



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

Reference Number: **XI-176**  
Project ID: **P00537449MN**

April 29, 2021

**MEMORANDUM**

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

This refers to the memorandum dated 16 April 2021 of **DPWH Region XI OIC-Director REY PETER B. GILLE** endorsing the request of **District Engineer DANIEL A. JARAVATA, Compostela Valley District Engineering Office**, for the approval of Modification of the hereunder project covered by CY 2021 General Appropriation Act (GAA), to wit;

| As per GAA/Original   |                             |                 | As Modified  |   |                 |
|---|-----------------------------|-----------------|--|---|-----------------|
| Project Description   |                             |                 |  |   |                 |
| UACS No. 300203101908000<br>Project ID : P00537449MN  |                             |                 |  |   |                 |
| Convergence and Special Support Program - Construction/ Improvement of Access Roads leading to Declared Tourism Destinations  |                             |                 | Convergence and Special Support Program - Construction/ Improvement of Access Roads leading to Declared Tourism Destinations |   |                 |
| Andap Road leading to Kalamokan Whitewater Rafting Site, Brgy. Andap, New Bataan, Compostela Valley   |                             |                 | Andap Road leading to Kalamokan Whitewater Rafting Site, Brgy. Andap, New Bataan, Compostela Valley                          |   |                 |
| Type of Work/<br>Physical Target  | Unit Cost                   | Allocation      | Type of Work/<br>Physical Target   | Unit Cost   | Estimated Cost  |
| CW1 - Construction of Concrete Road/<br>1.822 lane km   | ₱ 10,085,071.35/<br>lane km | ₱ 18,375,000.00 | CW1 - Construction of Concrete Road/<br>0.812 lane km  | ₱ 22,629,310.34/<br>lane km<br><i>₱ 45.2 m/k.</i> | ₱ 18,375,000.00 |
| EAO   | -                           | ₱ 375,000.00    | EAO  | -   | ₱ 375,000.00    |
| Total   |                             | ₱ 18,750,000.00 | Total  |   | ₱ 18,750,000.00 |
| <b>Justification:</b> <i>55% dec in target; 58% is earthwork.</i><br>Decrease in physical target for concreting from 1.822 lane km to 0.812 lane km due to the following:   |                             |                 |  |   |                 |
| <ul style="list-style-type: none"><li>Road traverses on a mountainous terrain for the entire section instead of the anticipated rolling terrain with portions of mountainous terrain;</li><li>The design of road requires <u>substantial excavation works</u> (mostly soft rock) with a total volume of 33,277 cu.m. (side cuts of up to 20.6 meters) to conform with the DPWH Design Guidelines and Standards (Horizontal and Vertical Alignment and Road Width). As such, higher unit cost;</li><li>The Portland Cement Concrete Pavement (PCCP) used is 14-day concrete instead of the usual 28-day concrete for the 2-lane road with 6.7m width;</li><li>Project includes construction of drainage structures with pipe culvert (Class 'V, RCPC) - 910 mm (13 In.m.) and stone masonry (8 cu.m.); and</li><li>Scope of work also includes application of reflectorized thermoplastic pavement markings.</li></ul> |                             |                 |  |   |                 |

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.

**EUGENIO R. PIPO, JR.**

Undersecretary for Regional Operations in Mindanao

**APPROVED/DISAPPROVED:**

**MARK A. VILLAR**  
Secretary

Department of Public Works and Highways  
Office of the Secretary



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