



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



May 29, 2024

MEMORANDUM


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

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 | | |
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| Project Description | | | | | |
| UACS No. 310104100707000 Project ID: P00801252MN OO1: Ensure Safe and Reliable National Road System Asset Preservation - Rehabilitation/ Reconstruction/ Upgrading of Damaged Paved Roads- Primary Roads Daang Maharlika (Agusan-Davao Sect) - K1320 + 666 - K1321 + 522, K1326 + 000 - K1326 + 300, K1328 + 400 - K1329 + 000, K1330 + 669 - K1330 + 802, K1330 + 989 - K1331 + 075, K1334 + 058 - K1334 + 135, K1335 + 000 - K1335 + 102, K1335 + 300 - K1336 + 200, K1337 + 218 - K1337 + 785, K1351 + 900 - K1351 + 961 | | | OO1: Ensure Safe and Reliable National Road System Asset Preservation - Rehabilitation/ Reconstruction/ Upgrading of Damaged Paved Roads- Primary Roads Daang Maharlika (Agusan-Davao Sect) - K1320 + 666 - K1320 + 932, K1321 + 015.946 - K1321 + 522 , K1326 + 000 - K1326 + 300, K1328 + 400 - K1329 + 000, K1335 + 000 - K1335 + 102, K1335 + 300 - K1336 + 200, K1337 + 218 - K1337 + 785, K1351 + 900 - K1351 + 961 | | |
| Type of Work/ Physical Target | Unit Cost | Allocation | Type of Work/ Physical Target | Unit Cost | Estimated Cost |
| CW1- Rehabilitation of Paved Road 7.364 Lane Km | ₱28,950,000.00/ Lane Km | ₱ 213,187,800.00 | CW1- Rehabilitation of Paved Road 7.032 Lane Km | ₱30,316,808.87/ Lane Km | ₱ 213,187,800.00 |
| EAO | – | ₱ 7,732,200.00 | EAO | – | ₱ 7,732,200.00 |
| Total: | | ₱ 220,920,000.00 | Total: | | ₱ 220,920,000.00 |
| Justification: <ul style="list-style-type: none">Change in the project limits due to:<ul style="list-style-type: none">➤ Deletion of project limits K1320+932 - K1321+015.945, K1330+669 - K1330+802, K1330+989 - K1331+075 and K1334+058 - K1334+135, To tap with the on-going projects under FY 2023 with the same scope of works.➤ 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.Increase in the unit cost/decreased in physical target by 0.332 lane km (from 7.364 lane km to 7.032 lane km), due to:<ul style="list-style-type: none">➤ Earthworks covers 33.72% of the total direct cost, encompassing the removal of existing structures and obstructions such as asphalt pavements (with a thickness of 50mm), unreinforced PCCP (with a thickness of 250mm), RCPC pipes (1220mm diameter), as well as concrete structures and trees. Additionally, 14.42% of the total direct cost is allocated for embankment inclusion in earthworks, which is essential for filling areas requiring additional support.➤ Surface Course accounts for 36.22% of the total direct cost, involving a concrete pavement with a thickness of 300mm, as well as emulsified asphalt, bituminous concrete surfaces (wearing and binder) each with a thickness of 30mm and composite crack prevention geogrid at outer lane with 214.00 meter. | | | | | |

- Drainage and Slope Protection Structure constitute 3.71% of the total direct cost, encompassing the installation of pipe culverts (with diameters 910mm and 1220mm), grouted riprap (859.09 cu.m.) and stone masonry (83.11 cu.m.).
- Miscellaneous Structure constitute 4.20% of the total direct cost allocated for concrete curb (5,890.11 l.m.), metal guardrails (380 l.m.) and pavement markings essential for road safety features.
- 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

APPROVED/~~DISAPPROVED~~



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