



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

May 15, 2017

**MEMORANDUM**

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

This refers to the memorandum dated 12 May 2017 of **DPWH CAR Director NERIE D. BUENO**, endorsing the request of District Engineer, **DOMINGO A. ENCISO** Upper Kalinga District Engineering Office, for the **modification** of the hereunder stated project:

| Location                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Project Description                                                                                                                                                                       |                                                                                                                                                                                           | Physical Target / Cost             |                                           |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------------------|
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | as per GAA                                                                                                                                                                                | as modified                                                                                                                                                                               | per<br>GAA/Original                | as modified                               |
| Balbalasang,<br>Balbalan,<br>Kalinga                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <b>UACS: 292003020402318</b>                                                                                                                                                              |                                                                                                                                                                                           |                                    |                                           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <b>MFO-2 Flood Management Services, Construction/ Maintenance of Flood Mitigation Structures and Drainage Systems</b><br>Construction of Maatop Flood Control along Saltan River, Kalinga | <b>MFO-2 Flood Management Services, Construction/ Maintenance of Flood Mitigation Structures and Drainage Systems</b><br>Construction of Maatop Flood Control along Saltan River, Kalinga | 600 Lm                             | 202 Lm                                    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                           |                                                                                                                                                                                           | <b>Unit Cost:</b><br>P16,666.67/Lm | <b>Unit Cost:</b><br><b>P49,504.95/Lm</b> |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                           |                                                                                                                                                                                           | <b>Allocation:</b><br>Php 10M      | <b>Estimated Cost:</b><br>Php 10M         |
| <b>Justification:</b> The original physical target of 600 Lm is reduced to 202 Lm (66.33% decreased) due to the change in the design of structure to be constructed, from an original design concept of 3.0 meters height grouted riprap to a 5.0 meters height gabion type revetment to hold and withstand impact of flood and the increased in water level during typhoon. The change in the design is necessary to attain a more stable structure to serve the purpose. This decrease in the physical target resulted to an increase in the unit cost from P16,666.67/l.m to P49,504.95/l.m (197%). |                                                                                                                                                                                           |                                                                                                                                                                                           |                                    |                                           |

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

**ROMEO S. MOWO**  
Undersecretary for Lazon Operations

**APPROVED /DISAPPROVED:**

**MARK A. VILLAR**  
Secretary

**RAFAEL C. YABUT**  
Senior Undersecretary  
Officer-in-Charge

Department of Public Works and Highways  
Office of the Secretary  
  
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**NOTE:** Copies of the approved project modification requests are forwarded to the Office of Undersecretary Maria Catalina E. Cabral, PhD, CESO I.