

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

June 22, 2020

## MEMORANDUM

:

FOR

MARK A. VILLAR

Secretary This Department

This refers to the memorandum dated May 27, 2020 of **DPWH Region XI Director ALLAN S. BORROMEO**, endorsing the request of OIC-District Engineer **DANIEL A. JARAVATA**, Compostela Valley DEO, for the modification of the project under FY 2020 GAA, to wit;

Project Description         UACS No. 310109100491000 Project ID: P00400053MN         OO1: Ensure Safe and Reliable National Road System - Asset Preservation - Rehabilitation/ Reconstruction of National Roads with Slips, Slope Collapse, and Landslide - Tertiary Roads         OO1: Ensure Safe and Reliable National Road System - Asset Preservation - Rehabilitation/ Reconstruction of National Roads with Slips, Slope Collapse, and Landslide - Tertiary Roads       OO1: Ensure Safe and Reliable National Road System - Asset Preservation - Rehabilitation/ Reconstruction of National Roads with Slips, Slope Collapse, and Landslide - Tertiary Roads         Montevista-Compostela-Mati Bdry Rd - K1458 + 900 - K1458 + 925, K1460 + 840 - K1460 + 865, K1460 + 900 - K1450 + 915       Montevista-Compostela-Mati Bdry Rd - K1458 + 947 - K1458 + 985, K1459 + 870 - K1459 + 910, K1460 + 055 - K1460 + 096         Type of Work/ Physical Target (CVI- Construction of Road Slope Protection Structure/ sq.m.       Type of Work/ Physical Target P 23,520,000       Unit Cost Cost CVI- Construction of Road Slope Protection Structure/ sq.m.       Estimated Cost Cost Cost CVI- Structure/ sq.m.       P 23,520,000         Image: PAO       -       P 480,000       EAO       -       P 480,000         Image: Pacerase in physical target from 1,515.00 sq.m. to 1,070 sq.m. and Woth modification in project limits were due to the following:       Modification in station was based on the actual location of the priority sections with urgent need of slope protection structures to prevent scouring;         Modification in station was based on the actual location of the priority sections
Project ID: P00400053MN       OO1: Ensure Safe and Reliable National Road System -         Asset Preservation - Rehabilitation/ Reconstruction of National Roads with Slips, Slope Collapse, and Landslide -       OO1: Ensure Safe and Reliable National Road System -         Asset Preservation - Rehabilitation/ Reconstruction of National Roads with Slips, Slope Collapse, and Landslide -       Construction of Readslitation/ Reconstruction of National Roads with Slips, Slope Collapse, and Landslide -         Tertiary Roads       Montevista-Compostela-Mati Bdry Rd - K1458 + 900 -       Montevista-Compostela-Mati Bdry Rd - K1458 + 947 -         K1458 + 925, K1460 + 840 - K1460 + 865, K1460 +       Montevista-Compostela-Mati Bdry Rd - K1458 + 947 -       K1458 + 985, K1459 + 870 - K1459 + 910, K1460 +         900 - K1460 + 915       Type of Work/       Unit Cost       Allocation       Physical Target       Unit Cost         CW1- Construction of Road Slope Protection Structure/       \$15,524.75/       \$23,520,000       CW1- Construction of       \$21,981.31/       \$23,520,000         I_515.00 sq.m.       \$23,520,000       EAO       -       \$480,000       \$700 sq.m.       \$24,000,000       \$700 sq.m.       \$24,000,000       \$24,000,000       \$24,000,000       \$24,000,000       \$24,000,000       \$24,000,000       \$24,000,000       \$24,000,000       \$24,000,000       \$24,000,000       \$24,000,000       \$24,000,000       \$24,000,000       \$24,000,000       \$24,000,000
Asset Preservation - Rehabilitation/ Reconstruction of National Roads with Slips, Slope Collapse, and Landslide - Tertiary Roads       Asset Preservation - Rehabilitation/ Reconstruction of National Roads with Slips, Slope Collapse, and Landslide - Tertiary Roads         Montevista-Compostela-Mati Bdry Rd - K1458 + 900 - K1458 + 925, K1460 + 840 - K1460 + 865, K1460 + 900 - K1460 + 915       Montevista-Compostela-Mati Bdry Rd - K1458 + 947 - K1458 + 985, K1459 + 870 - K1459 + 910, K1460 + 055 - K1460 + 096         Type of Work/ Physical Target       Unit Cost       Allocation       Type of Work/ Physical Target       Unit Cost       Estimated Cost         CW1- Construction of Road Slope Protection Structure/ 1,515.00 sq.m.       P 15,524.75/ sq.m.       P 23,520,000       P 21,981.31/ Structure/ 1,070 sq.m.       P 21,981.31/ P 23,520,000       P 23,520,000         Justification: Decrease in physical target from 1,515.00 sq.m. to 1,070 sq.m. and following:       Modification in station was based on the actual location of the priority sections with urgent need of slope protection structures to prevent scouring;       Modification in station was based on the actual location of the priority sections with urgent need of slope protection structures to prevent scouring;         •       Modification in slope protection from 60 Im to 119.400 Im but with lesser area due to change in design of steel sheet pile from 3 layers of 12 m to 3 layers with varying lengths (layer 1=6m, layer 2=8m, and layer 3=10m). Also, design of slope requires side cuts (mountain side) of up to 18.5 m. Hence, with considerable
K1458 + 925, K1460 + 840 - K1460 + 865, K1460 +       K1458 + 985, K1459 + 870 - K1459 + 910, K1460 +         900 - K1460 + 915       Unit Cost       Allocation       Type of Work/       Unit Cost       Estimated         CW1- Construction of       P15,524.75/       P 23,520,000       CW1- Construction of       Road Slope Protection       P 15,524.75/       P 23,520,000       P 21,981.31/       P 23,520,000         Structure/       1,515.00 sq.m.       P 480,000       EAO       -       P 480,000         EAO       -       P 480,000,000,       Total:       P 24,000,000,       Total:       P 24,000,000,         Justification:       Uu of Store may on the actual location of the priority sections with urgent need of slope protection structures to prevent scouring;       Increase in length in slope protection from 60 lm to 119.400 lm but with lesser area due to change in design of steel sheet pile from 3 layers of 12 m to 3 layers with varying lengths (layer 1=6m, layer 2=8m, and layer 3=10m). Also, design of slope requires side cuts (mountain side) of up to 18.5 m. Hence, with considerable
Type of Work/ Physical Target       Unit Cost       Allocation       Type of Work/ Physical Target       Unit Cost       Estimated Cost         CW1- Construction of Road Slope Protection Structure/       ₱ 15,524.75/ sq.m.       ₱ 23,520,000       CW1- Construction of Road Slope Protection Structure/       ₱ 21,981.31/ sq.m.       ₱ 23,520,000         EAO       -       ₱ 480,000       EAO       -       ₱ 480,000         Total:       ₱ 24,000,000,       Total:       ₱ 24,000,000,       Total:       ₱ 24,000,000         Justification:       UMC of Stone Incidenty 4 Steet Sheet Philes       Philes       Philes       Philes         Decrease in physical target from 1,515.00 sq.m. to 1,070 sq.m. and with modification in project limits were due to the following:       •       Modification in station was based on the actual location of the priority sections with urgent need of slope protection structures to prevent scouring;       •       Increase in length in slope protection from 60 lm to 119.400 lm but with lesser area due to change in design of steel sheet pile from 3 layers of 12 m to 3 layers with varying lengths (layer 1=6m, layer 2=8m, and layer 3=10m). Also, design of slope requires side cuts (mountain side) of up to 18.5 m. Hence, with considerable
CW1- Construction of Road Slope Protection Structure/       P 15,524.75/ sq.m.       P 23,520,000       CW1- Construction of Road Slope Protection Structure/       P 21,981.31/ sq.m.       P 23,520,000         EAO       -       P 480,000       EAO       -       P 480,000         Total:       P 24,000,000,       FORM       Total:       P 24,000,000         Justification:       UML Of Store Mactory & Steet Phus feet       P 480,000         Decrease in physical target from 1,515.00 sq.m. to 1,070 sq.m. and with modification in project limits were due to the following:       Modification in station was based on the actual location of the priority sections with urgent need of slope protection structures to prevent scouring;       Increase in length in slope protection from 60 lm to 119.400 lm but with lesser area due to change in design of steel sheet pile from 3 layers of 12 m to 3 layers with varying lengths (layer 1=6m, layer 2=8m, and layer 3=10m). Also, design of slope requires side cuts (mountain side) of up to 18.5 m. Hence, with considerable
EAO       -       ₽ 480,000       EAO       -       ₽ 480,000         Total:       ₽ 24,000,000,       Total:       ₽ 24,000,000         Justification:         Decrease in physical target from 1,515.00 sq.m. to 1,070 sq.m. and with modification in project limits were due to the following:         •       Modification in station was based on the actual location of the priority sections with urgent need of slope protection structures to prevent scouring;       •       Increase in length in slope protection from 60 lm to 119.400 lm but with lesser area due to change in design of steel sheet pile from 3 layers of 12 m to 3 layers with varying lengths (layer 1=6m, layer 2=8m, and layer 3=10m). Also, design of slope requires side cuts (mountain side) of up to 18.5 m. Hence, with considerable
<ul> <li>Justification: Use of store maxony + steel sheet plus fee c</li> <li>Decrease in physical target from 1,515.00 sq.m. to 1,070 sq.m. and with modification in project limits were due to the following:</li> <li>Modification in station was based on the actual location of the priority sections with urgent need of slope protection structures to prevent scouring;</li> <li>Increase in length in slope protection from 60 lm to 119.400 lm but with lesser area due to change in design of steel sheet pile from 3 layers of 12 m to 3 layers with varying lengths (layer 1=6m, layer 2=8m, and layer 3=10m). Also, design of slope requires side cuts (mountain side) of up to 18.5 m. Hence, with considerable</li> </ul>
<ul> <li>Decrease in physical target from 1,515.00 sq.m. to 1,070 sq.m. and with modification in project limits were due to the following:</li> <li>Modification in station was based on the actual location of the priority sections with urgent need of slope protection structures to prevent scouring;</li> <li>Increase in length in slope protection from 60 lm to 119.400 lm but with lesser area due to change in design of steel sheet pile from 3 layers of 12 m to 3 layers with varying lengths (layer 1=6m, layer 2=8m, and layer 3=10m). Also, design of slope requires side cuts (mountain side) of up to 18.5 m. Hence, with considerable</li> </ul>
volume resulting to increase in unit cost.

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

APPROVED/DISAPPROVED:

MARK A. VILLAR Secretary



2.3 IMM/LCA/AVS/DSS