



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



May 20, 2025

**MEMORANDUM**

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

This refers to the memorandum dated 5 March 2025 of **DPWH Region XII Director BASIR M. IBRAHIM**, endorsing the request for the **modification** of the project under FY 2025 GAA, to wit;


As per GAA/Original			As Modified		
Project Description					
<b>UACS No. 310108102053000</b> <b>Project ID: P00909170MN</b>  OO1: Ensure Safe and Reliable National Road System – Asset Preservation Program - Rehabilitation/ Reconstruction of Roads with Slips, Slope Collapse, and Landslide - Secondary Roads  General Santos City-T'Boli-Surallah Rd - (S01483MN) <b>Chainage 17668 - Chainage 17683, Chainage 18484 - Chainage 18514, Chainage 18550 - Chainage 18595, Chainage 18692 - Chainage 18710</b>			 OO1: Ensure Safe and Reliable National Road System – Asset Preservation Program - Rehabilitation/ Reconstruction of Roads with Slips, Slope Collapse, and Landslide - Secondary Roads  General Santos City-T'Boli-Surallah Rd - (S01483MN) <b>K1682 + 674 – K1682 + 748.98, K1683 + 915 – K1684 + 012, K1685 + 106 – K1685 + 204, K1686 + 113 – K1686 + 136, K1686 + 184 – K1686 + 232</b>		
Type of Work/ Physical Target	Unit Cost	Allocation	Type of Work/ Physical Target	Unit Cost	Estimated Cost
CW-1- Construction of Road Slope Protection Structure:  <b>8,000.00</b> Square meters	<b>P 24,125.00 /</b> Square meter	P 193,000,000.00	CW-1- Construction of Road Slope Protection Structure:  <b>6,432.50</b> Square meters	<b>P 30,003.89 /</b> Square meter	P 193,000,000.00
EAO	–	P 7,000,000.00	EAO	–	P 7,000,000.00
<b>Total:</b>		<b>P 200,000,000.00</b>	<b>Total:</b>		<b>P 200,000,000.00</b>

**Justification:**

- Decrease in the physical target/ increase in the unit cost due to the usage of 5,869.50 square meters Mechanically-Stabilized Earth (MSE) Retaining Walls based on the approved Detailed Engineering Design which accounts to 78.571% of the total direct cost.
- The project includes voluminous Earthworks such as 41,343 cubic meters Embankment form Roadway/ Structure Excavation, 32,610 cubic meters Embankment from borrow, 714 square meters Removal of Actual Structures/Obstruction (0.15m and 0.28m thick PCCP), 11,760 cubic meters Surplus Common Excavation, etc. which accounts to 18.36% of the total direct cost.

- The project also includes Surface Courses such as 503 square meter-0.28m thick Portland Cement Concrete Pavement (PCCP) for reconstruction of carriageway and 23 square meter-0.15m thick PCCP for Shoulder.
- Miscellaneous Structures such as 147 Linear meters Metal Guardrails and 59 square meters ReflectORIZED Pavement Markings were also included.
- General Santos City-T'boli-Surallah Rd was converted into National Secondary Road as per D.O 141 series 2022 and Locational Reference Points (LRPs) were already established in the said road. Hence, change from Chainages to Locational Reference Points (LRPs)/ station limits was made. See attached Straight Line Diagram (SLD) and Road Inventory Survey Field Sheet "B" showing the equivalent chainages of LRPs.
- New station limits for the project were introduced to avoid overlapping with FY 2024 Slope Protection project (P00800505MN) and to prioritize the road segments that urgently need slope protection structures where road slips and scouring have occurred.
- The derived unit cost is based on approved Detailed Unit Price Analysis (DUPA) and Program of Works (POW).

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

  
**EUGENIO R. PIPO, JR.**  
Undersecretary 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:**

  
**MANUEL M. BONOAN**  
Secretary

Department of Public Works and Highways  
Office of the Secretary



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