



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



April 11, 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					
UACS No. 310201101368000 Project ID: P00800223MN OO1: Ensure Safe and Reliable National Road System Network Development - Road Widening - Primary Roads Daang Maharlika (Surigao-Agusan Sect) - K1168 + (-823) - K1168 + 009, K1168 + 368 - K1169 + 000, K1171 + 000 - K1174 + 701, K1175 + 133 - K1175 + 240, K1175 + 270 - K1175 + 642			OO1: Ensure Safe and Reliable National Road System Network Development - Road Widening - Primary Roads Daang Maharlika (Surigao-Agusan Sect) - K1168 + (-823) - K1168 + (-036.09), K1168 + 380 - K1169 + 006.33, K1171 + 000 - K1171 + 640, K1171 + 860 - K1172 + 120, K1172 + 480 - K1172 + 625		
Type of Work/ Physical Target	Unit Cost	Allocation	Type of Work/ Physical Target	Unit Cost	Estimated Cost
CW1- Road Widening 11.284 Lane Km	₱ 18,524,852.89/ Lane Km	₱ 209,034,440.00	CW1- Road Widening 4.916 Lane Km	₱ 40,558,266.88/ Lane Km	₱ 199,384,440.00
			ROW- ROW Acquisition 45,000.00 Sq.m.	₱ 214.44/ Sq.m. Km	₱ 9,650,000.00
EAO	-	₱ 7,581,560.00	EAO	-	₱ 7,581,560.00
Total:		₱ 216,616,000.00	Total:		₱ 216,616,000.00
Justification: <i>Note: ROW - see Memo of Sec. dtd 6/5/2024</i> <ul style="list-style-type: none">Modification in station limits from “Daang Maharlika (Surigao-Agusan Sect) - K1168 + (-823) - K1168 + 009, K1168 + 368 - K1169 + 000, K1171 + 000 - K1174 + 701, K1175 + 133 - K1175 + 240, K1175 + 270 - K1175 + 642” to “Daang Maharlika (Surigao-Agusan Sect) - K1168 + (-823) - K1168+(-036.09), K1168+380 - K1169+006.33, K1171+000 - K1171+640, K1171+860 - K1172+120, K1172+480 - K1172+625” due to the following:<ul style="list-style-type: none">The allocated funds are insufficient to cover the original station limits. As a result, station limits with shorter lengths are excluded or deleted to prioritize work on the longer lengths.Increase in unit cost/decreased in length of physical target by 6.368 lane km (from 11.284 lane km to 4.916 lane km).<ul style="list-style-type: none">Earthworks account for 31.69% of the overall direct cost, which involve clearing of existing structures and obstacles like PCCP with thickness of 150mm and 230mm, RCPC pipes with diameters of 610mm, 910mm and 1220mm, existing guardrails and posts, as well as concrete structures and trees. Additionally, 11.84% of the direct costs are allocated for surplus excavation (common and soft rock) within earthworks for sidecut operations.Surface Course accounts for 33.28% of the total direct cost, comprising a 300mm thick concrete pavement designed for the proposed widening.					

- Drainage and Slope Protection Structure constitute 9.55% and 9.95% respectively to the total direct cost, encompassing the installation of pipe culverts (with diameters 910mm and 1220mm), grouted riprap and stone masonry.
- Miscellaneous Structure constitute 2.97% of the total direct cost allocated for metal guardrails and pavement markings essential for road safety features.
- Additional ROW component due to:
 - As per survey, there are land properties and other structures that will be affected in the construction of the project. Hence, the need for ROW payment for the said affected structures/improvements/acquisition.
- The derived unit cost is based on the approved Program of Works (POW) and Detailed Unit Price Analysis (DUPA).
- 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 and GIS Map of the Proposed Project Work Location.

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:



EUGENIO R. RIPO, JR.

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



MARIA CATALINA E. CABRAL, PH.D., CESO I

Undersecretary for Planning
and Public-Private Partnership Services

APPROVED/DISAPPROVED:



MANUEL M. BONOAN
Secretary

2.3 mksa/AVS/RPBG/ERP

Department of Public Works and Highways
Office of the Secretary



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