## DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS

## **CENTRAL OFFICE**





**FOR** 

MANUEL M. BONOAN

Secretary

This Department

This refers to the memorandum dated March 7, 2023, of **Regional Director VIRGILIO C. EDUARTE, DPWH Regional Office V**, forwarding the request of **OIC-District Engineer LEANDRO O. VISORDE, 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/Origina	al and the state of the state o		As Modified	
		Project D	escription		
UACS: <b>320101109076000</b>					
Project ID: P00	726956LZ	e <sup>1</sup>			
ORGANIZATIONAL OUTCOME 2 : Protect Lives and Properties Against Major Floods			ORGANIZATIONAL OUTCOME 2 : Protect Lives and Properties Against Major Floods		
Construction/ Maintenance of Flood Mitigation Structures and Drainage Systems -			Construction/ Maintenance of Flood Mitigation Structures and Drainage Systems -		
Construction of Flood Control along Libmanan River,			Construction of Flood Control along Libmanan River,		
Brgy. Mambalite, Libmanan, Camarines Sur			Brgy. Mambalite, Libmanan, Camarines Sur		
Physical Target	Unit Cost	Allocation (P'000)	Physical Target	Unit Cost (₱'000)	Allocation (P'000)
CW1 -		72,375.00	CW1 -	795.330	72,375.00
Construction of Flood	126.308		Construction of	/ Lineal meters	
Mitigation Structure	/ Lineal		Flood Mitigation		
	meters		Structure		
573.003 Lineal meters			91 Lineal meters		
EAO -		2,625.00	EAO		2,625.00
Total:		75,000.00	Total:		75,000.00

## Justification:

- Since the river section is within the Bicol River Basin which is frequently flooded and the river banks are prone to erosion, this 3-berm 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 or buttress wall spaced at every 25 meters;
- Inclusion of drainage works (including gutter, stairs and railings) which comprises 2.86% of the total direct cost;
- Additional hauling cost to transport materials; and
- Adoption of canvassed prices for particular materials which are affected by extraordinary price increase.

Attached are the following supporting documents:

 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.



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.

NERIE D. BUENO, CESO III

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

Recommending Approval:

CATALINA E. CABRAL. Ph.D., CESO I

Undersecretary for Planning

and Public-Private Partnership Services

ROBERTO RE BERNARDO, CESO I

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

APPROVED/DISAPPROVED:

MANUEL M. BONOAN Secretary

Department of Public Works and Highways Office of the Secretary

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