



Republic of the Philippines
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
CENTRAL OFFICE
Bonifacio Drive, Port Area Manila



May 08, 2024

MEMORANDUM

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

This refers to the memorandum dated 26 April 2024 of **DPWH Region XI Assistant Director JOSELITO B. CABALLERO**, requesting for the **modification** of the project under FY 2024 GAA, to wit;

As per GAA/Original			As Modified		
Project Description					
UACS No. 300214100824000 - Project ID: P00834654MN . Convergence and Special Support Program - Special Road Fund - Motor Vehicle Users Charge (MVUC) as per R.A. 11239 . Installation of Road Safety: Davao-Cotabato Rd (Davao City-Jct Digos Sect) - K1564 + (-478) - K1593 + 057, Davao del Sur .			Convergence and Special Support Program - Special Road Fund - Motor Vehicle Users Charge (MVUC) as per R.A. 11239 . Installation of Road Safety: Davao-Cotabato Rd (Davao City-Jct Digos Sect) - K1556 + 700 - K1556 + 885, K1557 + 761, - K1559 + 201, K1560 + 002 - K1560 + 917, Davao del Sur .		
Type of Work/ Physical Target	Unit Cost	Allocation	Type of Work/ Physical Target	Unit Cost	Estimated Cost
CW1- Road Safety: , Pavement Markings / 29,696.000 Ln.m.	P 1,624.80 / Ln.m. .	P 48,250,000.00	CW1- Road Safety: Pavement Markings / 2,551.020 Ln.m. .	P 2,165.55 / Ln.m.	P 5,524,371.00
			CW2- Road Safety: Roadway Lighting / 261 number of units .	P 93,141.15 / Number of units	P 24,309,840.00
			CW3- Off-Carriageway Improvement: Construction of Traffic Island / 2,910.720 sq.m.	P 6,326.88 / Sq.m.	P 18,415,790.00
EAO	-	P 1,750,000.00	EAO	-	P 1,750,000.00
Total:		P 50,000,000.00	Total:		P 50,000,000.00

AG-CO-202405-1497
Website: <https://www.dpwh.gov.ph>
Tel. No(s): 5304-3000 / (02) 165-02



Justification:

Modification in station limits with decrease in physical target for CW-1 - Road Safety: Pavement Markings due to the following:

- Original limits K1564 + (-478) - K1593 + 057 is not within the identified limits for Davao-Cotabato Road (Davao City-Jct. Digos Sect) - S00162MN, based on the Road and Bridge Information Application (RBIA), inasmuch as the original limits belong to Davao-Cotabato Road (Jct. Digos-Cotabato Sect) - S000163MN, hence, transferred to priority sections for road safety along S00162MN. See attached Straight Line Diagram (SLD).

Decrease in component cost and physical target for CW-1 - Road Safety: Pavement Markings from 29,969.00 lineal meters to 2,551.02 lineal meters due to the following:

- Decrease in component cost to prioritize road safety facilities needed in the priority sections. Correspondingly, there is a decrease in physical target;
- The project design requires reapplication of reflectorized thermoplastic pavement markings (1,779.76 sq. m.) for lane separators and edge line with a length of 2,551.02 lineal meters as per actual need/design instead of the original length of 29,969.00 lineal meters (which is the full length of the entire S00163MN); and
- Project design also requires removal of existing reflectorized thermoplastic pavement markings (506.00 sq. m.), and application of reflectorized thermoplastic rumble strips (301.50 sq. m.). Hence, increase in unit cost as per approved POW and DUPA.

Additional type of work CW-2 - Road Safety: Roadway Lighting with substantial cost due to the following:

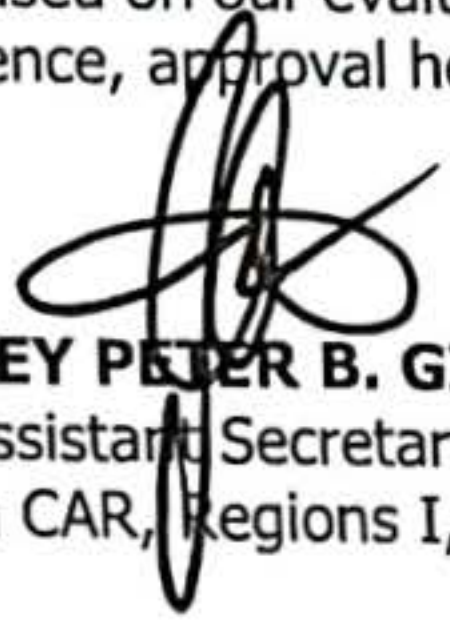
- There is a need to prioritize another road safety which is the provision of street lights along the road to improve the safety of the motorists and pedestrians at night (especially that location is within Digos City), in which said amount constitutes to more than 50.00% of the project cost, hence, additional component;
- Project requires installation of solar LED streetlights [174 units single arm (opposite) 12.0m pole, 125W, 1.5m mast arm length & 87 units double arm (axial) 12.0m pole, 125W, 3.0m mast arm length] for the entire length of the project;
- Design also includes removal of actual structures/obstruction (0.280mm and 0.300mm thk PCCP, with a total area of 348.00 sq. m.), structure excavation (common, with a volume of 935.36 cu. m.) to be backfilled with foundation fill (58.73 cu. m.) for streetlight footing foundation bedding, 300mm thk PCCP on a 14-day concrete (348.00 sq. m.); and
- Inclusion of reinforcing steel (10,804.15 kg for Grade 40 and 25,047.91 kg for Grade 60) and structural concrete (27.58 MPa, Class A, 14-day, with a total volume of 403.18 cu. m.) for streetlight footing foundation (pedestal), all of which greatly contributed to this scope of work's substantial cost.

Additional type of work CW-3 - Off-Carriageway Improvement: Construction of Traffic Island with substantial cost due to the following:

- Also, there is a need for the construction of 2,425.60 ln. m. median/center island with a width of 1.2m to address road safety and security of the pedestrians as well as the travelling public in the area especially that existing road is 6 lanes in which the amount constitutes more than 30.00% of the project cost, hence, additional component;
- Project requires construction of median barrier island with CHB non-load bearing (including reinforcing steel, 150mm, 3,790.10 sq. m.), concrete curb (cast in place, with a length of 4,863.54 ln. m.), aggregate subbase course (104 cu. m. compacted volume, for leveling course), delineators with reflective sheeting, aluminum, 1,518 pcs), and paint (3,887.54 sq. m.); and
- Design also includes installation of warning and regulatory signs, hazard markers, and furnishing/placing of topsoil (243.33 cu. m.), all of which greatly contributed to this scope of work's substantial cost.

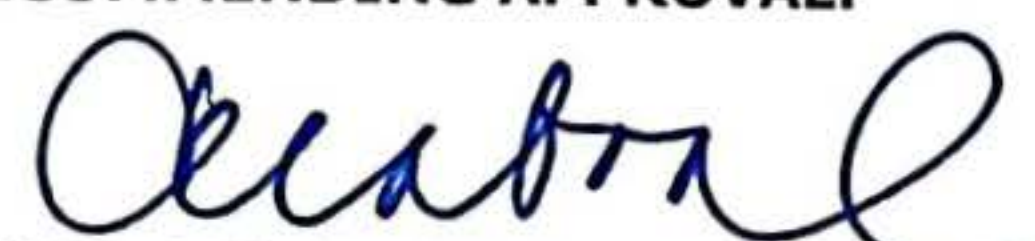
Attached also are the following supporting documents: Approved Program of Works (POW) with Detailed Unit Price Analysis (DUPA), Approved Detailed Engineering Design (DED), Certificate of Reasonableness of Unit Cost, Certificate of Availability of Funds (CAF), Geotagged Photos, GIS Map, and Annual Infrastructure Program (AIP) based on GAA.

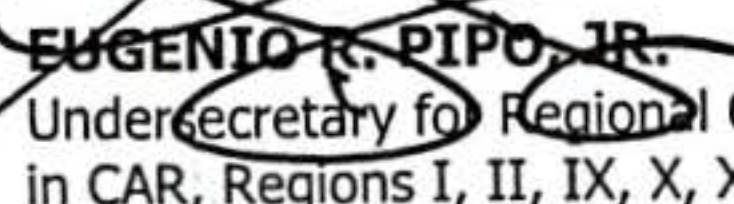
Based on our evaluation, the submitted request for modification of the said project is in order; hence, approval hereof is recommended.


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

APPROVED/~~DISAPPROVED~~:


MANUEL M. BONOAN
Secretary

Department of Public Works and Highways
Office of the Secretary

