



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

Reference Number:	XI-047
Project ID:	P00706149MN

March 22, 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 15 March 2023 of DPWH Region XI Director REY PETER B. GILLE, DM, endorsing the request of District Engineer JANE D. CAINGHOG Davao Oriental 2nd District Engineering Office, for the approval of Modification of the hereunder project under FY 2023 General Appropriations Act (GAA), to wit:

As per GAA/Original			As Modified		
Project Description					
UACS No.: 310103101355000 Project ID: P00706149MN					
OO1: Ensure Safe and Reliable National Road System			OO1: Ensure Safe and Reliable National Road System		
Asset Preservation – Preventive Maintenance - Tertiary Roads			Asset Preservation – Preventive Maintenance - Tertiary Roads		
Tibanban-Lavigan Rd - K1773 + (-754) - K1773 + (-608)			Tibanban-Lavigan Rd - K1813 + 361 - K1814 + 160		
Type of Work/Physical Target	Unit Cost	Allocation	Type of Work/Physical Target	Unit Cost	Estimated Cost
CW – 1 Preventive Maintenance of Road: Asphalt Overlay 0.584 Lane Km	P 16,780,821.92 / Lane Km	P 9,800,000.00	CW – 1 Preventive Maintenance of Road: Asphalt Overlay 0.882 Lane Km	P 10,277,851.47 / Lane Km <i>P 20 m/k</i>	P 9,065,065.00
			CW – 2 Preventive Maintenance of Road: Concrete Reblocking 0.0325 Lane Km	P 22,613,384.62 / Lane Km <i>P 45.2 m/k</i>	P 734,935.00
EAO	-	P 200,000.00	EAO	-	P 200,000.00
Total:		P 10,000,000.00	Total:		P 10,000,000.00

Justification:

Modification in station limits due to the following:

- Deleted original limits since it is already included in FY 2022 Project (Preventive Maintenance: Asphalt Overlay) due to extension of limits per Variation Order, hence, covered the beginning section of the road; and
- Revised limits (K1813 + 361 - K1814 + 160) are priority sections along the road which is in poor to bad road condition and with urgent need for asphalt overlay and concrete reblocking for safety purposes.

Increase in physical target for CW1-Preventive Maintenance: Asphalt Overlay from 0.584 Lane km to 0.882 Lane km with substantial cost due to the following:

- Design for asphalt overlay is 50mm only (based on design requirement) instead of the initial proposal of 80mm. Hence, decrease in unit cost, correspondingly, increase in physical target;
- Inclusion of other miscellaneous structures such as application of reflectorized thermoplastic pavement markings and installation of single arm post with street light to provide adequate lighting along the road; and
- Higher hauling cost since quarry site for item 310 (a.3) Bituminous Concrete Surface Course is located 212 kms from the project site.

Additional CW2-Preventive Maintenance of Road: Concrete Reblocking with substantial cost due to the following:

- The road project has urgent need for concrete reblocking at intermittent sections from K1813+382.75 to K1814+160 due to presence of longitudinal cracks and shattered slabs as per actual road condition, hence, with additional component;
- There is a need to prioritize the repair of existing damaged RCBC (Single Barrel, 3m x 3m) at K1813+361 – K1813+366 which already caused road closure at said section, giving inconvenience and posing danger to the end users, hence, with substantial cost for concrete reblocking; and
- Also, project includes gravelling of shoulder to avoid uneven gradeline for road safety purposes.

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

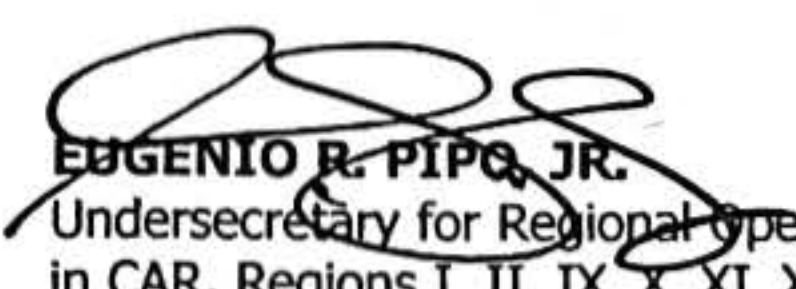
RECOMMENDING APPROVAL:



MARIA CATALINA E. CABRAL, Ph.D., CESO I

Undersecretary for Planning and Public-Private Partnership Services

APPROVED/~~DISAPPROVED~~:



EUGENIO R. PIPO, JR.

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

2.3 mksa/AVS/AGC/ERP