\mathbf{v}						`								11 - N
APPROVED/DISJ MARK A. VILLAR Secretary	Undersecretary	Based on our e hence, approva	 The physe The slope The statis + 200, K1 Construct The slope rope and Centrose Inclusion property 	EAO		CW1 - Construction of Slope Protection Structure 6,600.0 Square meters	Type of Work/ Physical Target	UACS No. 310108100566000 Project ID: P00501938MN OO1: Ensure Safe and Reliable National Road - Rembilitation/ Reconstruction of Nationa - Rombilitation/ Reconstruction of Nationa - Collapse, and Landslide - Secondary Roads - Loop Rd - K1852 + 100 - K1852 + 540		This refers to t CAYAMOMBAO wit;	FOR	MEMORANDUM	April 13, 2021	
APPROVED/DISAPPROVED: MARK A. VILLAR Secretary	K FOR Real Ope	on our evaluation, the submitted approval hereof is recommended.	The physical target slightly decreased from 6,600.00 square meters the slope protection as reflected in the Detailed Engineering Design The station limits K1852 + 100 - K1852 + 540 only requires minimal + 200, K1827 + 400 - K1827 + 881 is under the threat of erosion/ slop construction of slope protection structure along this road section an The slope is stabilized using High-Tensile Wive Mesh and Componen rope anchor) reinforced with anchor bolts and additional layer Centrosema Seed and Enzyme) which constitutes 94.5136 (P 99,234, Inclusion of Right-of-Way Acquisition based on the result of the property owners of structures/improvements within the width and	- Total:		₱15,930.10303/ Square meters	Unit Cost	UACS No. 310108100566000 Project ID: P00501938MN 001: Ensure Safe and Reliable National Road System - Asset Preservation - Rorabilitation/ Reconstruction of National Roads with Slips, Slope - Rorabilitation/ Reconstruction of National Roads with Slips, Slope - Collapse, and Landslide - Secondary Roads - Rizal-Dakak-Dapitan Coastal Loop Rd - K1852 + 100 - K1852 + 540	As per GAA/Original	the memorandum D. DIA , requesting	MARK A. VILLA Secretary This Department	Σ		DEPARTMENT OF
	Operations in Mindanao	bmitted request mended.	reased from 6,600.00 id in the Detailed Engi 4.1852 + 540 only rec 51 is under the threat the n structure along this h-Tensile Wire Mesh a anchor bolts and ad anchor bolts and ad which constitutes 94. which constitutes 94. uisition based on the improvements within	P108,952,000.00		₱105,138,680.00	Allocation	tem - Asset Preservation Loads with Slips, Slope		dated g for the	VILLAR rtment			MENT OF PUBLIC WORKS A OFFICE OF THE SECRE Manila
Department of Public Works and Highways	nao	the submitted request for modification of recommended.	The physical target slightly decreased from 6,600.00 square meters to 6,521 square meters du the slope protection as reflected in the Detailed Engineering Design (DED), Approved Program of The station limits K1852 + 100 - K1852 + 540 only requires minimal Slope protection works. Ho + 200, K1827 + 400 - K1827 + 881 is under the threat of erosion/ slope collapse. So, it was deern construction of slope protection structure along this road section and to maximize the utilization The slope is stabilized using High-Tensile Wire Mesh and Components (Tecco High. Rope Anchor rope anchor) reinforced with anchor bolts and additional layer of hydroseeding (3D Geor Centrosema Seed and Enzyme) which constitutes 94.51% (P 99,234,979.80) of the total project Inclusion of Right-of-Way Acquisition based on the result of the conducted parcellary surv property owners of structures/improvements within the width and station limit of the project.	EAU	Row Acquisition/ 939.9415 Square meters	CW1 – Construction of Slope Protection Stracture 6,521.0 Square meters	Type of Work/ Physical Target	001: Ensure Safe and Reliable National Road Rehabilitation/ Reconstruction of National Roads Landslide - Secondary Roads - Rizal-Dakak-Dapit 210 - K1852 + 250, K1852 + 530 - K1852 + 5 200, K1827 + 400 - K1827 + 881	Project Description	08 April 2021 of D modification of the				ublic of the Philippines PUBLIC WORKS AND HIGHW/ OF THE SECRETARY Manila
Secretary Secretary 12562		of the said project	The physical target slightly decreased from 6,600.00 square meters to 6,521 square meters due to the materials u the slope protection as reflected in the Detailed Engineering Design (DED), Approved Program of Works (POW), and The station limits K1852 + 100 - K1852 + 540 only requires minimal Slope protection works. However, K1822 + 500 + 200, K1827 + 400 - K1827 + 881 is under the threat of erosion/ slope collapse. So, it was deemed necessary to inclu construction of slope protection structure along this road section and to maximize the utilization of allotted funds. The slope is stabilized using High-Tensile Wive Mesh and Components (Tecco High, Rope Anchor, Connection, clips ar rope anchor) reinforced with anchor bolts and additional layer of hydroseeding (3D Geonet/ Erosion Contro Centrosema Seed and Enzyme) which constitutes 94.5136 (P 99,234,979.80) of the total project cost. Inclusion of Right-of-Way Acquisition based on the result of the conducted parcellary survey to compensate a property owners of structures/improvements within the width and station limit of the project.	Total:	P300.00 / Square meters	P16,101.08665 / Square meters	Unit Cost	VI 0 - 10	As Modified	of DPWH Region : the project under FY				
		ct is in order;	The physical target slightly decreased from 6,600.00 square meters to 6,521 square meters due to the materials used for the slope protection as reflected in the Detailed Engineering Design (DED), Approved Program of Works (POW), and DUPA. The station limits K1852 + 100 - K1852 + 540 only requires minimal Slope protection works. However, K1822 + 500 - K1823 + 200, K1827 + 400 - K1827 + 881 is under the threat of erosion/ slope collapse. So, it was deemed necessary to include the construction of slope protection structure along this road section and to maximize the utilization of allotted funds. The slope is stabilized using High-Tensile Wire Mesh and Components (Tecco High. Rope Anchor, Connection, clips and Wire rope anchor) reinforced with anchor bolts and additional layer of hydroseeding (3D Geonet/ Erosion Control Matt, Centrosema Seed and Enzyme) which constitutes 94.51% (P 99,234,979.80) of the total project cost. Inclusion of Right-of-Way Acquisition based on the result of the conducted parcellary survey to compensate affected property owners of structures/improvements within the width and station limit of the project.	P3,6/4,831.51 P108,952,000.00	₱281,982.46	P 104,995,186.03	Estimated Cost	System - Asset Preservation - with Slips, Slope Collapse, and n Coastal Loop Rd – K1852 + 80, K1822 + 500 - K1823 +		IX Director 2021 GAA, to				Reference 1.X - C4.5. Number: 1.X - C4.5. Project ID: POOSTO 19 3X MN

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