



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

Reference Number: **XIII-027**
Project ID: **P00801250MN**

April 29, 2024

MEMORANDUM

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

This refers to the memorandum dated 12 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 310104100704000 ✓ Project ID: P00801250MN. ✓					
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) - K1273 + 043 - K1273 + 892, K1274 + 414- K1276 + 000, K1276 + 360- K1276 + 672, K1277 + 678, K1278 + 000, K1292 + 000 - K1294 + 000, K1297 + 125- K1297 + 959, K1298 + 912 - K1299 + 000, K1303 + 446, K1303 + 600,			Daang Maharlika (Agusan-Davao Sect) - K1261+500 - K1262+431, K1262+506 - K1263+824.54, K1276+360 - K1276+672, K1278+073 -K1278+272, K1278+696- K1278+862, K1297+125 -K1297+959		
Type of Work/ Physical Target	Unit Cost	Allocation	Type of Work/ Physical Target	Unit Cost	Estimated Cost
CW1- Rehabilitation of Paved Road 12.308 Lane Km,	P28,950,000.00/ Lane Km ,	P 356,316,600.00	CW1- Rehabilitation of Paved Road 11.285 Lane Km ✓	P23,044,559.15/ Lane Km - P 46 m/km	P 260,057,850.00
			CW2- Construction of Road Slope Protection Structures 3,228 sq.m.	29,819.93/ Sq.m. ✓	P 96,258,750.00
EAO	-	12,923,400.00 ✓	EAO	-	P 12,923,400.00
Total: P 369,240,000.00			Total: 369,240,000.00		

Justification:

- Use of Steel Sheet piles for CW2*
- Modifications in station limit from "K1273 + 043 - K1273 + 892, K1274 + 414 - K1276 + 000, K1276 + 360 - K1276 + 672, K1277 + 678 - K1278 + 000, K1292 + 000 - K1294 + 000, K1297 + 125 - K1297 + 959, K1298 + 912 - K1299 + 000, K1303 + 446 - K1303 + 600" to "K1261+500 - K1262+431, K1262+506 - K1263+824.54, K1276+360 - K1276+672, K1278+073 -K1278+272, K1278+696 - K1278+862, K1297+125 -K1297+959" due to the following:
 - Change in project limit to prioritize the stations in poor to bad conditions 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 no. of lanes involves construction of median (3,440.34 ln. m.) with concrete paving blocks (3,990.79 sq. m.) and concrete curb (cast in place, 2,774 ln. m.);

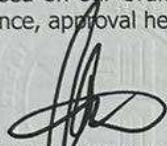
At-00-202405-01331

UACS No. 310104100704000
Project ID: P00801250MN

Page 2 of 2

- Although decrease in unit cost, project is still with substantial cost since it includes individual removal of trees (91 pcs), removal of actual structures/obstructions (PCCP, curb & gutter, and RCPC), removal of existing guardrails including post and road signs, embankment from roadway/structure excavation with a total volume of 21,682.79 cu. m., subgrade preparation (common material) with a total area of 62,405.19 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, 910mm and 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 (concrete) 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

APPROVED/~~DISAPPROVED~~



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

2.3 mksa/AVS/RPBG/ERP

EVALUATION FORM

BP202

CAF

LOCATION MAP

GEOTAGGED PHOTOS