



Republic of the Philippines
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
CENTRAL OFFICE
Bonifacio Drive, Port Area Manila

Reference Number: **XI-015**
Project ID: **P00800096MN**

DAGONG PILIPINAS

April 22, 2024

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 18 April 2024 of **DPWH Region XI Assistant Director JOSELITO B. CABALLERO** endorsing the request of **OIC District Engineer LILIBETH M. SARMIENTO, Davao City Sub-District Engineering Office**, 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. 310203100889000. Project ID: P00800096MN. OO1: Ensure Safe and Reliable National Road System . Network Development - Road Widening - Tertiary Roads . Fatima – Malabog Rd, K1517 + 820 – K1517 + 889, K1517 + 917 – K1517 + 1003, K1518 + 138 – K1518 + 502 .			OO1: Ensure Safe and Reliable National Road System , Network Development - Road Widening - Tertiary Roads . Fatima – Malabog Rd, K1517 + 820 – K1517 + 889, K1517 + 917 – K1517 + 1003, K1518 + 138 – K1518 + 502 ✓		
Type of Work/ Physical Target	Unit Cost	Allocation	Type of Work/ Physical Target	Unit Cost	Estimated Cost
CW1- Road Widening: 1.038 Lane Km .	P 31,373,217.73/ Lane km .	P 32,565,400.00 .	CW1- Road Widening: 0.963 Lane Km .	P 15,366,562.82/ Lane km ✓	P 14,798,000.00
			CW2- Construction of Road Slope Protection Structure/ 662.00 square meters ✓	P 30.6 M/m . P 26,838.97/ square meter	P 17,767,400.00
EAO	–	P 664,600.00 .	EAO	–	P 664,600.00 .
Total:		P 33,230,000.00 ✓	Total:		P 33,230,000.00 .
Justification:					
Decrease in physical target from 1.038 lane km to 0.963 lane km including decrease in allocation for CW1-Road Widening due to the following:					
<ul style="list-style-type: none">1st and 2nd Section (K1517 + 820 – K1517 + 889 (L/S), K1517 + 917 – K1517 + 1003 (R/S)) considers road widening of 1 lane only inasmuch said sections were already widened into 3 lanes under FY 2019 GAA while 3rd Section considers 2-3 lanes of road widening, 2 lanes: 284m (K1518+138 – K1518+260 & K1518+340-K1518+502); 3 lanes: 80m (K1518+260 – k1518+340) due to curve section, instead of the original proposal of 2 lanes for the entire project, hence, decrease in physical target;					

[Signature]

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- To Include and prioritize construction of slope protection structure (additional component) for its embankment to ensure stability so that the road will not be rendered useless;
- There is lower unit cost since slope protection was originally considered/incorporated under said component, however, is now excluded since slope protection is already a separate component;
- Project includes surplus common excavation with a volume of 1,259.06 cu.m., embankment from borrow (common soil) with a volume of 2,756.54 cu.m. and subgrade preparation (common material) with a volume of 2,466.70 cu.m.; and
- Project also involves construction of rectangular concrete lined canal (75 lineal meters) to provide proper drainage system and paving of shoulder with a width of 1.5 m (200mm thick).

Additional CW2: Construction of Road Slope Protection Structure with substantial cost due to the following:

- The project requires construction of road slope protection to prevent the soil from scouring due to steep slope in which the amount constitutes more than 50% of the total project cost, hence, additional component;
- Project involves construction of Mechanically-Stabilized Earth (MSE) Retaining wall with vertical height that varies from 5.20m to 9.90m to support weight on steeper slope; and
- It also considers geotextile and separation geotextile (9,313.13 sq.m. and 990.00 sq.m.) for the construction of MSE Wall.

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), Certificate of Reasonableness of Unit Cost, 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.


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

APPROVED/~~DISAPPROVED~~:


EUGENIO B. PIRO, JR.

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

2.3 mksa/AVS/RPBG/ERP

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