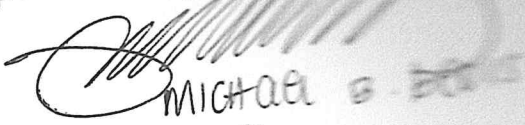


FEB 21 2023  
MEMORANDUM

FOR : MANUEL M. BONOAN  
Secretary  
This Department

Received :  
  
MICHAEL G. BONOAN  
E-2

This refers to the memorandum dated February 17, 2023, of **Regional Director VIRGILIO C. EDUARTE, DPWH Regional Office V**, endorsing the request of then **District Engineer RUBEN S. SANTOS Jr., DPWH Camarines Sur 2<sup>nd</sup> DEO**, for the approval of the **Modification** of the project under FY 2023 General Appropriation Act (GAA), to wit;

As per GAA/Original			As Modified		
Project Description					
UACS: 300219101629000 Project ID: P00736128LZ					
CONVERGENCE AND SPECIAL SUPPORT PROGRAM:  Sustainable Infrastructure Projects Alleviating Gaps (SIPAG) - Flood Mitigation Structures protecting Public Infrastructures/Facilities			CONVERGENCE AND SPECIAL SUPPORT PROGRAM:  Sustainable Infrastructure Projects Alleviating Gaps (SIPAG) - Flood Mitigation Structures protecting Public Infrastructures/Facilities		
Construction of Revetment along Libmanan River, Barangay Mambalite, Libmanan, Camarines Sur			Construction of Revetment along Libmanan River, Barangay Mambalite, Libmanan, Camarines Sur		
Physical Target	Unit Cost (P'000)	Allocation (P'000)	Physical Target	Unit Cost (P'000)	Allocation (P'000)
CW1 – Construction of Revetment  534.803 Lineal meters	126.308 / Lineal meter	67,550.00	CW1 – Construction of Revetment  85.000 Lineal meters	794.706 / Lineal meter	67,550.00
EAO –		2,450.00	EAO –		2,450.00
Total:		70,000.00	Total:		70,000.00
Justification: <ul style="list-style-type: none"><li>• Since the river section is within the Bicol River Basin which is frequently flooded and the river banks are prone to erosion, this flood control structure requires the following design elements: 9-meter-deep steel sheet pile on concrete foundation, 9-meter-high gravity-type bank protection structure, and provision of buttress wall spaced at every 25 meters;</li><li>• Inclusion of drainage works and miscellaneous safety features (including reinforced concrete box culverts, flood gates, gutter, stairs and railings) which comprises 5.44% of the total estimated cost;</li><li>• Provision for the repair/maintenance including a crushed aggregate access roads of 350.0 meters going to the project;</li><li>• Provision for the construction of service road along the project to allow accessibility for heavy equipment; and</li><li>• Additional hauling cost to transport materials.</li></ul>					
Attached are the following supporting documents: <ul style="list-style-type: none"><li>• Certificate of Reasonableness of Cost Estimate, Certificate of Availability of Funds, Program of Works, Detailed Unit Price Analysis, GIS Map, Geotagged Photos and Detailed Engineering Design Plan.</li></ul>					

Based on our evaluation, the submitted request for modification of the said project is in order. Hence, the said request is hereby recommended for the Secretary's consideration and approval.

*myw*  
**ERIC A. AYAPANA**

Assistant Secretary for Regional Operations  
in NCR, Regions III, IV-A, IV-B, V, VI, VII and VIII

Recommending Approval:

*NOTED!*  
*This is a local FC project. The economic + technical viability since cost is very high for local FC project.*  
*[Signature]*  
**MARIA CATALINA E. CABRAL, Ph.D., CESO I**

Undersecretary for Planning  
and Public-Private Partnership Services

*[Signature]*  
**ROBERTO R. BERNARDO, CESO I**

Undersecretary for Regional Operations  
in NCR, Regions III, IV-A, IV-B, V, VI, VII, and VIII

**APPROVED/DISAPPROVED:**

*[Signature]*  
**MANUEL M. BONOAN**

Secretary

Department of Public Works and Highways  
Office of the Secretary



WIN3F07539

2.6 BCL/EAA/RRB

P00736128LZ