



DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
OFFICE OF THE SECRETARY
Manila



August 01, 2024

MEMORANDUM

FOR : **MANUEL M. BONOAN**
Secretary


This refers to the memorandum dated 18 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. 300214101341000 Project ID: P00833161MN Convergence and Special Support Program – Special Road Fund – Motor Vehicle Users Charge (MVUC) as per R.A. 11239 Installation/Application/Construction of Signage-Warning, Advisory and Regulatory Signs, Pavement Markings, and Median Island along Daang Maharlika (Agusan-Davao Sect) (S00439MN) - K1310 + 100 - K1311 + 100, Barangay San Isidro, San Francisco, Agusan del Sur,			Convergence and Special Support Program – Special Road Fund – Motor Vehicle Users Charge (MVUC) as per R.A. 11239 Installation/Application/Construction of Signage-Warning, Advisory and Regulatory Signs, Pavement Markings, and Median Island along Daang Maharlika (Agusan-Davao Sect) (S00439MN) - K1310 + 100 - K1311 + 100, Barangay San Isidro, San Francisco, Agusan del Sur ,		
Type of Work/ Physical Target	Unit Cost	Allocation	Type of Work/ Physical Target	Unit Cost	Estimated Cost
CW1 - Road Safety: Pavement Markings/ 1,000 Lineal Meters	₱3,802.4/ Lineal Meters	₱ 3,802,400.00	CW1- Road Safety: Road Signs/ 24 No. of Signs,	₱35,343.13/ No. of Signs	₱ 848,235.00
			CW2- Off-Carriageway Improvement: Construction of Median/Center Island/ 494.27 Square Meters /	₱5,859.075/ Square Meters	₱ 2,895,965.00
EAO	–	₱ 77,600.00	EAO	–	₱ 135,800.00
Total:		₱ 3,880,000.00	Total:		₱ 3,880,000.00
Justification:					
<ul style="list-style-type: none">Changing the scope of works from of CW1: "Road Safety: Pavement Markings" to "Road Safety: Road Signs" to ensure road safety due to:<ul style="list-style-type: none">➢ The pavement markings is less than 10 percent of the total direct cost of the project. The project still has pavement markings.➢ Road signs are necessary to provide information to motorists for guidance and directions.The CW1 - Road Safety: Road Signs has a substantial unit cost due to the following:<ul style="list-style-type: none">○ Earthworks Includes the removal of existing road signs (16 pcs).○ Miscellaneous Structure represents 15.51% of the direct cost, covering warning signs (12 pcs – 600mmx600mm, Pedestrian and School Signs Crossing Ahead), regulatory signs (12 pcs – 600mm, R6-8B Miscellaneous Signs Pedestrian Crossing), and thermoplastic pavement markings essential for enhancing road safety features.					

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- Inclusion of CW2 – Off-carriageway Improvement: Construction of Median/Center Islands to provide safety benefits for road users, serving as refuge Islands for pedestrians and separators for opposing traffic, particularly in this section with a four-lane carriageway.
- The project is located in San Francisco, Agusan del Sur, where an existing median is present. Extending this center island with an additional median is essential to reduce opposing traffic speeds and ensure proper traffic direction.
- The CW2: Off-carriageway Improvement: Construction of Median/Center Islands has a substantial unit cost due to the following:
 - Material Details accounts for 29.88% of the total direct cost, primarily due to the substantial requirement for concrete paving blocks needed for constructing the median/center island.
 - Miscellaneous Structures contributes 42.87% of the project cost, with a significant portion allocated to concrete curbs (cast in place).
- Change the EAO component since it is the Regional Office which will implement the project, in accordance to the D.O. 80, Series of 2023.
- The unit costs were derived base on the approved Program of Works (POW) and Detailed Unit Price Analysis (DUPA) and Detailed Engineering Design (DED) Plan.
- The unit cost also has been evaluated and reviewed by the Bureau of Construction (BOC). See attached evaluation dated July 31, 2024.

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



EUGENIO R. PIPO, JR.

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

APPROVED/~~DISAPPROVED~~:


MANUEL M. BONOAN
Secretary

Department of Public Works and Highways
Office of the Secretary


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