| $\backslash \land$ | | | | | 1 | | | | | | | |
|---|---------------------------------------|---|-----------------------|---------------------------------|--|--|---|---|---|------------|--------------|---|
| APPROVED/DISAPPROVED: MARK A. VILLAR Secretary 2.3 mksa/LCA/AVS/ERP | Unders Cretary fo | The modification is reapproved program of contributed to the incometer below natural g of roadway gradient for DPWH Design Guidelin Moreover, the road co to stabilized the road co to stabilized the road co to stabilized the road to the total project also incluapplication of reflector the total project cost. Please see attached phence, approval hereof is | Justification: | 1.0 Lane km - EAO | Type of Work/ Physical Target | 001: Ensure Safe Network Developme Roads Biasong – Minaog B | UACS No. 310204101374000 Project ID: P00502078MN | This refers to the memories CAYAMOMBAO D. DIA , en Zamboanga del Norte 1 st under FY 2021 GAA, to wit; <i>As per GAA</i> / | FOR | MEMORANDUM | May 05, 2021 | P |
| APPROVED: | y for Regional Operations in Mindanao | The modification is requested to change the quantified physical target from 1.00 lane km to 0.266 approved program of works. The cost for <u>earthwork comprises</u> 49.10% (P7,217,574,98) of the contributed to the increase in cost per kilometer of the road project due to the removal of unsuit meter below natural grade line and replaced with large volume of suitable embankment materials. of roadway gradient for the necessary bridge transition based on actual survey and detailed engine DPWH Design Guidelines and Criteria. Moreover, the road concreting is complemented with road <u>safety facilities</u> and the construction of to stabilized the roadway which constitutes 17.14% (P2,519,532.12) of the total project cost. The project also includes Misc <u>ellaneous</u> structures such as installation of metal guard rail (metal application of reflectorized thermoplastic pavement markings (white and yellow) which constitutes the total project cost. Please see attached project justification of the unit cost signed and submitted by the Regional Diraction of the total project is recommended. | Total: | Lane km | Unit Cost | OO1: Ensure Safe and Reliable National Road System – Network Development - Construction of Bypass and Diversion Roads Biasong – Minaog Bypass Road, Zamboanga del Norte | 101374000 2078MN | the memorandum () D. DIA , endorsing el Norte 1st District GAA, to wit; As per GAA/Original | MARK A. VILLA Secretary This Department | | | DEPARTMENT OF OFFICE |
| Department of p Office | tions in Mindanao | the submitted request for modification recommended. | P15,000,000.00 | ₱ 14,700,000.00 ₱ 300,000.00 | Allocation | National Road System on of Bypass and Diversion mboanga del Norte | | L Ho | VILLAR tment | | | epublic of the PUBLIC W OF THE Manili |
| Department of Public Works and Highways Office of the Secretary WIN 1E02585 | - | hysical target from 1.00 la comprises 49.10% (P7,217 road project due to the re colume of suitable embank ased on actual survey and fa safety facilities and the of 519,532.12) of the total put as installation of metal gui ings (white and yellow) with signed and submitted by the modification of the | | 0.2665 Lane km | Type of Work/ Physical Target CW1- | 001: Ensure Safe and Reliable N Network Development - Construction Roads Biasong – Minaog Bypass Road, Zaml | - | dated 05 April 2021 of DPWH Region I) the request of District Engineer Aminodin engineering Office for the modification of Project Description | | | | ^{≞ Philippines} /ORKS AND HIGHWA SECRETARY |
| | | The modification is requested to change the quantified physical target from 1.00 fane km to 0.2665 fane km a approved program of works. The cost for <u>earthwork comprises</u> 49.10% (P7,217,574.98) of the total pro contributed to the increase in cost per kilometer of the road project due to the removal of unsuitable mater meter below natural grade line and replaced with large volume of suitable embankment materials. It includes of roadway gradient for the necessary bridge transition based on actual survey and detailed engineering desig DPWH Design Guidelines and Criteria. Moreover, the road concreting is complemented with road safety facilities and the construction of slope prote to stabilized the roadway which constitutes 17.14% (P2,519,532.12) of the total project cost. The project also includes Miscellaneous structures such as installation of metal guard rail (metal beam) inclu application of reflectorized thermoplastic pavement markings (white and yellow) which constitutes 8.76% (1, the total project cost. Please see attached project justification of the unit cost signed and submitted by the Regional Director. A our evaluation, the submitted request for modification of the said project is in or pproval hereof is recommended. | Total: | ► Lane km | Unit Cost | | | Region IX Aminodin fication of <i>As Modified</i> | | | | GHWA Proj |
| | | The modification is requested to change the quantified physical target from 1.00 lane km to 0.2665 lane km as derived from approved program of works. The cost for <u>earthwork comprises 49.10% (P7,217,574.98</u>) of the total project cost, thus contributed to the increase in cost per kilometer of the road project due to the removal of unsuitable materials that is 1.5 meter below natural grade line and replaced with large volume of suitable embankment materials. It includes the raising-up of roadway gradient for the necessary bridge transition based on actual survey and detailed engineering design to meet with DPWH Design Guidelines and Criteria. Moreover, the road concreting is complemented with road safety facilities and the construction of slope protection structure to stabilized the road which constitutes 17.14% (P2,519,532.12) of the total project cost. The project cost. The project cost. Structures such as installation of metal guard rail (metal beam) including post and application of reflectorized thermoplastic pavement markings (white and yellow) which constitutes 8.76% (1,288,391.18) of the total project cost. The total project cost. The submitted request for modification of the said project is in order; the total project is recommended. | P15,000,000.00 | ₱ 14,700,000.00 ₱ 300,000.00 | Estimated Cost | National Road System - on of Bypass and Diversion mboanga del Norte | | P. Maniri, the project | | | | ect 10: 00502098/// |
| | | | | | | | | | | | | 1Z - |

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