

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



April 25, 2024

MEMORANDUM

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

This refers to the memorandum dated 17 April 2024 of **DPWH Region XIII Director DELOS SANTOS** requesting for the approval of Modification of the hereunder project under 2024 General Appropriations Act (GAA), to wit;

As per GAA/Original			As Modified		
Project Description					
UACS No 310104100703000 Project ID: P00801249MN OO1: Ensure Safe and Reliable National Road System Asset Preservation - Rehabilitation/ Reconstruction/ Upgrading of Damaged Paved Roads- Primary Roads Daang Maharlika (Agusan-Davao Sect) - K1256 + 002 - K1257 + 004; K1257 + 368 - K1257 + 481, K1260 + 000 - K1262 + 431, K1262 + 506 - K1265 + 000; K1265 + 500 - K1265 + 605; K1278 + 073 - K1278 + 272, K1278 + 696 - K1278 + 862			OO1: Ensure Safe and Reliable National Road System Asset Preservation - Rehabilitation/ Reconstruction/ Upgrading of Damaged Paved Roads- Primary Roads Daang Maharlika (Agusan-Davao Sect) - K1254 + 720 - K1255 + 188; K1255 + 222 - K1257+ 004, K1260 + 000 - K1261 + 500		
Type of Work/ Physical Target	Unit Cost	Allocation	Type of Work/ Physical Target	Unit Cost	Estimated Cost
CW1- Rehabilitation of Paved Road 13.116 Lane Km	P28,950,000.00/ Lane Km	P 379,708,200.00	CW1- Rehabilitation of Paved Road 15.140 Lane Km	P18,829,610.30/ Lane Km \$ 37.6M/k	P 285,080,300.00
			CW2- Construction of Road Slope Protection Structures 3,120 sq.m.	30,329.46/ Sq.m.	P 94,627,900.00
EAO	-	P13,771,800.00	EAO	-	P13,771,800.00
Total:		P 393,480,000.00	Total:		P393,480,000.00

Justification:

Modification in station limits from "K1256 + 002 - K1257 + 004, K1257 + 368 - K1257 + 481, K1260 + 000 - K1262 + 431, K1262 + 506 - K1265 + 000, K1265 + 500 - K1265 + 605, K1278 + 073 - K1278 + 272, K1278 + 696 - K1278 + 862" to "Daang Maharlika (Agusan-Davao Sect) - K1254 + 720 - K1255 + 188, K1255 + 222 - K1257+ 004, K1260 + 000 - K1261 + 500" due to the following:

- To tap with the project under FY 2024 GAA (PROJECT ID: P00801248MN, STATION LIMITS: K1246 + 000 - K1246 + 389, K1247 + 030 - K1247 + 260, K1248 + 000 - K1248 + 212, K1248 + 261 - K1248 + 385, K1254 + 000 - K1254 + 720) with the same scope of work and along the same road network. See attached straight line diagram; and
- To prioritize sections with urgent need of rehabilitation / reconstruction to address dilapidated road surface due to its current condition and to address road safety to the travelling public.

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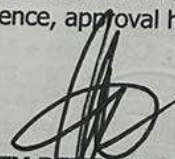
Increase in physical target for CW1-Rehabilitation of Paved Road from 13.116 lane km to 15.140 lane km due to the following:

- Design for rehabilitation / reconstruction with varying lane width (300mm thk, 3.5m wide) involves construction of median 3,468.20 ln.m.) with concrete paving blocks (4,023.11 sq.m.) and cast in place, concrete curb (6,936.40 ln.m.);
- Construction of Drainage involves concrete Catch Basin with different sizes using 910 mm dia, 1220 mm dia. Class II RCPC for a total length of 885 lineal meters with concrete manholes of 1220 mm dia.
- In addition, scope of work also includes the following: (a) construction of single-barrel (3m x 3m) reinforced concrete box culvert (RCBC), in order to mitigate high volume of run-off water crossing the road which is one of the main causes of scouring in the project location.
- The project includes of miscellaneous structures such metal guardrails, metal beam end piece, concrete curb and application of reflectorized thermoplastic pavement markings for safety purposes.

Additional type of work (CW2: Construction of Road Slope Protection Structures) due to the following:

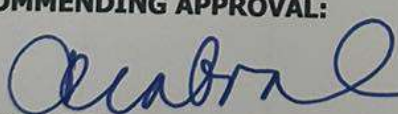
- The road project requires the construction of slope protection structure (concrete slope protection with sheet pile = 7,860 l.m.) and grouted riprap in some sections (1,195.53 cu.m.), in order to protect the road from settlement, slips and erosion.
- The derived unit cost is based on the approved Program of Works (POW) and Detailed Unit Price Analysis (DUPA).
- 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, Straight Line Diagram, 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. PIHO, JR.
Undersecretary for Regional Operations
in CAR, Regions I, II, IX, X, XI, XII, and XIII

APPROVED/DISAPPROVED:


MANUEL M. BONOAN

2.3 mksa/AVS/RPBG/ERP

Department of Public Works and Highways
Office of the Secretary



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