



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

Number: XI-291
Project ID: P00551280MN

July 29, 2021

MEMORANDUM

FOR : **MARK A. VILLAR**
Secretary
This Department

This refers to the memorandum dated 27 July 2021 of DPWH Region XI OIC-Director REY PETER B. GILLE, endorsing the request of District Engineer DANIEL A. JARAVATA, Compostela Valley District Engineering Office, for the modification of the project under FY 2021 GAA, to wit;

As per GAA/Original			As Modified		
Project Description					
UACS No. 300117210271000 Project ID: P00551280MN Local Program - Local Roads and Bridges - Local Roads - Local Infrastructure Program Construction of Road from Purok 13 to Purok 9 Barangay Pasion, Monkayo, Davao de Oro			Local Program - Local Roads and Bridges - Local Roads - Local Infrastructure Program Construction of Road from Purok 13 to Purok 9 Barangay Pasion, Monkayo, Davao de Oro		
Type of Work/ Physical Target	Unit Cost	Allocation	Type of Work/ Physical Target	Unit Cost	Estimated Cost
CW1- Construction of Concrete Road / 1.842 lane-km	P 11,555,374.59/ lane-km	P21,285,000	CW1- Construction of Concrete Road / 0.760 lane-km	P 15,775,153.35/ lane-km	P11,989,116.74
-	-	-	CW2- Construction of Concrete Bridge / 146.400 sq.m.	P 63,496.47/ sq.m.	P9,295,883.26
EAO	-	P215,000	EAO	-	P215,000
Total:		P21,500,000	Total:		P21,500,000
Justification: Decrease in physical target for CW-1 (Construction of Concrete Road) from 1.842 lane km to 0.760 lane km and component costs due to the following:					
<ul style="list-style-type: none">Design for road concreting involves construction of 2-lane road with a width of 6.70m (280 mm thick) Portland Cement Concrete Pavement (PCCP) / 14-day concrete;The project prioritized the construction of bridge (additional component) to make the road passable, hence, decreased in physical target for road;Design of road includes 184.1 lm of transition ramp (gravel road) of which the cost was already incorporated in the cost for concreting since less than 10% (more or less 7%). However, it added to the increase in unit cost for concreting;Also, scope of work includes substantial earthworks since road concreting formed part of the approach of the bridge;The project also involves application of reflectorized thermoplastic pavement markings, and detour / access road of 140 lm.					
Additional work component - Construction of Concrete Bridge, with considerable unit cost due to the following:					
<ul style="list-style-type: none">As per actual survey, there is a river crossing the section of the road alignment which needs bridge construction to make the road passable;Bridge design is single span (20 lm) which involves construction of reinforced concrete deck girder using 10 - 400mm x 400mm reinforced concrete piles on Abutment A and B; andScope of work also includes construction of abutment protection using rubble concrete (208.66 cu.m.).The derived unit costs are based on 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.

EUGENIO R. PIPO, JR.

Undersecretary for Regional Operations in Mindanao

APPROVED/DISAPPROVED:

MARK A. VILLAR
Secretary

2-3 mksa/LCA/AVS/AGC/ERP

Department of Public Works and Highways
Office of the Secretary



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