



DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
OFFICE OF THE SECRETARY
Manila



June 11, 2024

MEMORANDUM

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

This refers to the memorandum dated **10 June 2024** of **DPWH CAR Regional Director KHADAFFY D. TANGGOL**, requesting for the **modification** of the project under FY 2024 GAA, to wit;

As per GAA/Original			As Modified		
Project Description					
UACS No.: 320101110494000 Project ID: P00823318LZ OO2: Protect Lives and Properties Against Major Floods – Flood Management - Construction/ Maintenance of Flood Mitigation Structures and Drainage Systems Construction of Dalimuno, Bantay Flood Control Along Chico River (Sta. 1+160 - Sta. 2+110), Bantay, Tabuk City, Kalinga			OO2: Protect Lives and Properties Against Major Floods – Flood Management - Construction/ Maintenance of Flood Mitigation Structures and Drainage Systems Construction of Dalimuno, Bantay Flood Control Along Chico River (Sta. 100+023 – Sta. 100+430), Bantay, Tabuk City, Kalinga		
Type of Work/ Physical Target	Unit Cost	Allocation	Type of Work/ Physical Target	Unit Cost	Estimated Cost
CW1- Construction of Flood Mitigation Structure / 869 Lineal Meters	P 111,047.18/ Lineal Meters	P 96,500,000.00	CW1- Construction of Flood Mitigation Structure / 449 Lineal Meters	P 213,475.62/ Lineal Meters	P 95,850,555.00
EAO	–	P 3,500,000.00	EAO	–	P 3,476,445.00
			EXCESS		P 673,000.00
Total:		P100,000,000.00	Total:		P100,000,000.00

Justification:

Change in Station Limits and Decrease in Target in the Project Description for CW1 - Construction of Flood Mitigation Structure due to the following:

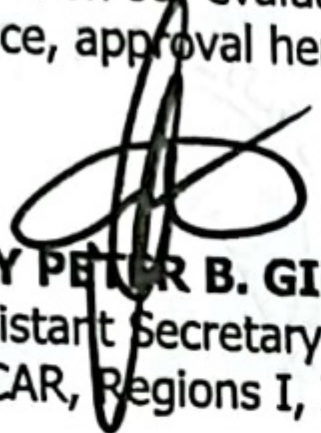
- The change in station limit of the project is the result of the river's actual station limits and proper reckoning based on the actual survey data gathered with reference to the available river alignment data. The original station limit was reckoned from the river tributary.
- The increase in unit cost for CW1 is due to the inclusion of 5-meter long sheet piles as additional scour protection along the base of the proposed revetment. The provision of sheet piles was deemed necessary to provide the needed protection along structure's foundation and prevent the immediate scouring and collapse of the proposed revetment wall. Further, the incorporation of Geotextile tube will defer the embankment issues for the proposed revetment wall and will ensure stability of the entire structure. There is a need to adopt the geotextile tube to improve the design of the new/ future revetment projects since some of the existing structures along this river alignment were damaged by previous calamities.
- The unit cost has also been evaluated and reviewed by the Bureau of Construction (BOC). The original Php 100,000,000.00 estimated cost was reduced to Php 99,327,000.00 resulting to an excess of Php 673,000.00. See attached.
- The derived unit cost is based on the approved Program of Work (POW) with Detailed Unit Price Analysis (DUPA).

Attached are the following supporting documents: Approved Program of Works (POW) with Detailed Unit Price Analysis (DUPA), Detailed Engineering Design (DED), Certificate of Availability of Funds (CAF), BP 202, Geotagged photos, Hydraulic and Hydrologic Analysis, PIA, Master Plan, Certificate of No Overlapping and GIS Map.

AG-60-202406-02280

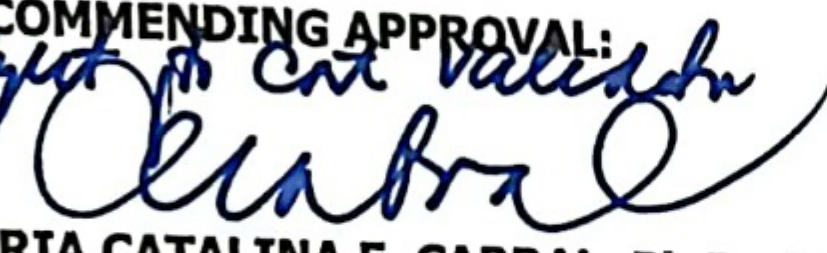
Attached are the following supporting documents: Approved Program of Works (POW) with Detailed Unit Price Analysis (DUPA), Detailed Engineering Design (DED), Certificate of Availability of Funds (CAF), BP 202, Geotagged photos, Hydraulic and Hydrologic Analysis, Certificate of Reasonableness, Evaluation of the Bureau of Construction dated May 28, 2024, PIA, Certificate of No Overlapping and GIS Map

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

RECOMMENDING APPROVAL:

subject is not valid

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

Undersecretary for Planning
and Public-Private Partnership Services


EUGENIO R. PIPO, SR.

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



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