



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

April 17, 2023

MEMORANDUM

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

This refers to the memorandum dated 14 March 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. 320102105920000 Project ID:P00721402MN					
OO2: Protect Lives and Properties Against Major Floods - Construction/ Rehabilitation of Flood Mitigation Facilities within Major River Basins and Principal Rivers			OO2: Protect Lives and Properties Against Major Floods - Construction/ Rehabilitation of Flood Mitigation Facilities within Major River Basins and Principal Rivers		
Construction of Flood Control at Sibuguey River along Imelda - Bayog - Kumalarang - Lapuyan- Margosatubig Road, Barangay Paradise, Diplahan, Zamboanga Sibugay Package 2			Construction of Flood Control at Sibuguey River along Imelda - Bayog - Kumalarang - Lapuyan- Margosatubig Road, Barangay Paradise, Diplahan, Zamboanga Sibugay Package 2		
Type of Work/ Physical Target	Unit Cost	Allocation	Type of Work/ Physical Target	Unit Cost	Estimated Cost
CW1- Construction of Flood Mitigation Structure/ 348.212 Lineal Meters	₱ 138,565.01 /Lineal Meters	₱ 48,250,000.00	CW1- Construction of Flood Mitigation Structure/ 84.60 Lineal Meters	₱ 570,330.97 /Lineal Meters	₱ 48,250,000.00
EAO	—	₱ 1,750,000.00	EAO	—	₱ 1,750,000.00
Total:		₱ 50,000,000.00	Total:		₱ 50,000,000.00
Justification: <i>Use of BOC Review. Use of Precast Concrete Piles / Steel Sheet Pile!</i>					
<ul style="list-style-type: none">The decrease in physical target/increase in unit cost is due to:<ul style="list-style-type: none">✓ The design involves Precast Concrete Piles of 16 meters in length at the land side spaced at 5 meters interval, and Structural Steel sheet Piles of 24 meters in length at the river side.✓ The design requires cross beams attached to the Precast Concrete Piles with the same spacing of 5 meters each to stabilize and avoid settlement of the flood control structure.✓ Also, the project includes a design thickness of 200mm of reinforce concrete, crest width of 4 meters, height of 7 meters from the top of pile cap, and hand-laid rock embankment which constitutes 11.17% (₱ 5,389,827.27) of the total project cost.✓ See attached plans for reference.The derived unit cost is based on the approved Program of Works (POW) and Detailed Unit Price Analysis (DUPA).The Certificate of Reasonableness of the estimates signed by the Regional Director is attached.See also the attached copy of Bureau of Construction (BOC) evaluation dated April 14, 2023.					

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

REY PETER B. GILLE, D.M.

OIC-Assistant Secretary for Technical Services
and Information Management Service, and
OIC – Office of Assistant Secretary for Regional Operations
in CAR, Regions I, II, IX, X, XI, XII, and XIII

RECOMMENDING APPROVAL:

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

Undersecretary for Planning
and Public-Private Partnership Services

EUGENIO B. PIPO, JR.

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

APPROVED/~~DISAPPROVED~~:

MANUEL M. BONOAN
Secretary

2.3 mksa/OAL/AVS/AGC/ERP

Department of Public Works and Highways
Office of the Secretary



WIN3E02867



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

April 17, 2023

MEMORANDUM

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

This refers to the memorandum dated 14 March 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. 320102105920000 Project ID:P00721402MN					
OO2: Protect Lives and Properties Against Major Floods - Construction/ Rehabilitation of Flood Mitigation Facilities within Major River Basins and Principal Rivers			OO2: Protect Lives and Properties Against Major Floods - Construction/ Rehabilitation of Flood Mitigation Facilities within Major River Basins and Principal Rivers		
Construction of Flood Control at Sibuguey River along Imelda - Bayog - Kumalarang - Lapuyan- Margosatubig Road, Barangay Paradise, Diplahan, Zamboanga Sibugay Package 2			Construction of Flood Control at Sibuguey River along Imelda - Bayog - Kumalarang - Lapuyan- Margosatubig Road, Barangay Paradise, Diplahan, Zamboanga Sibugay Package 2		
Type of Work/ Physical Target	Unit Cost	Allocation	Type of Work/ Physical Target	Unit Cost	Estimated Cost
CW1- Construction of Flood Mitigation Structure/ 348.212 Lineal Meters	₱ 138,565.01 /Lineal Meters	₱ 48,250,000.00	CW1- Construction of Flood Mitigation Structure/ 84.60 Lineal Meters	₱ 570,330.97 /Lineal Meters	₱ 48,250,000.00
EAO	–	₱ 1,750,000.00	EAO	–	₱ 1,750,000.00
Total:		₱ 50,000,000.00	Total:		₱ 50,000,000.00

Justification:

- The decrease in physical target/increase in unit cost is due to;
 - ✓ The design involves Precast Concrete Piles of 16 meters in length at the land side spaced at 5 meters interval, and Structural Steel sheet Piles of 24 meters in length at the river side.
 - ✓ The design requires cross beams attached to the Precast Concrete Piles with the same spacing of 5 meters each to stabilize and avoid settlement of the flood control structure.
 - ✓ Also, the project includes a design thickness of 200mm of reinforce concrete, crest width of 4 meters, height of 7 meters from the top of pile cap, and hand-laid rock embankment which constitutes 11.17% (₱ 5,389,827.27) of the total project cost.
 - ✓ See attached plans for reference.
- The derived unit cost is based on the approved Program of Works (POW) and Detailed Unit Price Analysis (DUPA).
- The Certificate of Reasonableness of the estimates signed by the Regional Director is attached.
- See also the attached copy of Bureau of Construction (BOC) evaluation dated April 14, 2023.

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


REY PETER B. GILLE, D.M.

OIC-Assistant Secretary for Technical Services
and Information Management Service, and
OIC – Office of Assistant Secretary for Regional Operations
in CAR, Regions I, II, IX, X, XI, XII, and XIII

RECOMMENDING APPROVAL:


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

Undersecretary for Planning
and Public-Private Partnership Services


EUGENIO R. PIPO, JR.

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

APPROVED/DISAPPROVED:


MANUEL M. BONOAN
Secretary

2.3 mksa/OAL/AVS/AGC/ERP