

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



July 17, 2024

MEMORANDUM

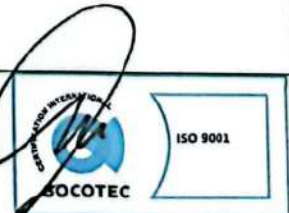
FOR : **MANUEL M. BONOAN**
Secretary
This Department

This refers to the memorandum dated 28 May 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. 300203102801000 - Project ID: P00830264MN - Convergence and Special Support Program Construction/ Improvement of Access Roads leading to Declared Tourism Destinations (Tourism Road Infrastructure Program - TRIP) - Access Road leading to Kipilas Falls with Bridge, Kitaotao, Bukidnon (Package 2) .			Convergence and Special Support Program Construction/ Improvement of Access Roads leading to Declared Tourism Destinations (Tourism Road Infrastructure Program - TRIP) . Access Road leading to Kipilas Falls with Bridge, Kitaotao, Bukidnon (Package 2) .		
Type of Work/ Physical Target	Unit Cost	Allocation	Type of Work/ Physical Target	Unit Cost	Estimated Cost
CW1- Construction of Concrete Road/ 2.50 Lane Km .	P27,440,000.00/ Lane Km .	P 68,600,000.00	CW1- Construction of Gravel Road/ 5.287 Lane Km .	P12,776,621.90/ Lane Km . <i>φ 25.4 M/Km.</i>	P 67,550,000.00
CW2- Construction of Bridge/ 238.500 Square meters	P123,270.44/ Square meter .	P 29,400,000.00	CW2- Construction of Bridge/ 1,049.40 Square meters	P27,587.19/ Square meter .	P 28,950,000.00
EAO	-	P 2,000,000.00	EAO	-	P 3,500,000.00
Total:		P 100,000,000.00	Total:		P100,000,000.00
Justification:					
<ul style="list-style-type: none"> The change in the type of work from Concrete to Gravel road was deemed necessary to continue the road opening project started by Bukidnon 2nd DEO in CY 2023 (P00733556MN). The project requires high volume of roadway excavation and embankment constituting 59.44% of the total project cost. This is the result of the incorporation of standard roadway side cuts and the adjustment of vertical alignment to attain the maximum gradient of 12% on cut sections in compliance with the DPWH Design Guidelines, Criteria and Standards (DGCS). 					

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AG-EO-202407-02861

- The increase in the physical target/decrease in the unit cost of CW2 was made to prioritize the provision of bridge, in order for the local residents to cross the river and improve their accessibility. However, the funds cover only the partial construction of the concrete bridge. It covers the necessary substructures for Abutment A, utilizing steel H-piles (furnished, L=30m) for its foundation. This constitutes 13.16% of the total estimated bridge cost (P 220,000,000.00).
- 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. PIRO, 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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