



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



July 5, 2024

MEMORANDUM

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

This refers to the memorandum dated 29 April 2024 of **DPWH Region X Director ZENAIDA T. TAN**, requesting for the approval of the Modification of the hereunder project covered by FY 2024 General Appropriations Act (GAA), to wit;

As per GAA/Original			As Modified		
Project Description					
UACS No. 300215104063000. Project ID: P00834888MN. Convergence and Special Support Program Sustainable Infrastructure Projects Alleviating Gaps (SIPAG) - Access Roads and/or Bridges from the National Road/s leading to Major/ Strategic Public Buildings/ Facilities . Construction of Jct. Sayre Highway (Jct. Bukidnon-Davao City Rd.- Cotabato Bdry) to Jct Sayre Highway Lourdes-Mc Arthur Road-Brgy. Kitaihon Road, Dangcagan, Bukidnon .			Convergence and Special Support Program Sustainable Infrastructure Projects Alleviating Gaps (SIPAG) - Access Roads and/or Bridges from the National Road/s leading to Major/ Strategic Public Buildings/ Facilities . Construction of Jct. Sayre Highway (Jct. Bukidnon-Davao City Rd.- Cotabato Bdry) to Jct Sayre Highway Lourdes-Mc Arthur Road-Brgy. Kitaihon Road, Dangcagan, Bukidnon .		
Type of Work/ Physical Target	Unit Cost	Allocation	Type of Work/ Physical Target	Unit Cost	Estimated Cost
CW1- Construction of Concrete Road/- 6.20 Lane Km .	₱12,295,967.742/ Lane Km	₱ 76,235,000.00	CW1- Construction of Concrete Road/ 4.00 Lane Km	₱17,037,043.62/ Lane Km <i>₱ 34 M/km.</i>	68,148,174.47
			CW2 - Construction of Road Slope Protection Structure/ 1,680.00 Square Meter	₱ 4,813.587/Square Meter	₱ 8,086,825.53
EAO	-	₱ 2,765,000.00	EAO	-	₱ 2,765,000.00
Total:		₱ 79,000,000.00	Total:		₱ 79,000,000.00

Justification:

- The decrease in the physical target/increase in the unit cost was undertaken due to the construction of a 2-lane concrete road with 280mm thickness having substantial volume of roadway excavation and embankment resulted from standard roadway side cuts and vertical alignment compliant with the DPWH Design Guidelines Criteria and Standards (DGCS) and in accordance with the Minimum Design Standards for Industry Roads. Other road safety measures are also taken into consideration.
- This project includes the necessary work items such as clearing and grubbing, removal of trees, surplus common excavation, structure excavation, foundation fill, pipe culvert and drain excavation, embankment, and subgrade preparation, which constitutes 7.67% of the total project cost.
- It includes the provision of subbase course prior to the road concreting which constitutes 20.83% of the total project cost.
- It also includes the construction of reinforced concrete box culverts and concrete pipe culverts as provision for drainage structure constituting 3.57% of the ABC, as well as miscellaneous structures such as Seedlings/Saplings and ReflectORIZED Thermoplastic Pavement Markings constituting 1.16% of the total project cost.
- The inclusion of CW2 – Construction of Road Slope Protection Structure was deemed necessary to provide stability on road sections with soil embankment constituting 10.61% of the total project cost.
- The derived unit cost is based on the approved Program of Works (POW) and Detailed Unit Price Analysis (DUPA).
- See attached Certificate of Reasonableness of Cost Estimate signed and approved by the Regional Director.

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

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. PIHO, 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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