 7.704 lane km to 10.426 lane km but with substantial cost due to the following:

- The road design (on-grade for some sections) requires lesser earthworks (cut / fill) than initially proposed to conform with the DPWH Design Guidelines and Standards (Horizontal and Vertical Alignment and Road Width), as such, decrease in unit cost;
- With the said decrease in unit cost, allocation could cover varying lanes (2 lanes-792 ln.m. & 4 lanes-2,256 ln.m.) of rehabilitation / reconstruction instead of the initially proposed rehabilitation / reconstruction of 2 lanes only (3,852 ln.m.) to cover sections with dilapidated road surface due to its current condition and to address road safety to the travelling public;
- Design for rehabilitation / reconstruction with varying lanes (300mm thk, 3.5m wide) involves construction of median 2,083 ln.m.) with concrete paving blocks (2,349.46 sq.m.) and concrete curb (cast in place, 4,108.40 ln.m.);

*Q*

- Project also involves drainage and slope protection structures with RCBC (one-barrel 3m x 3m), pipe culverts of different sizes (Class II, 910mm dia & 1220mm dia), cleaning of existing clogged pipe culvert (half-silted, 910mm dia. & 1220mm dia.), grouted riprap (Class A) for inlet / outlet protection, stone masonry as slope protection, and hand-laid rock embankment for RCBC; and
- Inclusion of miscellaneous structures with metal guardrail (metal beam) including post, metal beam end piece, warning and regulatory signs, hazard markers (chevron), reflectorized thermoplastic pavement markings (white).

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, Straight Line Diagram, 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.



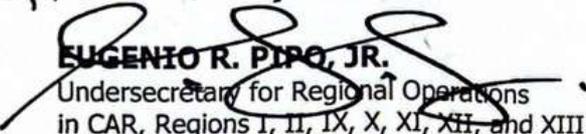
**REY PETER B. GILLE, D.M.**  
Assistant Secretary for Regional Operations  
in CAR, Regions I, II, IX, X, XI, XII, and XIII

**RECOMMENDING APPROVAL:**



**MARIA CATALINA E. CABRAL, Ph.D., CESO I**  
Undersecretary for Planning  
and Public-Private Partnership Services

**APPROVED**



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

2.3 mksa/AVS/RPBG/ERP