



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



July 15, 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 25 June 2024 of **DPWH Region XII Director BASIR M. IBRAHIM** for the **modification** of the project under FY 2024 GAA, to wit;

As per GAA/Original			As Modified		
Project Description					
UACS No. 310207100350000. Project ID: P00800267MN. OO1: Ensure Safe and Reliable National Road System – Network Development - Off-Carriageway Improvement - Primary Road. Marbel-Makar Rd - K1688 + 370 - K1690 + 370			OO1: Ensure Safe and Reliable National Road System – Network Development - Off-Carriageway Improvement - Primary Road. Marbel-Makar Rd - K1686 + 793 - K1690 + 800		
Type of Work/ Physical Target	Unit Cost	Allocation	Type of Work/ Physical Target	Unit Cost	Estimated Cost
CW-1- Off-Carriageway Improvement: Construction of Bike Lanes: 11,844.00 / Square meters	P 8,147.59 / Square meter	P 96,500,000.00	CW-1- Off-Carriageway Improvement: Construction of Bike Lanes: 24,000.00 Square meters	P 4,020.83 / Square meter	P 96,500,000.00
EAO	–	P 3,500,000.00	EAO	–	P 3,500,000.00
Total:		P 100,000,000.00	Total:		P 100,000,000.00

Justification:

- Decrease in the unit cost/ increase in the physical target based on the validated and approved Program of Works (POW) and Detailed Unit Price Analysis (DUPA).
- Also, the physical target increased to maximize the utilization of the allotted fund which resulted to the change in the station limits. Please see attached Straight line Diagram.
- The project has a substantial amount of Earthworks such as 20,519.00 cubic meter Embankment from borrow, Common Soil (15.374% of the total direct cost), 10,903 cubic meter Embankment from roadway/structure excavation, Common Soil (3.32%), and 32,032.00 square meter Subgrade preparation, Common Material (0.67%); surface course (24,000.00 square meter Portland Cement Concrete Pavement (Unreinforced), 14 days, 0.20 m thick) (28.689%); and subbase course (6,400.00 cubic meter Aggregate Subbase Course) (5.984%).



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



July 15, 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 25 June 2024 of **DPWH Region XII Director BASIR M. IBRAHIM** for the **modification** of the project under FY 2024 GAA, to wit;

As per GAA/Original			As Modified		
Project Description					
UACS No. 310207100350000 Project ID: P00800267MN OO1: Ensure Safe and Reliable National Road System – Network Development - Off-Carriageway Improvement - Primary Road Marbel-Makar Rd - K1688 + 370 - K1690 + 370			 OO1: Ensure Safe and Reliable National Road System – Network Development - Off-Carriageway Improvement - Primary Road Marbel-Makar Rd - K1686 + 793 - K1690 + 800		
Type of Work/ Physical Target	Unit Cost	Allocation	Type of Work/ Physical Target	Unit Cost	Estimated Cost
CW-1- Off-Carriageway Improvement: Construction of Bike Lanes: 11,844.00 Square meters	₱ 8,147.59 / Square meter	₱ 96,500,000.00	CW-1- Off-Carriageway Improvement: Construction of Bike Lanes: 24,000.00 Square meters	₱ 4,020.83 / Square meter	₱ 96,500,000.00
EAO	–	₱ 3,500,000.00	EAO	–	₱ 3,500,000.00
Total:		₱ 100,000,000.00	Total:		₱ 100,000,000.00

Justification:

- Decrease in the unit cost/ increase in the physical target based on the validated and approved Program of Works (POW) and Detailed Unit Price Analysis (DUPA).
- Also, the physical target increased to maximize the utilization of the allotted fund which resulted to the change in the station limits. Please see attached Straight line Diagram.
- The project has a substantial amount of Earthworks such as 20,519.00 cubic meter Embankment from borrow, Common Soil (15.374% of the total direct cost), 10,903 cubic meter Embankment from roadway/structure excavation, Common Soil (3.32%), and 32,032.00 square meter Subgrade preparation, Common Material (0.67%); surface course (24,000.00 square meter Portland Cement Concrete Pavement (Unreinforced), 14 days, 0.20 m thick) (28.689%); and subbase course (6,400.00 cubic meter Aggregate Subbase Course) (5.984%).

- The project also includes Miscellaneous Structures such as 3,300.00 square meter Sidewalk, 100 mm thick (2.058%), 35 Single Arm Solar LED Roadway Lighting, 60W-80W, 8m-Pole (4.939%), 1,650.00 linear meter curb and gutter (1.727%), and Reflectorized Thermoplastic Pavement Markings White and Yellow (2.991%); and Drainage And Slope Protection Structures such as 432.00 cubic meters Grouted Riprap (1.772%), 1,691.00 cubic meters Stone Masonry (8.115%) and Lined Canal (1,796.00 cubic meter Structural Concrete, 20.68MPa, B and 63,389.00 kilograms Reinforcing Steel, Grade 40).

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

- The project also includes Miscellaneous Structures such as 3,300.00 square meter Sidewalk, 100 mm thick (2.058%), 35 Single Arm Solar LED Roadway Lighting, 60W-80W, 8m-Pole (4.939%), 1,650.00 linear meter curb and gutter (1.727%), and Reflectorized Thermoplastic Pavement Markings White and Yellow (2.991%); and Drainage And Slope Protection Structures such as 432.00 cubic meters Grouted Riprap (1.772%), 1,691.00 cubic meters Stone Masonry (8.115%) and Lined Canal (1,796.00 cubic meter Structural Concrete, 20.68MPa, B and 63,389.00 kilograms Reinforcing Steel, Grade 40).

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. PIPO, JR.

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


2.3 LDAM/OAL/AVS/RPBG/ERP