

construction of
Slope Collapse -
Secondary Roads -
Magayan de Oro
- 1 - KI321 +



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

Reference Number:	XI-016
Project ID:	P00832695MN

April 22, 2024

MEMORANDUM

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

This refers to the memorandum dated 12 April 2024, of **DPWH Region XI Director JUBY B. CORDON** endorsing the request of **OIC District Engineer LILIBETH M. SARMIENTO, Davao City Sub-District Engineering Office**, for the approval of Modification of the hereunder project under FY 2024 General Appropriations Act (GAA), to wit;

As per GAA/Original			As Modified		
Project Description					
UACS No. 300204101477000. Project ID: P00832695MN. Convergence and Special Support Program - Construction/Improvement of Access Roads leading to Trades, Industries and Economic Zones (Roads Leveraging Linkages for Industry and Trade Infrastructure Program - ROLL-IT) . Sitio Tibungol-Purok 13 Road connecting to future Cacao & Coconut Processing Area in Support of Cacao, Banana & Coconut Industries of Barangay Pandaitan, Paquibato District, Davao City, Davao del Sur .			Convergence and Special Support Program - Construction/Improvement of Access Roads leading to Trades, Industries and Economic Zones (Roads Leveraging Linkages for Industry and Trade Infrastructure Program - ROLL-IT) . Sitio Tibungol-Purok 13 Road connecting to future Cacao & Coconut Processing Area in Support of Cacao, Banana & Coconut Industries of Barangay Pandaitan, Paquibato District, Davao City, Davao del Sur .		
Type of Work/Physical Target	Unit Cost	Allocation	Type of Work/Physical Target	Unit Cost	Estimated Cost
CW1- Construction of Concrete Road: 0.951 Lane Km	P 20,609,884.33/ Lane km	P 19,600,000.00	CW1- Construction of Concrete Road: 0.600 Lane Km	P 17,476,666.67/ Lane km	P 10,486,000.00
			CW2- Construction of Road Slope Protection Structure/ 240.00 square meters	P 34.8 M/k P 37,975.00/ square meter	P 9,114,000.00
EAO	-	P 400,000.00	EAO	-	P 400,000.00
		Total: P 20,000,000.00			Total: P 20,000,000.00

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



AG-20-202404-01183

Justification:

Decrease in physical target/decrease in component cost for CW-1 - Construction of Concrete Road from 0.951 lane km to 0.600 lane km due to the following:

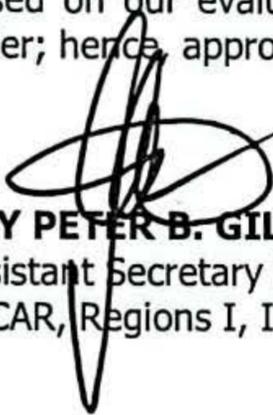
- Project involves concreting of road 0.20m thk PCCP with gravelling of shoulders 1.5m wide instead of the initial proposal of concreting of road with paving of shoulders;
- To prioritize the construction of slope protection structure (CW-2) to protect the road from scouring;
- Slope protection was separated as a different component (originally incorporated in CW1) since more than 10% of the project cost, hence, lesser unit cost for concreting;
- Project also involves surplus common excavation of 14,716.58 cu. m. and application of thermoplastic pavement markings (white).

Additional type of work CW-2 - Construction of Road Slope Protection Structure with substantial cost due to the following:

- The road project requires substantial amount for construction of slope protection structure, hence, a separate component. Project design requires retaining wall with height of 6m, separation geotextile spaced at every 0.5m with 5m anchorage length, erosion control mat (type V) and hydroseeding of 240 square meters, since the road is highly susceptible to scouring and landslides; and
- Project also involves other miscellaneous works such as construction of lined canal (grouted riprap = 387.00 ln. m.; 910 mm dia. RCPC), and installation of metal guardrails including post with metal beam end piece.

Attached also are the following supporting documents: Approved Program of Works (POW) with Detailed Unit Price Analysis (DUPA), Approved Detailed Engineering Design (DED), Certificated 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

APPROVED / ~~DISAPPROVED~~:


EUGENIO R. PIRO, JR.

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

2.3 mksa/AVS/RPBG/ERP