

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



April 23, 2024

MEMORANDUM

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

This refers to the memorandum dated 17 April 2024 of **DPWH Region XIII Director POL M. DELOS SANTOS**, requesting 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 310104100702000 Project ID: P00801248MN					
OO1: Ensure Safe and Reliable National Road System ✓ Asset Preservation - Rehabilitation/ Reconstruction/ ✓ Upgrading of Damaged Paved Roads- Primary Roads ✓			OO1: Ensure Safe and Reliable National Road System Asset Preservation - Rehabilitation/ Reconstruction/ Upgrading of Damaged Paved Roads- Primary Roads		
Daang Maharlika (Agusan-Davao Sect) - K1246 + 000 - K1246 + 389, K1247 + 000, - K1247 + 570, K1248 + 000 - K1248 + 550, K1254 + 000, - K1255 + 188, K1255 + 222, - K1256 + 002.			Daang Maharlika (Agusan-Davao Sect) - K1246 + 000, - K1246 + 389, K1247 + 030 - K1247 + 260, K1248 + 000, - K1248 + 212, K1248 + 261 - K1248 + 385 , K1254 + 000 - K1254 + 720 .		
Type of Work/ Physical Target	Unit Cost	Allocation	Type of Work/ Physical Target	Unit Cost	Estimated Cost
CW1- Rehabilitation of Paved Road 6.982 Lane Km	P29,413,012.03/ Lane Km	P 205,361,650.00	CW1- Rehabilitation of Paved Road 6.700 Lane Km	P19,276,955.22/ Lane Km P 38.4 m/km	P 129,155,600.00
			CW2- Construction of Road Slope Protection Structures 2,208.00 sq. m.	34,513.61/ Sq.m.	P 76,206,050.00
EAO	-	7,448,350.00	EAO	-	P 7,448,350.00
Total:		P 212,810,000.00	Total:		212,810,000.00

Justification:

- Modifications in station limit from "K1246 + 000 - K1246 + 389, K1247 + 000 - K1247 + 570, K1248 + 000 - K1248 + 550, K1254 + 000 - K1255 + 188, K1255 + 222 - K1256 + 002" to "K1246 + 000 - K1246 + 389, K1247 + 030 - K1247 + 260, K1248 + 000 - K1248 + 212, K1248 + 261 - K1248 + 385, K1254 + 000 - K1254 + 720" due to the following:
 - Change in project limit to exclude sections in still good condition and to synchronize with the decrease in the physical target. See attached Straight Line Diagram.
- Decrease in physical target/Decrease in the unit cost based on the validated/approved Detailed Unit Price Analysis (DUPA) and Program of Works (POW) due to:
 - Design for rehabilitation / reconstruction with varying lanes (300mm thk, 3.5m wide) involves construction of median (1,387.00 ln.m.) with concrete paving blocks (1,608.92 sq.m.) and concrete curb (cast in place, 2,774 ln.m.);
 - Although decrease in unit cost, project is still with substantial cost since it includes individual removal of trees (187 pcs), removal of actual structures/obstructions (PCCR and RCPC),

Ab-00-202404-01275

EVALUATION FORM

BP202

CAF

LOCATION MAP

Noted By:

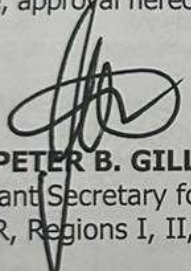
Director, Planning Service

By:

E. Approving Authority

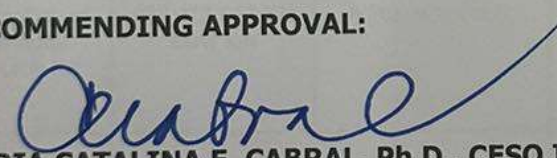
- removal of existing guardrails including post and road signs, embankment from roadway/structure excavation with a total volume of 17,240.51 cu. m., subgrade preparation (common material) with a total area of 34,383.43 sq. m.
- Project also involves drainage and slope protection structures with pipe culverts (Class II, 1220mm dia), cleaning of existing clogged pipe culvert (half-silted, 1220mm dia.), grouted riprap (Class A) for inlet / outlet protection, stone masonry as headwalls for culvert; and
 - The addition of miscellaneous structures such as concrete curb, metal guardrails, metal beam end-piece, and application of reflectorized thermoplastic pavement markings (white) for road safety features.
 - Additional component CW2 - Construction of Road Slope Protection Structure, to protect the roadway from slips and soil erosion, with substantial unit cost due to the following:
 - The design of project involves construction of slope protection (grouted riprap) and reinforced slope protection with steel sheet piles in order to ensure embankment retention/stability.
 - Attached are the following supporting documents: Approved Program of Works (POW), Approved Plan, BP Form 202, Certificate of Availability of Funds (CAF), Certificate of Reasonableness of Cost Estimate, Geotagged Photos, and GIS Map of the Proposed Project Work Location.

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.

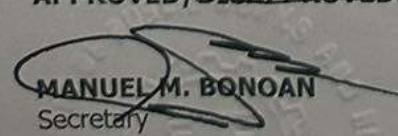
Assistant Secretary for Regional Operations
in CAR, Regions I, II, IX, X, XI, XII, and XIII

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/AVS/RPBG/FRP

Department of Public Works and Highways
Office of the Secretary



WIN4E03412

EVALUATION FORM

BP202

CAF

LOCATION MAP

Engineering Design

AID

Head By: