



DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
CENTRAL OFFICE
Manila



BAGONG PILIPINAS

SEP 17 2024
MEMORANDUM

FOR : **MANUEL M. BONOAN**
Secretary
This Department

This refers to the memorandum dated 9 May 2024 of **DPWH Region VIII Regional Director EDGAR B. TABACON, CESO IV**, requesting for the approval of the **Modification** of the project under FY 2024 General Appropriations Act (GAA), to wit;

| As per GAA/Original | | | As Modified | | |
|--|------------------------------|---------------|---|------------------------------|----------------|
| Project Description | | | | | |
| UACS No. 310208100574000 Project ID: P00803319VS | | | | | |
| ORGANIZATIONAL OUTCOME 1 : Ensure Safe and Reliable National Road System | | | ORGANIZATIONAL OUTCOME 1 : Ensure Safe and Reliable National Road System | | |
| Network Development - Off-Carriageway Improvement - Secondary Roads | | | Network Development - Off-Carriageway Improvement - Secondary Roads | | |
| Pangpang-Palapag-Mapanas-Gamay-Lapinig Road - K0810+751 - K0810+840 | | | Pangpang-Palapag-Mapanas-Gamay-Lapinig Road - K0810+840 - K0810+948 | | |
| Physical Target | Unit Cost | Allocation | Physical Target | Unit Cost | Estimated Cost |
| CW1- Off-Carriageway Improvement: Paving of Shoulders: 267 Square meters | ₱ 542,134.8315/ Square meter | ₱ 144,750,000 | CW1- Off-Carriageway Improvement: Paving of Shoulders: 216 Square meters | ₱ 20,038.60648/ Square meter | ₱ 4,328,339 |
| | | | CW2- Construction of Road Slope Protection Structure: 6,026 Square meters | ₱ 23,302.63209/ Square meter | ₱ 140,421,661 |
| EAO | | ₱ 5,250,000 | EAO | | ₱ 5,250,000 |
| Total: | | ₱ 150,000,000 | Total: | | ₱ 150,000,000 |
| Justifications provided by the requesting Implementing Office: | | | | | |
| <ul style="list-style-type: none">Change in station limits to avoid overlapping/duplication of projects funded under FY 2024 GAA with project ID: P00803316VS.Inclusion of New Project Component (CW2)-Construction of Slope Protection Structure (Active Wire Mesh System), due to slope instability of the road section and frequent landslides. The geological condition of the site is characterized by the Catbagan Formation with its significant sandstone and tuffaceous sediments, pose a high risk of landslide and erosion, exacerbated by steep slopes and tropical climate effects. This geological vulnerability, coupled with the critical importance of the road for local transportation, underscores the urgent need for slope stabilization to ensure road safety and prevent disruption. The active protection system will protect the pavement infrastructure from the mountainside by preventing mass movement of boulders and soil debris through the use of wire mesh with ground anchors. Pressure is applied on the slope surface and constraint movement within the wire mesh and anchors, thereby protecting the road infrastructure.Based on the plan and actual site condition, the project involves paving of shoulder which will provide lateral support to the adjacent pavement including drainage structure and construction of road slope protection structure (Active Wire Mesh System) to safeguard the road against landslides and for the safety of the travelling public. Further, the primary and major activity (more than 90%) of this road section should be focused on soil nailing with mesh systems, among others in the off-carriageway improvement.Attached are the following supporting documents: Form for Evaluation of Modification Request (DPWH-QMSP-03-01 Rev 01); BP 202; Certificate of Availability of Funds; Approved Program of Works; Detailed Unit Price Analysis; Plan; Geotagged Photos; Certificate of Reasonableness of Cost Estimate; Approved Request for Exemption from the Non-Adoption of Item 522 in the FY 2024 GAA; Straight Line Diagram; and Location Map | | | | | |

Having complied with all the documentary requirements under Department Order No. 23, Series of 2023 and other supplemental guidelines, we are respectfully requesting that the above-mentioned project under FY 2024 GAA be modified.

For the Secretary's favorable consideration


NERIE D. BUENO, CESO III
Assistant Secretary for Regional Operations
in NCR, Regions III, IV-A, IV-B, V, VI, VII and VIII

Recommending Approval:


MARIA CATALINA E. CABRAL, Ph.D., CESO I
Undersecretary for Planning and
Public-Private Partnership Services


ROBERTO R. BERNARDO, CESO I
Undersecretary for Regional Operations
in NCR, Regions III, IV-A, IV-B, V, VI, VII and VIII

APPROVED/ ~~DISAPPROVED~~:


MANUEL M. BONOAN
Secretary

Department of Public Works and Highways
Office of the Secretary



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