

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



April 24, 2024

MEMORANDUM

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

This refers to the memorandum dated 12 April 2024 of **DPWH Region IX Director CAYAMOMBAO D. DIA, CESO III** endorsing the request of **OIC- Office of the District Engineer HECTOR S. MAGAWAY, Zamboanga Sibugay 1st District Engineering Office**, 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. 310103101435000 Project ID: P00802711MN		OO1: Ensure Safe and Reliable National Road System - Asset Preservation - Preventive Maintenance - Tertiary Roads Jct Imelda-Alicia Road, Zamboanga Sibugay (S01114MN) K1750 + (-135) - K1769 + 686			
OO1: Ensure Safe and Reliable National Road System - Asset Preservation - Preventive Maintenance - Tertiary Roads Jct Imelda-Alicia Road, Zamboanga Sibugay (S01114MN) K1751 + 756 – K1751 + 847, K1753 + 424 – K1754 + 016, K1756 + 537.50 – K1756 + 788.50, K1762 + 000 – K1762 + 363.50, K1762 + 400.50 – K1764 + 198.50		OO1: Ensure Safe and Reliable National Road System - Asset Preservation - Preventive Maintenance - Tertiary Roads Jct Imelda-Alicia Road, Zamboanga Sibugay (S01114MN) K1751 + 756 – K1751 + 847, K1753 + 424 – K1754 + 016, K1756 + 537.50 – K1756 + 788.50, K1762 + 000 – K1762 + 363.50, K1762 + 400.50 – K1764 + 198.50			
Type of Work/ Physical Target	Unit Cost	Allocation	Type of Work/ Physical Target	Unit Cost	Estimated Cost
CW1- Preventive Maintenance of Road: Asphalt Overlay/ 37.700/ Lane Km	₱3,839,522.55/ Lane Km	₱144,750,000.00	CW1- Preventive Maintenance of Road: Asphalt Overlay/ 8.740/ Lane Km	₱13,583,474.83/ Lane Km ₱27.0 M/km	₱118,719,570.00
			CW2 - Preventive Maintenance of Road: Concrete Reblocking/ 2.513/ Lane Km	₱10,358,308.79/ Lane Km ₱20.6 M/km	₱26,030,430.00
EAO	-	₱ 5,250,000.00	EAO	-	₱ 5,250,000.00
Total:		₱150,000,000.00	Total:		₱ 150,000,000.00

Justification:

- Decrease in the physical target/ increase in the unit cost of CW1 is due to the following reasons;
- Usage of 100 mm thickness of asphalt overlay (2-layer of 50 mm thick);
- Inclusion of thermoplastic pavement markings.

AP-10-002405-0005

- The inclusion of concrete reblocking is necessary to address the deteriorating condition of concrete pavement due to base failure. As a result, it increased the unit cost and decreased the physical target.
- Change in the project stationing to synchronize with the decrease in the physical target and to prioritize the road segment that is in poor and bad condition, please see attached straight line diagram showing the road condition and the original versus the new station limits.
- In the original program, the overlaying of asphalt in the carriageway comprises 96.50% of the total project cost amounting to P144,750,000.00. However, there is a need of asphalt overlay on concrete shoulder to achieve homogeneity of the road, with the end in view of keeping the road safe for travelers and motorists alike. With this, the percent weight of the carriageway asphalt overlay was reduced to 52.84% of the total project cost. On the other hand, the overlaying of asphalt in the concrete shoulder weigh 20.83% of the total project cost.
- Another factor which contributed to the decrease of physical target and increase in unit cost is the usage of Construction Materials Price Data (CMPD) for the 4th quarter of CY 2023.
- The derived unit cost is based on the approved Program of Works (POW) and Detailed Unit Price Analysis (DUPA) consistent with design and plans standard of the Department.
- The unit cost has been evaluated and reviewed by the Bureau of Construction. See attached evaluation dated April 23, 2024.

Based on our evaluation, the submitted request for project modification is in order, hence, it is respectfully recommended to the Secretary for his consideration and approval.


REY PETER B. GILLE
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 PPP Services


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

APPROVED/~~DISAPPROVED~~:


MANUEL M. BONOAN
Secretary

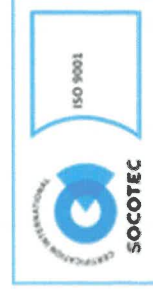
2.3 aap/AVS/RPBG/ERP

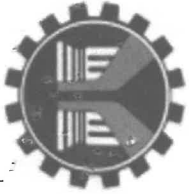
Department of Public Works and Highways
Office of the Secretary



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2.3 aap/AVS/RPBG/ERP