



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

Reference Number:	<b>XI-244</b>
Project ID:	<b>P00551497MN</b>

May 18, 2021

**MEMORANDUM**

**FOR :** **MARK A. VILLAR**  
Secretary  
This Department

This refers to the memorandum dated 06 May 2021 of **DPWH Region XI OIC-Director REY PETER B. GILLE** endorsing the request of **District Engineer RICHARD A. RAGASA, Davao City District Engineering Office**, for the approval of Modification of the hereunder project covered by CY 2021 General Appropriation Act (GAA), to wit;

covered by CY 2021 General Appropriation Act (GAA), to wit,

As per GAA/Original			As Modified		
Project Description					
<b>UACS No. 300118200395000</b> <b>Project ID : P00551497MN</b>					
Local Program - Local Roads and Bridges - Local Bridges - Construction / Repair / Rehabilitation / Improvement of Various Infrastructure including Local Projects			Local Program - Local Roads and Bridges - Local Bridges - Construction / Repair / Rehabilitation / Improvement of Various Infrastructure including Local Projects		
Construction (Completion) of Asico Bridge (Asico Village) Matina Pangi, Davao (Phase 2)			Construction (Completion) of Asico Bridge (Asico Village) Matina Pangi, Davao (Phase 2)		
Type of Work/ Physical Target	Unit Cost	Allocation	Type of Work/ Physical Target	Unit Cost	Estimated Cost
CW1 – Construction of Bridge/  0.000 sq.m.	-	₱ 39,200,000.00	CW1 – Construction of Bridge/  <b>1,940.60</b> sq.m	₱ <b>20,199.94/</b> sq.m <b>40 Lm of bridge</b>	₱ 39,200,000.00
EAO	-	₱ 800,000.00	EAO	-	₱ 800,000.00
<b>Total</b>		<b>₱ 40,000,000.00</b>	<b>Total</b>		<b>₱ 40,000,000.00</b>

**Justification:**

Construction (completion) of bridge has substantial cost due to the following:

- Physical target as per design is 1,940.60 sq. m.
- This project considers the bridge approaches including slope protection works only since it is the completion of the bridge project that was funded under FY 2020 GAA (P00444354MN) with a length of 40 meters;
- Project design requires construction of Mechanical Stabilized Earth (MSE) wall and retaining wall for slope protection of the bridge as part of its completion;
- It involves geotextile (15,907.40 sq. m.) and articulated concrete blocks (1,296.60 sq. m.) for the construction of MSE wall with a length of 320m and average height of 4.05m retaining wall with length of 120m and average height of 5.37m and rubble concrete for slope protection for the transitions of the three (3) bridge approaches with a maximum height of 2.5m and lengths of 30m (both sides), 60m and 50m (both sides);
- In addition, it has massive earthwork requirement in as much as 2,786 cu.m. embankment from borrow (common soil), 169 cu.m. embankment from roadway excavation (common soil) and 3,812.94 cu.m. of aggregate subbase course as embankment material for the MSE wall; and
- Scopes of work also include installation of regulatory signs and other miscellaneous structures such as metal guardrail (metal beam) including post (single, W-beam) and metal beam end piece (bull nose).



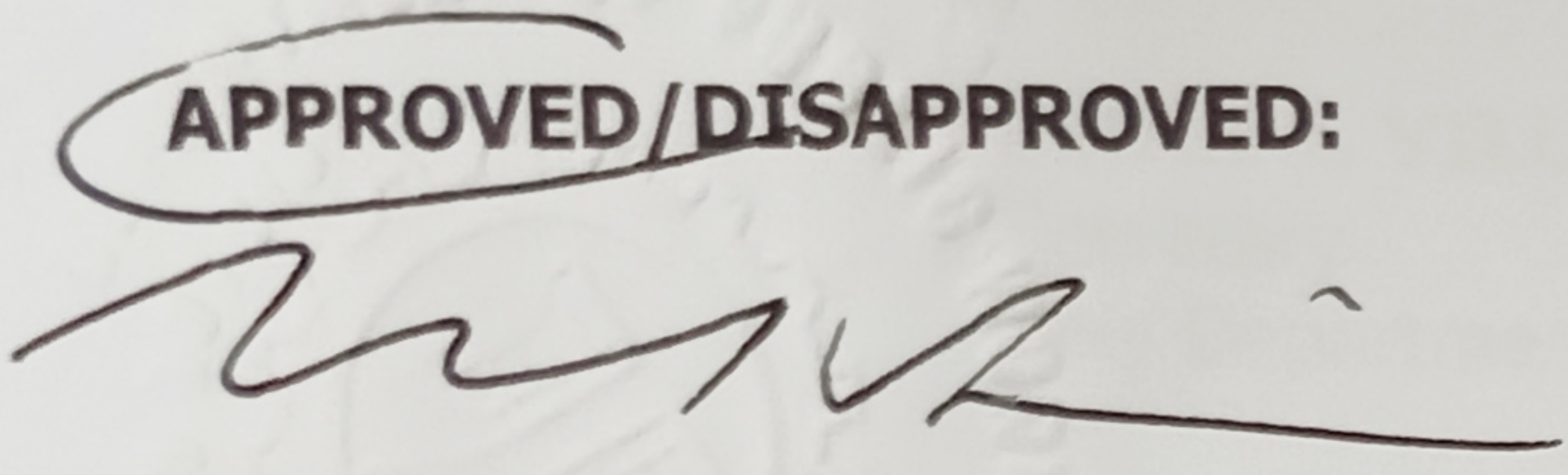
Based on our evaluation, the submitted request for modification is in order, hence, it is respectfully recommended to the Secretary for his consideration and approval.

*See MS Cert  
in Cat Reamblers*

  
**EUGENIO R. RIPO, JR.**

Undersecretary for Regional Operations in Mindanao

**APPROVED/DISAPPROVED:**

  
**MARK A. VILLAR**

Secretary

2.3 aap/LCA/AVS/AGC/ERP

Department of Public Works and Highways  
Office of the Secretary



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