



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

Reference  
Number:

XIII-069

Project ID:

P00800508MN

June 05, 2024

**MEMORANDUM**

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

This refers to the memorandum dated June 03, 2024 of **DPWH Region XIII Director POL M. DELOS SANTOS, CESO IV**, endorsing the request of **District Engineer BEN ALDEN R. SERNA**, Agusan del Sur 2<sup>nd</sup> District Engineering Office, for the **modification** of the project under FY 2024 GAA, to wit;

As per GAA/Original			As Modified		
Project Description					
<b>UACS No. 310107100669000</b> ✓ <b>Project ID: P00800508MN</b> ✓					
OO1: Ensure Safe and Reliable National Road System – Asset Preservation - Rehabilitation/ Reconstruction of National Roads with Slips, Slope Collapse, and Landslide - Primary Roads			OO1: Ensure Safe and Reliable National Road System – Asset Preservation - Rehabilitation/ Reconstruction of National Roads with Slips, Slope Collapse, and Landslide - Primary Roads		
NRJ Cuevas-Bislig Rd - K1394 + 695 - K1394 + 708, K1394 + 902 - K1394 + 935, K1395 + 430 - K1395 + 450, <b>K1400 + 078 - K1400 + 181</b> , K1401 + 222 - K1401 + 245, K1401 + 539 - K1401 + 640			NRJ Cuevas-Bislig Rd - K1394 + 695 - K1394 + 708, K1394 + 902 - K1394 + 935, K1395 + 430 - K1395 + 450, K1401 + 222 - K1401 + 245, K1401 + 539 - K1401 + 640		
Type of Work/ Physical Target	Unit Cost	Allocation	Type of Work/ Physical Target	Unit Cost	Estimated Cost
CW1- Construction of Road Slope Protection Structure: 2,940.08 Square Meters	₱25,988.65/ Square Meters	₱76,408,700.00	CW1- Construction of Road Slope Protection Structure: <b>7,201.24</b> Square Meters	₱10,610.49/ Square Meters	₱ 76,408,700.00
EAO	-	₱ 2,771,300.00	EAO	-	₱ 2,771,300.00
<b>Total:</b>		<b>₱ 79,180,000.00</b>	<b>Total:</b>		<b>₱ 79,180,000.00</b>

**Justification:**

**Change in station limits due:**

- Deletion of section K1400 + 078 - K1400 + 181. This section has a very steep slope which requires huge volume of embankment. Prioritizing this section would use up all the allocated amount and would result to the deletion of all other sections. Thus, this office opted to prioritize the other sections which requires lesser volume of earthworks but still needs immediate countermeasures in order to address the damaged, scoured and shattered/hollow pavement brought by soil movement on the side slope.

Website: <https://www.dpwh.gov.ph>  
Tel. No(s): 5304-3000 / (02) 165-02



Ab-00-202406-02/40



**Increase in the physical target/decrease in the unit cost due to:**

- Minimal Earthworks, Subbase and Base Course, and Surface Course covers 2.66%, 0.62% and 3.33% respectively of the total project cost.
- A length of 9.00 meters Steel Sheet Piles (furnished & driven) will be used to stabilize the foundation amounting to Php 47,964,721.26 equivalent to 62.77% of the total project cost. Construction of Slope Protection using Steel Sheet Piles (Z-Pile) with an average slant height of 5 & 6 meters respectively to be utilized for the 2-Berms, 3-Berms, 4-Berms & 7-Berms structures.
- Removal/Reconstruction & paving of carriageway & shoulders on sections with hollow pavement to prevent scouring and protect both the slope protection structure and carriageway.
- Provision of miscellaneous structures for the safety of motoring public such as Reflectorized Thermoplastic Pavement Markings (white and yellow), hazard marker (chevron), and guardrails to ensure safety of the motoring public.
- The change in the project limits was made to synchronize with the increase in the physical target.
- The derived unit cost is based on approved Detailed Unit Price Analysis (DUPA) and Program of Work (POW).

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. PIRO, JR.**

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