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

March 11, 2020

MEMORANDUM

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

This refers to the memorandum dated March 05, 2020 of **DPWH Region XIII Director POL M. DELOS SANTOS,** requesting for the **modification** of the project under FY 2020 GAA, to wit;

As Approved/Originally			*As Modified*		
Project Description					
UACS No. 310204100602000 **Project ID: P00401173MN** OO1: Ensure Safe and Reliable National Road System – Network Development – Construction of Bypass and Diversion Roads Lianga Coastal Bypass Road (SDCR Alternate Route), Surigao del Sur			OO1: Ensure Safe and Reliable National Road System – Network Development – Construction of Bypass and Diversion Roads Lianga Coastal Bypass Road (SDCR Alternate Route), Surigao del Sur		
Type of Work/ Physical Target	**Unit Cost**	**Allocation**	**Type of Work/ Physical Target**	**Unit Cost**	**Estimated Cost**
CW1- Construction of Gravel Road: **1.437 lane km**	₱35,705,672/ Lane km	₱51,309,050	CW1- Construction of Gravel Road: **0.976 lane km**	₱61,989,014/ Lane km	**₱60,501,278**
CW2 – Construction of Concrete Road: **2.8 lane km**	₱24,125,000/ Lane km	₱67,550,000	CW2 – Construction of Concrete Road: **0.50 lane km**	₱8,229,589/ Lane km	**₱4,114,794**
ROW – ROW Acquisition: **4,120 sq.m.**	₱1,575/ Sq.m.	₱6,490,000	CW3 –Construction of Slope Protection Structure: **5,052.37 sq.m.**	₱11,976/ Sq.m.	**₱60,505,828**
EAO	-	₱4,310,950	EAO	-	**₱4,538,100**
	Total:	**₱ 129,660,000**		**Total:**	**₱ 129,660,000**

Justification: Since POW was deleted, the ROW funds shall be added to the sections/stations con

- Reduction of physical target for CW1 Construction of Gravel Road was due to the change of scope of work in lieu of change in section limit to prioritize construction of causeway at section 2 (sta. 0+854 – sta. 1+040) while relocation site for affected families at section 1 (sta. 0+053.68 – sta. 0+772) identified by Local Government Unit of Lianga are still under negotiation. The increase in cost per lane km was due to the high embankment at section 2 with an average height of 4.5m and provision of boulder fill necessary for soil stabilization.
- Reduction of physical target for CW2- Construction of Concrete Road was due to change of scope of work in lieu of change in section limit from concreting of section 1 (sta. 0+053.68 – sta. 0+772) to concreting of section 3 (sta. 1+250 – sta. 2+790). The decreased in Unit Cost was due to exclusion of items of work covered in the previous contract such as clearing and grubbing, roadway excavation, embankment from borrow,

subgrade preparation, aggregated sub-base course, drainage structures and slope protection works. The remaining works to complete section 3 involves pccp and sidewalk only.

- Inclusion of CW3- Construction of Slope Protection Structure at section 2 (sta. 0+854 – sta. 1+040) are necessary since the proposed road section will traverse along the coastline and the average height of embankment is more than 3.0 m. The cost for slope protection works involves geotextile, structural concrete lining and steel sheet piles. The 300mm thick structural concrete protection works will prevent erosion of embankment and protect the roadway from wave impact pressure while the steel sheet piles will prevent scouring of foundation.
- ROW acquisition was deleted since it was already included in the previous released and also since there are no structures to be affected in section 2 (sta. 0+854 – sta. 1+040).

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

DIMAS S. SOGUILON, CESO I
Undersecretary for Regional Operations in Mindanao

APPROVED/DISAPPROVED:

MARK A. VILLAR
Secretary

2.3 IMM/LCA/AVS/DSS

Department of Public Works and Highways
Office of the Secretary
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