



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

May 19, 2023

**MEMORANDUM**

**TO :** **RD REYNALDO C. ALCONCEL**  
DPWH – Region II  
Regional Government Center, Carig Sur Tuguegarao City, Cagayan

**ATTENTION :** **DE OSCAR G. GUMIRAN**  
Cagayan 1st District Engineering Office  
Aparri, Cagayan

Transmitted herewith are the **APPROVED** requests for the **modification** of hereunder stated projects:

1. OO2: Protect Lives and Properties Against Major Floods - Construction/ Maintenance of Flood Mitigation Structures and Drainage Systems - Rehabilitation of Flood Control Structure, Baraccaoit, Gattaran, Cagayan Package III - Sta 0+777 – Sta 1+253 - - - **P75,000,000.00**
2. OO2: Protect Lives and Properties Against Major Floods - Construction/ Maintenance of Flood Mitigation Structures and Drainage Systems - Rehabilitation of Flood Control Structure, Baraccaoit, Gattaran, Cagayan Package II - Sta. 0+293 – Sta 0+777- - - **P75,000,000.00**

Please be reminded that all approved modifications **shall be posted in the DPWH website within five (5) days** from its approval. Failure to comply with this requirement shall be dealt with accordingly.

  
**ADOR G. CANLAS**

Assistant Secretary for Regional Operations in  
CAR, Regions I, II, IX, X, XI, XII and XIII

2.3 LDAM/AVS/AGC/ERP

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DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS  
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Manila

April 27, 2023

**MEMORANDUM**

**FOR :** **MANUEL M. BONOAN**  
Secretary  
This Department

This refers to the memorandum dated April 19, 2023 of **DPWH Region II OIC Director REYNALDO C. ALCONCEL**, endorsing the request of **District Engineer OSCAR G. GUMIRAN**, Cagayan first DEO, for the **modification** of the project under FY 2023 GAA, to wit;

As per GAA/Original			As Modified		
Project Description					
<b>UACS No. 320101108798000</b> <b>Project ID: P00726878LZ</b>  OO2: Protect Lives and Properties Against Major Floods - Construction/ Maintenance of Flood Mitigation Structures and Drainage Systems  Rehabilitation of Flood Control Structure, Baraccaoit, Gattaran, Cagayan Package II			OO2: Protect Lives and Properties Against Major Floods - Construction/ Maintenance of Flood Mitigation Structures and Drainage Systems  Rehabilitation of Flood Control Structure, Baraccaoit, Gattaran, Cagayan Package II - <b>Sta. 0+293 – Sta 0+777</b>		
Type of Work/ Physical Target	Unit Cost	Allocation	Type of Work/ Physical Target	Unit Cost	Estimated Cost
CW1- Rehabilitation / Major Repair of Flood Control Structure: <b>602.313 lm</b>	P 120,161.78/ lane km	P 72,375,000.00	CW1- Rehabilitation / Major Repair of Flood Control Structure: <b>484.00 lm</b>	P 149,535.12/ lane km	P 72,375,000.00
EAO	-	P 2,625,000.00	EAO	-	P 2,625,000.00
Total:		<b>P 75,000,000.00</b>	Total:		<b>P 75,000,000.00</b>
<b>Justification:</b> <i>Use of reinforced concrete/ steel sheet piles</i> <ul style="list-style-type: none"><li>Decrease in physical target/increase in unit cost of CW1- Rehabilitation/Major Repair of Flood Control Structure due to the following:<ul style="list-style-type: none"><li>The rehabilitation of flood control structure has the following design requirement: concrete revetment on 4.5 meters steel sheet piles with a double berm structure, with height of approximately 9.20 m. In comparison to the Package 1 which has a combination of single and double berm structure, the Package 2 is made of a double berm structure all throughout its length, thus the increase in some of its relevant items such as the boulder fill and concrete slope protection.</li><li>Massive earthwork, due to the removal of structures, structure excavation, foundation fill and embankment from borrow, which represents 1.592% of the total scope of work as reflected in the Certificate of Reasonableness of Cost Estimate.</li><li>Inclusion of retaining wall along the project length to support the embankment at the top bank. However, Package 2 required less retaining structure compared to that of the Package 1.</li><li>Also, to avoid the overlapping of workstations in the succeeding projects, station limits of the modified project are included in the project description.</li></ul></li><li>Attached are the following documents: GIS Map of the Proposed Project Work Location, Certificate of Availability of Funds, BP Form 202, Certificate of Reasonableness of Cost Estimates, Certificate of "No Overlapping" and "Not within Warranty Period", Geotagged photographs, Approved Programs of Work (POW) with Detailed Unit Price Analysis (DUPA), and Approved Detailed Engineering Plans (DED), Project Impact Analysis, and Multi-Hazard Map.</li></ul>					

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



**ADOR G. CANLAS**


Assistant Secretary for Regional Operations in CAR, Regions I, II, IX, X, XI, XII and XIII

**RECOMMENDING APPROVAL:**



**EUGENIO R. PIHO JR.**

Undersecretary for Regional Operations in  
CAR, Regions I, II, IX, X, XI, XII and XIII



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

Undersecretary for Planning and  
Public-Private Partnership Services

**APPROVED/~~DISAPPROVED~~:**



**MANUEL M. BONOAN**  
Secretary

2.3 LDAM/AVS/AGC/ERP

Department of Public Works and Highways  
Office of the Secretary



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