



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

May 08, 2023

MEMORANDUM

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

This refers to the memorandum dated April 26, 2023 of **DPWH Region XIII Director POL M. DELOS SANTOS, CESO IV**, endorsing the request of **District Engineer BEN ALDEN R. SERNA**, Agusan del Sur Second DEO, for the **modification** of the project under FY 2023 GAA, to wit;

As per GAA/Original			As Modified		
Project Description					
UACS No. 310105100994000 Project ID: P00706323MN OO1: Ensure Safe and Reliable National Road System – Asset Preservation - Rehabilitation/ Reconstruction/ Upgrading of Damaged Paved Roads - Secondary Roads NRJ Sn Francisco-Bahi-Barobo Rd - K1312 + 1100 - K1312 + 1140, K1312 + 800 - K1312 + 866			OO1: Ensure Safe and Reliable National Road System – Asset Preservation - Rehabilitation/ Reconstruction/ Upgrading of Damaged Paved Roads - Secondary Roads NRJ Sn Francisco-Bahi-Barobo Rd - K1312 + 1055 - K1312 + 1120		
Type of Work/ Physical Target	Unit Cost	Allocation	Type of Work/ Physical Target	Unit Cost	Estimated Cost
CW1- Reconstruction to Concrete Pavement: 0.424 Lane Km	₱ 16,262,452.83/ Lane Km	₱ 6,895,280.00	CW1- Reconstruction to Concrete Pavement: 0.260 Lane Km	₱ 26,520,307.69/ Lane Km ₱ 53 k/k	₱ 6,895,280.00
EAO	-	₱ 140,720.00	EAO	-	₱ 140,720.00
Total:		₱ 7,036,000.00	Total:		₱ 7,036,000.00

Justification:

Decrease in the physical target/increase in the unit cost due to following:

- Provision of Cement Treated Base (CTB) which involves Item 204(1)a - Portland Cement Stabilized Road Mix Course with 200mm thickness amounting to Php 449,757.65 (8.19%) of the total direct cost in order to improve the subgrade of the road.
- Removal of existing PCCP (BAD CONDITION) with a total carriageway width of 12.9 meters (4 lanes) and a thickness of 230mm for L2 & L3 and 280mm for L1 & L4.
- Reconstruction of Concrete Road with a width of 12.9 meters and thickness of 280mm amounting to Php

1,568,073.01(28.56%) of the direct cost.

- Upgrading of Drainage is necessary since the discharge of the existing 1-910mm dia. RCPC is already insufficient based on the computed Hydrologic & Hydraulic Analysis. Thus, the said cross drainage will be removed and replaced with 1-3x2.4 x 26 L.M of RCBC. An amount of Php 2,211,403.64 (40.28%) of the direct cost is allotted for the upgrading of drainage at station K1312 + 1088.87.
- Provision of Grouted Riprap for slope protection sideways to strengthen and protect the roadway/carriageway from scouring.
- The change in the project limits was made to synchronize with the decrease in the physical target.
- The derived unit cost is based on approved Detailed Unit Price Analysis (DUPA) and Program of Works

Based on our evaluation, the submitted request for modification of the said project is in order; hence, approval hereof is recommended.

ADOR G. CANLAS

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

RECOMMENDING APPROVAL:

EUGENIO R. RIPO, JR.

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

MARIA CATALINA E. CABRAL, Ph.D., CE

Undersecretary for Planning and
Public-Private Partnership Services

APPROVED/DISAPPROVED:

MANUEL M. BONOAN

Secretary

2.3 LDAM/AVS/AGC/ERP

Department of Public Works and Highways
Office of the Secretary



WIN3E02940