



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

June 14, 2023

**MEMORANDUM**

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

This refers to the memorandum dated 22 May 2023 of **DPWH Region IX Director CAYAMOMBAO D. DIA, CESO III**, requesting for the **modification** of the project under FY 2023 GAA, to wit;

As per GAA/Original			As Modified		
Project Description					
UACS No. 300214100449000 Project ID: P00733752MN  Convergence and Special Support Program (CSSP) - Special Road Fund - Motor Vehicle Users Charge (MVUC) as per R.A. 11239  Installation of Road Safety Devices, Pagadian City- Zamboanga City Rd (Licomo-Putik Road) - K1889 + 000 - K1927 + 000, Zamboanga City			Convergence and Special Support Program (CSSP) - Special Road Fund - Motor Vehicle Users Charge (MVUC) as per R.A. 11239  Installation of Road Safety Devices, Pagadian City- Zamboanga City Rd (Licomo-Putik Road) - K1889 + 000 - K1927 + 000, Zamboanga City		
Type of Work/ Physical Target	Unit Cost	Allocation	Type of Work/ Physical Target	Unit Cost	Estimated Cost
CW1- Road Safety: Street Lighting/ 38.01 Km	P 3,808,208.36 /Km	P 144,750,000.00	CW1- Road Safety: Street Lighting/ 950.00 No. of Units	P 97,969.73 /No. of Units	P 93,071,245.95
			CW2- Road Safety: Road Signs/ 560.0 Number of Signs	P 12,048.17 /Number of Signs	P 6,746,977.76
			CW3- Road Safety: Pavement Markings/ 111.818 Lane Km	P 160,125.66 /Lane Km	P 17,904,931.22
			CW4 Road Safety: Guardrails/ 7,563.0 Meters	P 3,573.56 /Meters	P 27,026,845.07
EAO	-	P 5,250,000.00	EAO		P 5,250,000.00
Total:		P 150,000,000.00	Total:		P 150,000,000.00

**Justification:**

- Change in the unit of measure of CW1 – Road Safety: Street Lighting from "km" to "No. of Units" as per D.O. 26 s2023. The project involves the use of Solar powered Led lightings, with 150 watts lamp wattage, 60 to 310 watts operating voltage of solar photovoltaic panel with polycrystalline silicon material and intelligent control for circuit protection. The Pole height is 10 meters with 1.5 meters mast arm. Pole set back is 0.8 meters - spacing pattern is Staggered, with spacing distance between the lights for a 13.4-meter road width is between 10-25 meters preferably 15 meters spacing.
- Inclusion of CW2 – Road Safety: Road Signs to provide directions and warnings to the motorist.
- Inclusion of CW3 – Road Safety: Pavement Markings to delineate roadway paths and specific traffic lanes.
- Inclusion of CW4 – Road Safety: Guardrails to provide safer roads along steep slopes and lessen the severity of crashes.
- The derived unit cost is based on the approved Detailed Unit Price Analysis (DUPA) and Program of Works (POW) and is compliant to attached D.O. 26 s2023.

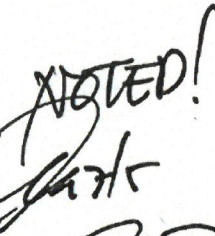
Based on our evaluation, the submitted request for modification of the said project is in order; hence, approval hereof is recommended.

  
**ADOR G. CANLAS**


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

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

**APPROVED/DISAPPROVED:**

  
**MANUEL M. BONOAN**  
Secretary

2.3 mksa/OAL/AVS/AGC/ERP

Department of Public Works and Highways  
Office of the Secretary



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