

**DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS  
OFFICE OF THE SECRETARY**



April 25, 2024

**MEMORANDUM**

**FOR :** **MANUEL M. BONOAN**  
Secretary  
This Department

This refers to the memorandum dated April 16, 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. 300215104428000 Project ID: P00842827LZ  Convergence and Special Support Program - Sustainable Infrastructure Projects Alleviating Gaps (SIPAG) - Access Roads and/or Bridges from the National Road/s leading to Major/ Strategic Public Buildings/ Facilities  Construction of Banagao-Mangali Road, Tanudan, Kalinga			Convergence and Special Support Program - Sustainable Infrastructure Projects Alleviating Gaps (SIPAG) - Access Roads and/or Bridges from the National Road/s leading to Major/ Strategic Public Buildings/ Facilities  Construction of Banagao-Mangali Road, Tanudan, Kalinga		
Type of Work/ Physical Target	Unit Cost	Allocation	Type of Work/ Physical Target	Unit Cost	Estimated Cost
CW1- Construction of Concrete Road/ 0.348 Lane Kilometer	P 56,321,839.08 /Lane Kilometer	P 19,600,000.00	CW1- Construction of Concrete Road / 1.20 Lane Kilometer	P 10,225,788.46/ Lane Kilometer <i>20.4 M/km</i>	P 12,270,946.15
			CW2- Construction of Road Slope Protection Structure / 9.858 Square meters	P 743,462.55/ Square meters	P 7,329,053.86
EAO	-	P 400,000.00	EAO	-	P 400,000.00
Total:		P 20,000,000.00	Total:		P 20,000,000.00

**Justification:**

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

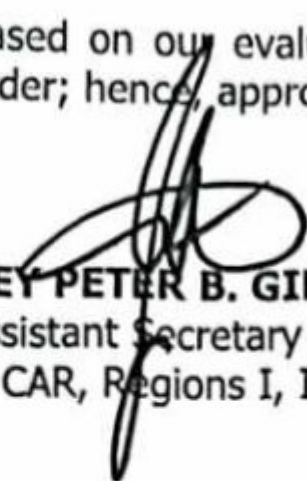
- The decrease in the unit cost/increased in the physical target from 0.348 Lane Kilometer to 1.2 Lane Kilometer is based on the Approved Program of Works (POW) with Detailed Unit Price Analysis (DUPA).
- CW1 is composed of PCC Pavement (Unreinforced) Conventional Method, 230mm Thick, Curb and Gutter and Reflectorized Thermoplastic Pavement Markings.
- Inclusion of CW2 is due to the worsened condition of road slips caused by continuous downpour of rain that necessitate immediate slope protection structure to stabilize the road. **CW2 is composed of Retaining wall, and Grouted Riprap.** Additional item of works such as Pipe Culverts and Box culvert are included to address the water runoff.

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).

*Memo dtd June 25, 2024*




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

  
**EUGENIO R. PIRO, JR.**

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

**APPROVED/~~DISAPPROVED~~:**

  
**MANUEL M. BONOAN**  
Secretary

2.3 mksa/MLS/AVS/RPBG/ERP

Department of Public Works and Highways  
Office of the Secretary



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