



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

September 5, 2022

MEMORANDUM

TO : **KHADAFFY D. TANGGOL**
Regional Director
DPWH-CAR
Engineer's Hill, Baguio City

Transmitted herewith are the **APPROVED** requests for the **modification** of hereunder stated projects:

1. OO1: Ensure Safe and Reliable National Road System Asset Preservation - Rehabilitation/ Reconstruction of National Roads with Slips, Slope Collapse, and Landslide - Secondary Roads Mt Prov-Cagayan via Tabuk-Enrile Rd - K0415 + 481 - **K0415 + 608 - - - P 110,000.000**
2. OO1: Ensure Safe and Reliable National Road System Asset Preservation - Rehabilitation/ Reconstruction of National Roads with Slips, Slope Collapse, and Landslide - Secondary Roads Baguio-Bontoc Rd - **K0374+120 - K0374+285**, Sabangan, Mt. Province - - - **P 150,550.000**

It is informed that **a project can only be modified once** as prescribed under the FY 2022 General Appropriations Act (GAA). Further, it is reminded that all approved modifications **shall be posted in the DPWH website within five (5) days** from its approval. Failure to comply with this requirement shall be dealt with accordingly.


EUGENIO R. RIYO, JR.

Undersecretary for Regional Operations in
CAR, Regions I, II, IX, X, XI, XII, and XIII

2.3 mksa/AVS/AGC/ERP



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

July 28, 2022

MEMORANDUM

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

This refers to the memorandum dated July 4, 2022 of **DPWH CAR Regional Director KHADAFFY D. TANGGOL** requesting for the approval of the **Modification** of the project under FY 2022 General Appropriation Act (GAA), to wit;

| As per GAA/Original | | | As Modified | | |
|--|---------------------------------------|------------------------|--|---------------------------------------|----------------------------|
| Project Description | | | | | |
| UACS No. : 310108100817000 Project ID: P00611328LZ OO1: Ensure Safe and Reliable National Road System Asset Preservation - Rehabilitation/ Reconstruction of National Roads with Slips, Slope Collapse, and Landslide - Secondary Roads Mt Prov-Cagayan via Tabuk-Enrile Rd - K0415 + 481 - K0415 + 616 | | | OO1: Ensure Safe and Reliable National Road System Asset Preservation - Rehabilitation/ Reconstruction of National Roads with Slips, Slope Collapse, and Landslide - Secondary Roads Mt Prov-Cagayan via Tabuk-Enrile Rd - K0415 + 481 - K0415 + 608 | | |
| Physical Target | Unit Cost P ('000) | Allocation P ('000) | Physical Target | Unit Cost P ('000) | Estimated Cost P ('000) |
| CW1 Construction of Road Slope Protection Structure: 6,111.110 Square meters | ₱ 17,370.00 / Square meters | ₱ 106,150.000 | CW1 Construction of Road Slope Protection Structure: 4,109.000 Square meters | ₱ 25,833.54 / Square meters | ₱ 106,150.000 |
| EAO | - | ₱ 3,850.000 | EAO | - | ₱ 3,850.000 |
| Total: | | ₱ 110,000.000 | Total: | | ₱ 110,000.000 |
| Justification: <i>Use of Rocknet per Pw</i> <ul style="list-style-type: none">The revised station limit reflects the exact section which needs immediate slope mitigation due to its susceptibility to soil/ rock collapse.The decrease from 6,111.110 square meters to 4,109.000 square meters in the physical target is due to the decrease in length of the structure and the decrease in average slant height from 45 meters to 32 meters based on the result of the stability analysis. | | | | | |

- The increase in unit cost is due to the design length of 5 meters permanent ground anchors, as recommended in the design analysis. Also, the utilization of the prevailing construction material cost of system components of the Active Protection System contributed to the increase in unit cost thereon causing a deduction in the target area of the proposed slope mitigation.
- The derived unit cost is based on the approved Detailed Unit Price Analysis and Program of Work which consider the lowest canvass cost for high tensile wire mesh, with joint rod, wire rope, rope grips, coupling coil, pin anchors, and cross clips/ anchors.
- See attached Certificate of Reasonableness of Estimates approved by the Regional Director.
- See also the attached evaluation of the Bureau of Construction on the unit cost of the similar type projects.

Based on our evaluation, the submitted request for modification of the said project is in order. Hence, the said request is hereby recommended for Secretary's consideration and approval.

ADOR G. CANLAS

Assistant Secretary for Regional Operations
Regions I, II, CAR, IX, X, XI, XII and XIII

APPROVED/~~DISAPPROVED~~:

MANUEL M. BONOAN

Secretary

3.5 dlbc/aap/AVS/AGC

Department of Public Works and Highways
Office of the Secretary



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Republic of the Philippines
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
CORDILLERA ADMINISTRATIVE REGION
Engineer's Hill, Baguio City

July 4, 2022

MEMORANDUM

FOR : MANUEL M. BONOAN
Secretary

THRU : ROBERTO R. BERNARDO
Undersecretary for Regional Operations
Regions I, II, III, IV-A, V & CAR

SUBJECT : Request for the Modification of the Project: ORGANIZATIONAL OUTCOME 1 : Ensure Safe and Reliable National Road System - Asset Preservation Program - Rehabilitation/ Reconstruction of Roads with Slips, Slope Collapse, and Landslide - Secondary Roads - Mt Prov-Cagayan via Tabuk-Enrile Rd - K0415 + 481 - K0415 + 616

We are respectfully submitting the modification of the above project in the amount of **One Hundred Ten Million Pesos (Php 110,000,000.00)**, as indicated below:

| | As per GAA/Original | As Modified |
|-----------------|--|--|
| Project ID | P00611328LZ | |
| UACS | 310108100817000 | |
| Project Title | Mt Prov-Cagayan via Tabuk-Enrile Rd – K0415 + 481 - K0415 + 616 | Mt Prov-Cagayan via Tabuk-Enrile Rd – K0415 + 481 - K0415 + 608 ✓ |
| Physical Target | 6,111.110 Square meters | 4,109.000 Square meters ✓ |

The supporting documents based on D.O. No. 37, series of 2018 are attached for your ready reference.

For the consideration of the Secretary.


KHADAFFY D. TANGGOL
Regional Director

CAR.1 CSCE/EPD/JWC/ABM


Form for Modification Request

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| A. GENERAL | | | | | |
|---|---|--|---|--|--|
| 1. REGION Cordillera Administrative Region | | 2. DEO Mt. Province District Engineering Office | | 3. LEGISLATIVE DISTRICT MOUNTAIN PROVINCE (LONE DISTRICT) | |
| B. ORIGINAL PROJECT | | | C. PROPOSED REVISED PROJECT | | |
| 4. UACS (Unified Account Code Structure as defined in GAA) 310108100817000 | | | | | |
| 5. Project Id P00611328LZ | | | | | |
| 6. Project Category OO1: Ensure Safe and Reliable National Road System | | | | | |
| 7. Sub-Program (P/A/P) Asset Preservation - Rehabilitation/ Reconstruction of National Roads with Slips, Slope Collapse, and Landslide - Secondary Roads | | | | | |
| 8. Operating Unit Central Office | | | 18. Operating Unit (Change subject to DBM approval) Central Office | | |
| 9. Type of Work (Enter Details for all Components below) | | | 19. Type of Work (Enter Details for all Components below) | | |
| Component ID | Type of Work | | Component ID | Type of Work | |
| CW1 | Construction of Road Slope Protection Structure | | CW1 | Construction of Road Slope Protection Structure | |
| EAO | | | EAO | | |
| 10. PROJECT DESCRIPTION (as recorded in GAA) Mt Prov-Cagayan via Tabuk-Enrile Rd - K0415 + 481 - K0415 + 616 | | | 20. PROJECT DESCRIPTION (of the revised project) Mt Prov-Cagayan via Tabuk-Enrile Rd - K0415 + 481 - K0415 + 608 | | |
| 11. ALLOTMENT (P'000) (as recorded in GAA) 110,000 | | | 21. REVISED ESTIMATED COST (P'000) (Equal to, or lower than GAA allotment) 110,000 | | 22. CAF (To be obtained from Financial Management office) <input checked="" type="checkbox"/> YES |
| 12. PHYSICAL TARGET (Enter Details for all Components below) | | | 23. PHYSICAL TARGET (Enter Details for all Components below) | | |
| Component ID | Target | Target Unit | Component ID | Target | Target Unit |
| CW1 | 6,111.110 | Square meters | CW1 | 4,109.000 | Square meters |
| EAO | | | EAO | | |
| 13. UNIT COST (Enter Details for all Components below) | | | 24. UNIT COST (Enter Details for all Components below) | | |
| Component ID | Component Cost (P'000) | Target Unit Cost (P'000/Target Unit) | Component ID | Component Cost (P'000) | Target Unit Cost (P'000/Target Unit) |
| CW1 | 106,150.000 | 17.370 | CW1 | 106,150.000 | 25.834 |
| EAO | 3,850.000 | | EAO | 3,850.000 | |

Form for Modification Request

| | | | | | | | |
|---|--|--------------------------------|--|--|--|----------------------------------|--|
| 14. PROJECT WORK LOCATION (Must be defined in strict accordance with DO 65 Series 2014) Click here to enter text. | | | | 25. PROJECT WORK LOCATION (Must be defined in strict accordance with DO 65 Series 2014. Also complete "ANNEX A" for National Road projects under OO-1 and LP) Click here to enter text. | | | |
| Start X | | End X | | Start X | | End X | |
| Start Y | | End Y | | Start Y | | End Y | |
| 15. ROAD CLASSIFICATION (if applicable) Secondary Road | | | | 26. ROAD CLASSIFICATION (if applicable) Secondary Road ✓ | | | |
| 16. IMPLEMENTING OFFICE (Record the Implementing Office of the original project) Regional Office CAR | | | | 27. IMPLEMENTING OFFICE (Record the Implementing Office of the proposed revised project) Regional Office CAR ✓ | | | |
| 17. PROJECT IMPLEMENTATION PLAN (PIP) | | | | 28. PROJECT IMPLEMENTATION PLAN (PIP) | | | |
| Planned Start Date 06/25/2022 | | Planned End Date 05/20/2023 | | Planned Start Date 06/25/2022 ✓ | | Planned End Date 05/20/2023 ✓ | |
| 29. OVERLAP? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES | | | | 30. UNDER WARRANTY? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES | | | |

D. ATTACHMENTS & JUSTIFICATIONS

| |
|---|
| 31. PROJECT IMPACT ANALYSIS ATTACHED? (For Flood Control Projects) <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> N/A |
| 32. TECHNICAL JUSTIFICATION (Explain in detail in Bullet point format; minimum of 2 points) ✓ <ul style="list-style-type: none"> The revised station limit reflects the exact section which needs immediate slope mitigation due to its susceptibility to soil/ rock collapse. The decrease from 6,111.110 square meters to 4,109.000 square meters in the physical target is due to the decrease in length of the structure and the decrease in average slant height from 45 meters to 32 meters based on the result of the stability analysis. The increase in unit cost is due to the design length of 5 meters permanent ground anchors, as recommended in the design analysis. Also, the utilization of the prevailing construction material cost of system components of the Active Protection System contributed to the increase in unit cost thereon causing a deduction in the target area of the proposed slope mitigation. The derived unit cost is based on the approved Detailed Unit Price Analysis and Program of Work which considers the lowest canvass cost for wire mesh, high tensile, with joint rod, wire rope, rope grips, coupling coil, pin anchors, and cross clips/ anchors. See attached Certificate of Reasonableness of Estimates approved by the Regional Director. |
| 33. PHOTOS SUBMITTED <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES |
| 34. A MAP OF THE PROPOSED PROJECT WORK LOCATION SUBMITTED <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES |

Form for Modification Request

| 35. PREPARED BY: | | | |
|--|--|------------------------------------|---|
| Name: |  ERLINDA F. DOLIENTE | Position: | Chief, Planning Section |
| Office: | Cordillera Administrative Region | Date: | |
| 36. REVIEWED BY DISTRICT OFFICE (If Required) | | 38. REVIEWED BY REGIONAL OFFICE | |
| Name: | | Name: |  ANGELITA B. MABITAZAN |
| Position: | | Position: | Chief, Planning and Design Division |
| Date: | | Date: | |
| 37. RECOMMENDED BY DISTRICT OFFICE (If Required) | | 39. RECOMMENDED BY REGIONAL OFFICE | |
| Name: | | Name: |  KHADAFFY D. TANGGOL |
| Position: | | Position: | Regional Director |
| Date: | | Date: | |

Form for Modification Request

UACS (Unified Account Code Structure as defined in GAA)

310108100817000

Project Id

P00611328LZ

40. DPWH OFFICE OF THE UNDERSECRETARIES FOR OPERATIONS USE ONLY

Category of Modification

(choose one)

- ☐ Category A – Typographical Errors
- ☒ Category B – Change in Station Limits, due to increase or decrease in budget
- ☐ Category C – Change in Location
- ☐ Category D – Change in Operating Unit (requires DBM approval)
- ☐ Adjustment – Send to PS-PD to amend MYPs
- ☐ Modification does not comply with DBM Categories
- ☐ Augmentation

Primary Reason for Request (based on Category of Modification): (choose one)

| Category A | Category B | Category C | Category D | Adjustment (Must be no change to target or GAA line item) |
|---|---|---|---|--|
| <input type="checkbox"/> Typographical error on Project Description <input type="checkbox"/> Project Description needs items removed due to typo error | <input type="checkbox"/> Overlapping Sections of Work <input type="checkbox"/> Change in station limits, due to increase or decrease in budget <input type="checkbox"/> Change in Physical Target | <input type="checkbox"/> No such Barangay <input type="checkbox"/> No such City/Municipality | <input type="checkbox"/> Change in (IO), requiring a change in the (OU) | <input type="checkbox"/> Typographical error on Project Component Description <input type="checkbox"/> Typographical error on other fields not included in, or not consistent with GAA <input type="checkbox"/> Move funds between Project Components <input type="checkbox"/> Add/delete Project Components Change of Itemized Project Component: <input type="checkbox"/> Various <input type="checkbox"/> Description <input type="checkbox"/> Location <input type="checkbox"/> Amount <input type="checkbox"/> Target |

Reviewed by Office of the Undersecretary for Operations

Name: Engr. ANTONIO V. SOBREVINAS, JR.

Signature:

Position: Project Manager II

Date:

41. DPWH PLANNING SERVICE OFFICE USE ONLY

Category of Modification

(choose one)

- ☐ Category A – Typographical Errors
- ☒ Category B – Change in Station Limits, due to increase or decrease in budget
- ☐ Category C – Change in Location
- ☐ Category D – Change in Operating Unit (requires DBM approval)
- ☐ Adjustment – Send to PS-PD to amend MYPs
- ☐ Modification does not comply with DBM Categories
- ☐ Augmentation

Reviewed by Planning Service

Name: CHRISTYBEL C. CANUEL

Signature:

Position: Regional Coordinator

Date:

Name: PETER PAUL R. CORTEZ

Signature:

Position: OIC – Chief, Programming Division

Date:

Annex A to Form for Modification Request

| Component ID | Section ID | Start Limit LRP + Disp | End Limit LRP + Disp | Start Chainage | End Chainage | Length (m) | Type of Work | Detail Scope of Work | Target Unit | Physical Target |
|---------------------|------------|---------------------------|-------------------------|-------------------|-----------------|---------------|--|---|------------------|--------------------|
| P00611328LZ- CW1 | S00514LZ | K0415 + 481 | K0415 + 608 | 23915 | 24042 | 127 | Construction of Road Slope Protection Structure | Rockfall Netting with Erosion Control Mat, Hydroseeding and Permanent Ground Anchor (L/S) | Square meters | 4,109 |