



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



August 01, 2024

**MEMORANDUM**

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

This refers to the memorandum dated 3 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					
<b>UACS No. 310201101367000</b> <b>Project ID: P00800163MN</b>  OO1: Ensure Safe and Reliable National Road System Network Development – Road Widening – Primary Roads  Maharlika (Surigao-Agusan Sect) (S00339MN) - K1153 + 200 - K1153 + 595, K1153 + 609.48 - K1155 + 782, K1155 + 807.70 - K1157 + 163, K1157 + 179.49 - K1157 + 767, K1157 + 793 - K1158 + 222, K1158 + 229 - K1158 + 543, K1158 + 583.02 - K1160 + 500			OO1: Ensure Safe and Reliable National Road System Network Development – Road Widening – Primary Roads  Daang Maharlika (Surigao-Agusan Sect) K1153+200 - K1153+580, K1153+640 - K1153+780, K1153+920 - K1155+780, K1155+820 - K1156+820.		
Type of Work/ Physical Target	Unit Cost	Allocation	Type of Work/ Physical Target	Unit Cost	Estimated Cost
CW1- Road Widening 14.369 Lane Km	₱ 12,760,108.57 / Lane Km	₱ 183,350,000.00	CW1- Road Widening 6.760 Lane Km	₱ 27,122,781.07 / Lane Km <i>₱ 54 M/Km</i>	₱ 183,350,000.00
ROW 55,530.031 Square Meters	173.779842	₱ 9,650,000.00	ROW 55,530.031 Square Meters	173.779842	₱ 9,650,000.00
EAO	-	₱ 7,000,000.00	EAO	-	₱ 7,000,000.00
Total:		₱ 200,000,000.00	Total:		₱ 200,000,000.00
<b>Justification:</b> <i>See Memo of Sec dated June 5, 2024 on POWA</i> <ul style="list-style-type: none"><li>Increased in unit Cost/Decreased in physical target by 7.610 Lane km (from 14.369 lane km to 6.760 lane km) due to high unit cost per lane km that is attributed to the earthworks requirement of the project (widening of existing road from 4 lane to 6 lane and bikelane, removal of existing structure, unsuitable excavation and boulder fill) as reflected in the summary of quantities of the plan.</li><li>Earthworks covers 22.81% of the total direct cost where Embankment from roadway excavation (Common Soil) and Boulder Fill contributes 8.26% and 6.72%, respectively. There are some sections situated beside the rice field area that need Boulder Fill.</li><li>The project includes drainage and slope protection structures consisting of extension of Box Culvert and Pipe Culvert. Miscellaneous structures consist guardrails and thermoplastic pavement for road safety features.</li><li>The derived unit cost is based on the approved Program of Works (POW) and Detailed Unit Price Analysis (DUPA).</li><li>Attached are the following supporting documents: Approved Program of Works (POW), Approved Plan, BP Form 202, Certificate of Availability of Funds (CAF), Certificate of Reasonableness of Cost Estimate, Geotagged Photos, Straight Line Diagram, and GIS Map of the Proposed Project Work Location.</li><li>The unit cost also has been evaluated and reviewed by the Bureau of Construction (BOC). See attached evaluation dated July 31, 2024.</li></ul>					



**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. RIPO, 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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