

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

Project	P00550647MN

April 29, 2021

## MEMORANDUM

MARK A. VILLAR FOR : Secretary This Department

This refers to the memorandum dated April 15, 2021 of DPWH Region XI OIC - Director REY PETER B. GILLE, endorsing the request of District Engineer RICHARD A. RAGASA., Davao City DEO, for the modification of the project under FY 2021 GAA, to wit;

	s per GAA/Original	I The Real Property	As Modified		
		Project D	escription		
Construction / Rep Various Infrastructure	cal Roads and Bridg air / Rehabilitation e including Local Proje	/ Improvement of ects	Construction / Ref	cal Roads and Brid bair / Rehabilitation re including Local Proj nce of Road, Asphalt	jects
Type of Work/ Physical Target	Unit Cost	Allocation	Type of Work/ Physical Target	Unit Cost	Estimated Cost
CW1- Preventive Maintenance of Road: Asphalt Overlay: 2.082 lane km	₽ 13,904,899.14/ lane km	₽ 28,950.000.00	CW1- Preventive Maintenance of Road: Asphalt Overlay: 1.702 lane km	17,009,400.71/ lane km 34 m/k	₽ 28,950.000.00
				1	P 1 050.000.00

Total:       P 30,000,000.00       Total:       P 30,000,000.00         Justification:       Decrease in physical target from 2.082 lane km to 1.702 lane km due to the following;       Total:       P 30,000,000.00         0       Higher unit cost for asphalt overlay (80mm thick) since it includes "Anti-Rutting Additive" (ARA) to prevent the road surface from rutting since this section is located in a highly urbanized area. ARA is recommended to be used in asphalt overlay projects that will carry more than 2000 vehicles per day to improve the quality of asphalt per DO 11, s. of 2019.         Project includes transition ramps for 10 junctions along the road section including end limit and edges of project (length varies from 10-30 meters with width of 3.5 meters) for road safety purposes.         Scope of work also includes application of thermoplastic pavement markings and installation of internally illuminated (solar) pavement levelled marker/stud flush type, omnidirectional type G105, and adjustment of existing manholes' elevation using iron ductile materials as manhole cover to avoid uneven gradeline.	EAO	-	₽ 1,050,000.00	EAO		₽ 1,050,000.00
<ul> <li>Decrease in physical target from 2.082 lane km to 1.702 lane km due to the following;</li> <li>Higher unit cost for asphalt <u>overlay (80mm thick)</u> since it includes <u>"Anti-Rutting Additive" (ARA)</u> to prevent the road surface from rutting since this section is located in a highly urbanized area. ARA is recommended to be used in asphalt overlay projects that will carry more than 2000 vehicles per day to improve the quality of asphalt per DO 11, s. of 2019.</li> <li>Project includes transition ramps for 10 junctions along the road section including end limit and edges of project (length varies from 10-30 meters with width of 3.5 meters) for road safety purposes.</li> <li>Scope of work also includes application of thermoplastic pavement markings and installation of internally illuminated (solar) pavement levelled marker/stud flush type, omnidirectional type G105, and adjustment of existing manholes elevation using iron ductile materials as manhole cover to avoid uneven gradeline.</li> </ul>		Total:	₽ 30,000,000.00	-	Total:	₽ 30,000,000.00
Based on our evaluation, the submitted request for modification of the said project is in order;	<ul> <li>Higher unit surface from overlay proj 2019.</li> <li>Project inclu (length varie)</li> <li>Scope of wo (solar) pave elevation usion</li> </ul>	arget from 2.082 land cost for asphalt over rutting since this s ects that will carry ides transition rame ork also includes app ment levelled mark ing iron ductile mate	ne km to 1.702 lane km d erlay (80mm thick) since ection is located in a high more than 2000 vehicles ps for 10 junctions alon rs with width of 3.5 meter plication of thermoplastic ter/stud flush type, omni- erials as manhole covert	it includes "Anti-Ru hy urbanized area. s per day to improve g the road section rs) for road safety p c pavement marking directional type G1 p avoid uneven grad	ARA is recommended we the quality of asp including end limit purposes. gs and installation of 05, and adjustment deline.	to be used in asphalt halt per DO 11, s. of and edges of project internally illuminated of existing manholes
	Undersecretary f	or Regional Ope	rations in Mindanao			
Undersecretary for Regional Operations in Mindanao	man	m				
Undersecretary for Regional Operations in Mindanao APPROVED/DISAPPROVED:	Secretary Scanne	d with	office of the Secretary	er		

2.3 LDAM/LCA/AVS/AGC/ERP