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

March 21, 2018

MEMORANDUM

FOR 4.8 Secretary MARK A. VILLAR This Department

This refers to the memorandum dated 07 March 2018 of **DPWH Region II Director MELANIO C. BRIOSOS,** endorsing the request of **District Engineer MARIFEL T. ANDES,** Quirino District Engineering Office, for the modification of the project under FY 2018 GAA, to wit;

| ent, with paved | er thick PCC Paveme | PCCP from possible soil/subbase erosion; The design of the roads involves 6.70 meters wide roadway, 0.28 meter thick PCC Pavement, with paved | erosion; is 6.70 meters w | PCCP from possible soil/subbase erosion, The design of the roads involves 6.70 r | PCCP from p | |
|--|--|--|------------------------------|---|---|----------|
| r to protect the | nd RC Pipes in orde | se in physical target due to: The inclusion of Drainage and Slope Protection such as Stone Masonry and RC Pipes in order to protect the | lope Protection s | I target due to: | Decrease in physical target due to: The inclusion of Drainage and the inclusion of Drainage and the | |
| | | | | | Justification: | |
| # 45.UM | Total | | ₽ 45.0M | Total | ~ | |
| ₽ 900.0T | 1 | EAO | ₽ 900.0T | I | EAO | |
| ₽ 11.134M | ₽ 4,13T/sq.m. | CW2 – Construction of Road Slope Protection Structure/ 2,695.50 sq.m. | 1 | 1 | ı | |
| ₽ 32.966M | ₽ 15.550M/ lane-km | CW1 – Construction of Concrete Road/ 2.12 lane -km | ₽ 44.100M | ₽ 12.250M/ lane-km | CW1 – Construction of Concrete Road/ 3.600 lane-km | \ |
| Estimated Cost | Unit Cost | Type of Work/ Physical Target | Allocation | Unit Cost | Type of Work/ Physical Target | - |
| ı, Quirino | Caves, Nagtipunan | Access Road to Diamond Caves, Nagtipunan, Quirino | nan, Quirino | ond Caves, Nagtipu | Arress Road to Diamond Caves, Nagtipunan, Quirino | <u></u> |
| leading to | Support Program - Int of Access Roads ations | Convergence and Special Support Program - Construction/Improvement of Access Roads leading to Declared Tourism Destinations | leading to | ecial Support Progra ement of Access Ro stinations | Convergence and Special Support Program - Construction/Improvement of Access Roads leading to Declared Tourism Destinations | 1 |
| | | | | 100248000 0176LZ | UACS No. 300203100248000 Project ID: P00230176LZ | |
| | | Project Description | Project D | | | 5 |
| and the second | - Notition Sto | | | As per GAA/Original | d sy a set a set a set | le fr |

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- The design of the roads involves 6./0 meters wide roadway, 0.20 meters due to account, or shoulders of 1.50 meters width, 0.15 meters thick both sides, and 0.35 meter thick aggregate base course as leveling course; The increase of cost/km is the result of the increase in hauling distance of aggregate materials from quarry to project site, from 19kms to 33 kms; and The common Soil Excavation (6,499 cu.m.) and Surplus Rock Excavation (4,082 cu.m.) is voluminous since the project is a barangay road.

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