



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

Reference
Number:

CAR-076

Project ID:

P00800002LZ

BAGONG PILIPINAS

July 17, 2024

MEMORANDUM

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

This refers to the memorandum dated May 8, 2024, of **DPWH CAR Regional Director KHADAFFY D. TANGGOL**, endorsing the request of **District Engineer RUBY A. UYAM, Lower Kalinga District Engineering Office**, for the **modification** of the project under FY 2024 GAA, to wit;

As per GAA/Original			As Modified		
Project Description					
UACS No. 310201101246000 Project ID: P00800002LZ OO1: Ensure Safe and Reliable National Road System - Network Development - Road Widening - Primary Roads Manuel S. Agyao Boulevard - K0496 + 501 - K0496 + 523, K0497 + 135 - K0497 + 469, K0497 + 497 - K0498 + 344, K0502 + 000 - K0503 + 104			OO1: Ensure Safe and Reliable National Road System - Network Development - Road Widening - Primary Roads Manuel S. Agyao Boulevard - K0496 + 501 - K0496 + 638, K0497 + 135 - K0497 + 469, K0497 + 497 - K0498 + 344, K0502 + 000 - K0503 + 104		
Type of Work/ Physical Target	Unit Cost	Allocation	Type of Work/ Physical Target	Unit Cost	Estimated Cost
CW1- Road Widening/ 4.566 Lane Kilometers	P 15,776,460.80/ Lane Kilometer	P 72,035,320.00	CW1- Road Widening / 5.444 Lane Kilometers	P 7,049,484.94 / Lane Kilometer <i>P 14 M/km</i>	P 38,377,396.02
			CW2- Construction of Road Slope Protection Structure/ 2658 Square Meters	P 12,662.88 / Square Meter	P 33,657,923.98
EAO	—	P 2,612,680.00	EAO	—	P 2,612,680.00
		P 74,648,000.00	Total:		P 74,648,000.00


Justification:

The project is to be modified in view of the following:

- The decrease in the unit cost/increase in the physical target of CW1 from 4.566 Lane Kilometers to 5.444 Lane Kilometers and inclusion of CW2 - Construction of Road Slope Protection Structure with an area of 2658 sq.mis based on the Approved Program of Works (POW) with Detailed Unit Price Analysis (DUPA).
- CW1 is composed of PCC Pavement (Unreinforced) Conventional Method, 280mm Thick @14 days.
- The decrease in unit cost for CW1 is due to the additional items of drainage and slope protection structures. This section of the road line is an accident-prone area, that needs to be widened to accommodate the increasing traffic volume along the section. As a result, there is an increase in unit cost due to the drainage and slope protection structures such as Pipe Culverts, Grouted Riprap, and Stonemasonry to protect the section from scouring and slope collapse.
- Subsequently, the construction of slope protection structures is necessary along the widening of the sections to protect the newly constructed part of the road. Hence, the addition of CW2 - Construction of Road Slope Protection Structure.

Attached are the following supporting documents: Approved Program of Works (POW) with Detailed Unit Price Analysis (DUPA), Detailed Engineering Design (DED), Certificate of Availability of Funds (CAF), BP 202, Geotagged photos, GIS Map and Certification of No overlapping (Certified by the District Engineer, Planning & Design, Construction and Maintenance Division Chief).


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 R. RIPO, JR.

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