



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

Reference Number: **XIII-010**  
Project ID: **P00801247MN**

April 25, 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			Project Description		
<b>UACS No 310104100701000</b> <b>Project ID: P00801247MN</b>					
OO1: Ensure Safe and Reliable National Road System Asset Preservation - Rehabilitation/ Reconstruction/ Upgrading of Damaged Paved Roads- Primary Roads			OO1: Ensure Safe and Reliable National Road System Asset Preservation - Rehabilitation/ Reconstruction/ Upgrading of Damaged Paved Roads- Primary Roads		
Daang Maharlika (Agusan-Davao Sect) - K1243 + 000 - K1246 + 000			Daang Maharlika (Agusan-Davao Sect) - <b>K1243 + 800 - K1244+670, K1244+690</b> - K1246+000		
Type of Work/ Physical Target	Unit Cost	Allocation	Type of Work/ Physical Target	Unit Cost	Estimated Cost
CW1- Rehabilitation of Paved Road 6.014 Lane Km	₱24,100,770.70/ Lane Km	₱ 144,942,035.00	CW1- Rehabilitation of Paved Road 8.748 Lane Km	₱16,568,591.11/ Lane Km <b>₱33.04/k</b>	₱ 144,942,035.00
EAO	-	5,256,965.00	EAO	-	₱ 5,256,965.00
Total:		₱ 150,199,000.00	Total:		150,199,000.00

**Justification:**

Modification in station limits from "K1243 + 000 - K1246 + 000" to "**K1243 + 800 - K1244+670, K1244+690** - K1246+000" due to the following:

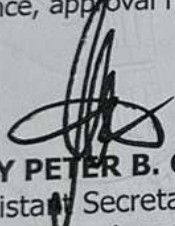
- To connect with the project under FY 2024 GAA (Project ID: P00833091MN), with station limits: K1241+ (-321) - K1241+510, K1242+025-K1243+800, with the same scope of work in the same road network. See attached straight line diagram.
- Increased in length of physical target due to;
  - The road design requires lesser earthworks (cut/fill) than initially considered to conform to the DPWH Design Guidelines and Standards (Horizontal and Vertical Alignment and Road Width), hence, with lower unit cost.
  - The drainage structures was originally designed as RCBC but later redesigned as RCPC since it is enough to direct the flow of the run-off water based on the hydraulic analysis.
  - Lower hauling cost since quarry sites for sub-base course and embankment materials is only 20.00 km. away from the project site.

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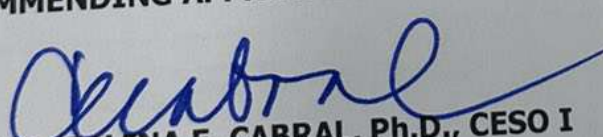


- The Project involves cleaning of existing silted pipe culverts and construction of drainage structures with pipe culverts (RCPC) of different sizes (610mm = 26.00, 910mm = 29.0m, 1220mm = 13.0m)
- It also includes of other miscellaneous structures such as removal of existing PCCP (230mm) and existing concrete shoulder (150mm), removal of trees, concrete paving blocks (2,403.29 sq.m.), cast in place concrete curb (4,143.60 In.m.), installation of metal guardrails including post and an application of reflectorized thermoplastic pavement markings for road safety features.
- 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, Straight Line Diagram, and GIS Map of the Proposed Project Work Location.

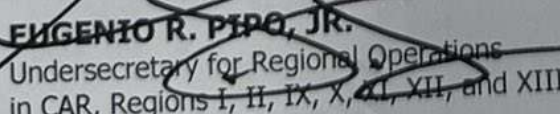
Based on our evaluation, the submitted request for modification of the said project is in order; hence, approval hereof is recommended.

  
**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