



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

May 16, 2023

**MEMORANDUM**

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

This refers to the memorandum dated 12 May 2023 of **DPWH Region IX Director CAYAMOMBAO D. DIA, CESO III**, requesting for the **modification** of the project under FY 2023 GAA, to wit;

As per GAA/Original			As Modified		
Project Description					
UACS No. 320101109333000 Project ID: P00721663MN  OO2: Protect Lives and Properties Against Major Floods - Construction/ Maintenance of Flood Mitigation Structures and Drainage Systems  Construction of Flood Control Structure along Seit-Tayungan-Camp Andres Road, Panamao, Sulu			OO2: Protect Lives and Properties Against Major Floods - Construction/ Maintenance of Flood Mitigation Structures and Drainage Systems  Construction of Flood Control Structure along Seit-Tayungan-Camp Andres Road, Panamao, Sulu		
Type of Work/ Physical Target	Unit Cost	Allocation	Type of Work/ Physical Target	Unit Cost	Estimated Cost
CW1- Construction of Flood Mitigation Structure/ 487.5 ln.m	₱ 138,564.10 /ln.m	₱ 67,550,000.00	CW1- Construction of Flood Mitigation Structure / 336.0 ln.m	₱ 201,041.67 /ln.m	₱ 67,550,000.00
EAO	—	₱ 2,450,000.00	EAO	—	₱ 2,450,000.00
Total:		₱ 70,000,000.00	Total:		₱ 70,000,000.00
<b>Justification:</b> <i>Up Cost. of Cost Rearrangement</i> <ul style="list-style-type: none"><li>• Increase in unit cost/decrease in physical target due to;<ul style="list-style-type: none"><li>✓ The <u>huge volume of Item 508(1) Handlaid Rock Embankment and Item 405(1)a3 Structural Concrete</u> with design thickness of 200mm to protect the river from scouring, resulted to the increase in the cost of Drainage and Slope Protection works, which constitutes 50.02% (₱ 33,790,211.39) of the total project cost.</li><li>✓ The design also includes the furnishing and <u>driving of structural steel sheet pile of length 6 meters per pile with a width of 0.40 meters</u>, which constitutes 49.12% (₱ 33,179,086.54) of the total project cost.</li><li>✓ Also, this project is located in an island where <u>material cost is extremely high due to double/triple handling cost.</u> Aggregates are being taken from Cotabato city since the source in Municipality of Panamao in the province of Sulu is limited.</li></ul></li><li>• The derived unit cost is based on the approved Program of Works (POW), and Detailed Unit Price Analysis (DUPA).</li></ul>					



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Total:		₱ 70,000,000.00	Total:		₱ 70,000,000.00

**Justification:**

- Increase in unit cost/decrease in physical target due to;
  - ✓ The huge volume of Item 508(1) Handlaid Rock Embankment and Item 405(1)a3 Structural Concrete with design thickness of 200mm to protect the river from scouring, resulted to the increase in the cost of Drainage and Slope Protection works, which constitutes 50.02% (₱ 33,790,211.39) of the total project cost.
  - ✓ The design also includes the furnishing and driving of structural steel sheet pile of length 6 meters per pile with a width of 0.40 meters, which constitutes 49.12% (₱ 33,179,086.54) of the total project cost.
  - ✓ Also, this project is located in an island where material cost is extremely high due to double/triple handling cost. Aggregates are being taken from Cotabato city since the source in Municipality of Panamao in the province of Sulu is limited.
- The derived unit cost is based on the approved Program of Works (POW), and Detailed Unit Price Analysis (DUPA).

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

**RECOMMENDING APPROVAL:**



**MARIA CATALINA E. CABRAL, Ph.D., CESO-I**  
Undersecretary for Planning  
and Public-Private Partnership Services



**EMIL K. SADAIN**  
Senior Undersecretary and Focal Person  
for BARMM Infrastructures

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



**MANUEL M. BONOAN**  
Secretary

Department of Public Works and Highways  
Office of the Secretary



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**RECOMMENDING APPROVAL:**

  
**MARIA CATALINA E. CABRAL, Ph.D., CESO I**  
Undersecretary for Planning  
and Public-Private Partnership Services

  
**EMIL K. SADAIN**  
Senior Undersecretary and Focal Person  
for BARMM Infrastructures

**APPROVED/DISAPPROVED:**

  
**MANUEL M. BONOAN**  
Secretary

06/06/23  


