



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

Number: \_\_\_\_\_  
 Project ID: P00707746MN

March 28, 2023

**MEMORANDUM**

**FOR :** **EUGENIO R. PIPO, JR.**  
 Undersecretary for Regional Operations  
 in CAR, Regions I, II, IX, X, XI, XII, and XIII  
 This Department

This refers to the memorandum dated 27 March 2023 of **DPWH OIC-Assistant Region XI Director JOSELITO B. CABALLERO**, endorsing the request of **District Engineer RICHARD A. RAGASA Davao City District Engineering Office**, for the approval of Modification of the hereunder project under FY 2023 General Appropriations Act (GAA), to wit:

As per GAA/Original			As Modified		
Project Description					
<b>UACS No. 310101100895000</b> <b>Project ID: P00707746MN</b>  OO1: Ensure Safe and Reliable National Road System  Asset Preservation - Preventive Maintenance - Primary Roads  Davao Cotabato Road (Davao City - Jct. Digos Section) - K1514+850 - K1516+200, K1518+620 - K1518+834, Davao City			OO1: Ensure Safe and Reliable National Road System  Asset Preservation - Preventive Maintenance - Primary Roads  Davao Cotabato Road (Davao City - Jct. Digos Section) - K1514+850 - K1516+200, K1518+620 - K1518+771, Davao City		
Type of Work/Physical Target	Unit Cost	Allocation	Type of Work/Physical Target	Unit Cost	Estimated Cost
CW-1 Preventive Maintenance of Road: Asphalt Overlay: 3.138 lane km	P 30,752,071.38 / Lane km	P 96,500,000.00	CW-1 Preventive Maintenance of Road: Asphalt Overlay: 4.628 lane km	P 20,851,339.67 / Lane km <i>P 41.6 m/k</i>	P 96,500,000.00
EAO		P 3,500,000.00	EAO		P 3,500,000.00
		<b>Total: P 100,000,000.00</b>			<b>Total: P 100,000,000.00</b>
<b>Justification:</b> <i>by Cert of Cost Reasonableness</i> Modification in station limits from "K1514 + 850 - K1516 + 200, K1518 + 620 - K1518 + 834" to "K1514 + 850 - K1516 + 200, K1518 + 620 - K1518 + 771" due to the following: <ul style="list-style-type: none"> <li>With revised limits since the project considers the existing number of lanes for the 1st section (2 and 3 lanes) and 2nd section (4 lanes) per actual need (due to poor road condition) and for homogeneity of the road surface for the safety of the motorists; and</li> <li>Project has substantial / high unit cost; hence, allocation is insufficient to cover original limits. As such, revised end limit at 2nd section (from K1518 + 834 to K1518 + 771).</li> </ul> Increase in physical target for CW1-Preventive Maintenance of Road: Asphalt Overlay from 3.138 lane km to 4.628 lane km (with substantial cost) due to the following: <ul style="list-style-type: none"> <li>Change in thickness for asphalt overlay from 100mm to 80mm (based on design requirement) including "Anti-Rutting Additive" (ARA) to prevent the road surface from rutting since this section is located in a highly urbanized area where heavy and 10-wheeler trucks are traversing. Hence, decrease in unit cost;</li> <li>With said decrease in unit cost, project could cover asphalt overlay for two (2) to four (4) lanes per actual need based on revised limits, with a total length of 1506 lineal meters, instead of two (2) lanes, per initial consideration. Hence, increase in physical target. However, could not cover the entire limits due to number of lanes considered as per design; and</li> <li>Scope of work also includes installation of Internally Illuminated (Solar) Pavement Levelled Marker / Stud Flush Type (Mono-Directional), application of reflectorized thermoplastic pavement markings (white, yellow, and green), and adjusting manholes with iron ductile as manhole cover to avoid uneven grade line. Hence, with substantial cost.</li> </ul> Attached are the following supporting documents: Approved Program of Works (POW) with Detailed Unit Price Analysis (DUPA), Approved Detailed Engineering Design (DED), Certificate of Availability of Funds (CAF), Geotagged Photos, GIS Map, and Annual Infrastructure Program (AIP) based on GAA.					

Based on our evaluation, the submitted request for modification of the said project is in order, hence, approval hereof is recommended.



**ADOR G. CANLAS**

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

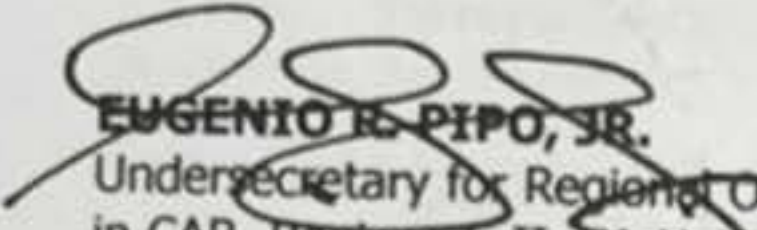
**RECOMMENDING APPROVAL:**



**MARIA CATALINA E. CABRAL, Ph.D., CESO I**

Undersecretary for Planning and Public-Private Partnership Services

**APPROVED/~~DISAPPROVED~~**



**EUGENIO B. PIPO, JR.**

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

2.3 Idam/oal/AVS/AGC/ERP