



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



July 02, 2024

MEMORANDUM

FOR : MANUEL M. BONOAN
Secretary
This Department

This refers to the memorandum dated 25 April 2024 of DPWH Region XII Director BASIR M. IBRAHIM, endorsing the request of Assistant District Engineer ARCADIO G. RAYRAY, JR., "For and in the Absence of the District Engineer", Cotabato 3rd District Engineering Office, for the modification of the project under FY 2024 GAA, to wit;

As per GAA/Original			As Modified		
Project Description					
UACS No. 320101111434000 . Project ID: P00820100MN . OO2: Protect Lives and Properties - Construction/ Maintenance of Flood Mitigation Structures and Drainage Systems . Construction of M'lang River Flood Control Project (Downstream of M'lang Bridge, Left Side), Barangay Poblacion A, M'lang, Cotabato .			OO2: Protect Lives and Properties - Construction/ Maintenance of Flood Mitigation Structures and Drainage Systems - Construction of M'lang River Flood Control Project (Downstream of M'lang Bridge, Left Side), Barangay Poblacion A, M'lang, Cotabato -		
Type of Work/ Physical Target	Unit Cost	Allocation	Type of Work/ Physical Target	Unit Cost	Estimated Cost
CW-1 Construction of Flood Mitigation Structure: 951.65 Lineal Meters (lm)	P 133,851.73/ Lineal Meters	P 127,380,000.00	CW-1 Construction of Flood Mitigation Structure: 480.00 Lineal Meters (lm)	P 264,816.10 / Lineal Meters	P 127,111,730.00
EAO	-	P 4,620,000.00	EAO	-	P 4,610,270.00
EXCESS	-	-	EXCESS	-	P 278,000.00
Total:		P 132,000,000.00	Total:		P 132,000,000.00

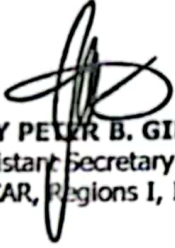
Excess to be returned to TS N/m 30 days
from receipt time
Website: www.dpw.gov.ph
Tel. No(s): 5304 - 3000 / (02) 165-02
AG-60-202407-02621



Justification:

- Decrease in physical target / increase in unit cost is due to the terrain of the bank which necessitates an increment to the amount of item 1704(1)b Embankment from borrow required and the incorporation of item 1701(1) Unsuitable Excavation and item 1702(1)a Structure excavation Common Soil to the program.
- The increased quantity of item 1704 (1)b Embankment from Borrow is due to the raised height of the structure, necessary to provide additional stability and strength to withstand water pressure and erosion. The inclusion of item 1701(1) Unsuitable Excavation addresses significant siltation, which leads to the undesirable accumulation of sediments near the project location, thereby enhancing the structure's effectiveness. Furthermore, this addition will improve river flow and reduce pressure on the structure. The addition of item 1701(1)a Structure Excavation of Common Soil is to comply with the design requirements for the berm due to the increased height.
- DO 100 s2020, when the vertical height of the structure exceeds 4 meters, it is mandatory to integrate a berm according to the specifications provided in the DO, detailing its dimensions and design. Thus, the project has one (1) berm, since the total height of the structure is 8 meters. The foundation utilized for the flood control structure consists of Z-type steel sheet piles, each with a length of 8 meters. These parameters significantly impact the increase in the unit price of the project.
- The derived unit cost is based on approved Detailed Unit Price Analysis and Program of Works.
- The original amount of the project was P132,000,000.00, however, upon evaluation by the Bureau of Construction, the amount was reduced to P131,722,000.00 due to corrections, and thus, there is an excess amount of P278,000.00. See attached.

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


Subject to Cost Validation

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


EUGENIO B. PIRO, JR.
Undersecretary for Regional Operations
in CAR, Regions I, II, IX, X, XI, XII, and XIII

APPROVED/DISAPPROVED:


MANUEL M. BONOAN
Secretary

Department of Public Works and Highways
Office of the Secretary

WIN4XW00125