



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

Ref No. CAR-021

Programming Division Evaluation Sheet

Name of Project:

Project ID: P00604214LZ

Banaue-Hungduan-Benguet Bdry Rd - K0366 + 000 - K0366 + 150

Appropriation: 60,000,000

Implementing Office: Regional Office CAR

Date: 03/23/2022

A. TYPE OF REQUEST

A.1 ☐ Change in Implementing Office/Operating Unit due to

A.1.1 ☐ Geographical Jurisdiction

A.1.2 ☐ Approval of Authority to Bid/Implement

A.2 ☐ PROJECT MODIFICATION/ADJUSTMENTS

A.2.1 ☐ Typographical Error/s

A.2.2 ☐ Change in Location (for non-existent locations only)

A.2.3 ☒ Change in Station Limits

A.2.4 ☐ Addition/Deletion of Word/s

A.2.5 ☐ Change in Project Component/s Details

A.2.5.1 ☒ Change in Targets ONLY

A.2.5.2 ☐ Change in Scope of Work ONLY

A.2.5.3 ☐ Change in Component Amount ONLY

A.2.5.4 ☐ Addition of Component ONLY (incl. EXC Component)

A.2.5.5 ☐ Deletion of Component ONLY

A.2.5.6 ☐ Movement of Funds bet. Components ONLY

A.2.5.7 ☐ MULTIPLE changes in Component Details

B. EVALUATION

B.1 ☒ MAY BE ALLOWED as per the GAA Provisions

B.2 ☐ NOT ALLOWED as per the GAA Provisions

C. FUND SOURCE FY 2022 GAA, R.A. 11639

C.1 ☐ FLR ☐ Released ☐ Unreleased

C.2 ☒ FCR

Amount: 60,000,000

D. Remarks: Decrease in physical targets by 68.33% and increase in unit cost by 215.80%.

Evaluated By: CHRISTYBEL C. CANUEL
Regional Coordinator

Noted By: FROILAN B. MABINI JR.
OIC-Section Chief

ACTION SLIP

Ref No. CAR-021

Project ID: P00604214LZ

Date: 03/23/2022

FOR : USEC FOR OPERATIONS

☐ RCY

☐ RRB

☐ ERP, Jr.

☐ EKS

REMARKS: ☐ Reviewed by Planning Service

☒ Recommended for Approval

Remarks:

High Unit Cost / Decreased in Physical Targets

CONSTANTE A. LLANES, JR., CESO III
Acting Undersecretary for Planning Service



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

Office of A/S
signed/initialed.

Reference Number: **CAR-021**
Project ID: **P00604214LZ**

MAR 24 2022


MEMORANDUM

FOR : **ROGER G. MERCADO**
Acting Secretary
This Department

This refers to the memorandum dated February 18, 2022 of **DPWH Region CAR 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. 310109100782000 Project ID: P00604214LZ | | | | | |
| OO1: Ensure Safe and Reliable National Road System | | | OO1: Ensure Safe and Reliable National Road System | | |
| Asset Preservation - Rehabilitation/ Reconstruction of National Roads with Slips, Slope Collapse, and Landslide - Tertiary Roads | | | Asset Preservation - Rehabilitation/ Reconstruction of National Roads with Slips, Slope Collapse, and Landslide - Tertiary Roads | | |
| Banaue-Hungduan-Benguet Bdry Rd - K0366 + 000 - K0366 + 150 | | | Banaue-Hungduan-Benguet Bdry Rd - K0366 + 000 - K0366 + 070 | | |
| 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 | ₱ 8.04 / Square Meters | ₱ 57,900 | CW1- Construction of Road Slope Protection Structure | ₱ 25.39 / Square Meters | ₱ 57,900 |
| 7,200 Square Meters | | | 2,280 Square Meters | | |
| ROW – ROW Acquisition | - | - | ROW – ROW Acquisition | - | - |
| EAO | - | ₱ 2,100 | EAO | - | ₱ 2,100 |
| Total: | | ₱ 60,000 | Total: | | ₱ 60,000 |
| Justification: | | | | | |
| <ul style="list-style-type: none">• The changes in station limits as per GAA was deemed necessary in consideration with the actual site condition and location of the slope-compromised section.• The difference in the estimated unit cost as per GAA and as per POW amounting to Php 17,353.07/sq.m. for the Construction of Slope Protection Structures of the aforementioned project was due to the change of slope mitigation structure to be utilized in the said section and also to the increase in the design length of anchors, as recommended in the design analysis, which affects the unit cost of Item 513(1): Permanent Ground Anchor.• Further, the utilization of the prevailing construction material cost of system components of the Active System contributed to the variation in unit cost thereon causing a deduction in the target area of the proposed slope mitigation.• Over all, the increase in unit cost is considered reasonable as the unit cost of items of work involved are within the range of the prevailing costs of the Department | | | | | |

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.


ROBERTO R. BERNARDO
Undersecretary for Regional Operations
In Luzon (except NCR and Region IV-B)

APPROVED/~~DISAPPROVED~~:


ROGER G. MERCADO
Acting Secretary

2.1 ACL/MBB/RRB

Department of Public Works and Highways
Office of the Secretary



WIN2F06079



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

MEMORANDUM

FOR : **ROGER G. MERCADO**
Acting Secretary
This Department

This refers to the memorandum dated February 18, 2022 of **DPWH Region CAR 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. 310109100782000 Project ID: P00604214LZ OO1: Ensure Safe and Reliable National Road System Asset Preservation - Rehabilitation/ Reconstruction of National Roads with Slips, Slope Collapse, and Landslide - Tertiary Roads Banaue-Hungduan-Benguet Bdry Rd - K0366 + 000 - K0366 + 150 | | | OO1: Ensure Safe and Reliable National Road System Asset Preservation - Rehabilitation/ Reconstruction of National Roads with Slips, Slope Collapse, and Landslide - Tertiary Roads Banaue-Hungduan-Benguet Bdry Rd - K0366 + 000 - K0366 + 070 | | |
| 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 7,200 Square Meters | ₱ 8.04 / Square Meters | ₱ 57,900 | CW1- Construction of Road Slope Protection Structure 2,280 Square Meters | ₱ 25.39 / Square Meters | ₱ 57,900 |
| ROW – ROW Acquisition | - | - | ROW – ROW Acquisition | - | - |
| EAO | - | ₱ 2,100 | EAO | - | ₱ 2,100 |
| Total: | | ₱ 60,000 | Total: | | ₱ 60,000 |
| Justification: | | | | | |
| <ul style="list-style-type: none">• The changes in station limits as per GAA was deemed necessary in consideration with the actual site condition and location of the slope-compromised section.• The difference in the estimated unit cost as per GAA and as per POW amounting to Php 17,353.07/sq.m. for the Construction of Slope Protection Structures of the aforementioned project was due to the change of slope mitigation structure to be utilized in the said section and also to the increase in the design length of anchors, as recommended in the design analysis, which affects the unit cost of Item 513(1): Permanent Ground Anchor.• Further, the utilization of the prevailing construction material cost of system components of the Active System contributed to the variation in unit cost thereon causing a deduction in the target area of the proposed slope mitigation.• Over all, the increase in unit cost is considered reasonable as the unit cost of items of work involved are within the range of the prevailing costs of the Department | | | | | |

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.


ROBERTO R. BERNARDO

Undersecretary for Regional Operations
In Luzon (except NCR and Region IV-B)

APPROVED/DISAPPROVED:


ROGER G. MERCADO
Acting Secretary

2.1 ACL/MBB/RRB


DPWH - OSEC
RECEIVED
MAR 30 2022
By: _____ Time: 3:10
Control No.: 22-6802
IDTS No.: 06740



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

February 18, 2022

MEMORANDUM

FOR : ROGER G. MERCADO
Acting Secretary

THRU : ROBERTO R. BERNARDO
Undersecretary for Regional Operations in Luzon
except NCR and Region IV-B

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 - Tertiary Roads - Banaue-Hungduan-Benguet Bdry Rd - K0366 + 000 - K0366 + 150

We are respectfully submitting the modification of the above project in the amount of **Sixty Twenty Million Pesos (Php 60,000,000.00)**, as indicated below:

| | FROM | TO |
|-----------------|---|---|
| Project Title | Banaue-Hungduan-Benguet Bdry Rd - K0366 + 000 - K0366 + 150 | Banaue-Hungduan-Benguet Bdry Rd - K0366 + 000 - K0366 + 070 |
| Physical Target | 7,200.00 Square meters | 2,280.00 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/EFD/JWC/ABM

Form for Modification Request

| A. GENERAL | | | | | |
|--|---|--|--|--|---|
| 1. REGION Cordillera Administrative Region | | 2. DEO Ifugao 1st District Engineering Office | | 3. LEGISLATIVE DISTRICT BENGUET (LONE DISTRICT) | |
| B. ORIGINAL PROJECT | | | C. PROPOSED REVISED PROJECT | | |
| 4. UACS (Unified Account Code Structure as defined in GAA) 310109100782000 | | | | | |
| 5. Project Id P00604214LZ | | | | | |
| 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/Tertiary 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) Banaue-Hungduan-Benguet Bdry Rd - K0366 + 000 - K0366 + 150 | | | 20. PROJECT DESCRIPTION (of the revised project) Banaue-Hungduan-Benguet Bdry Rd - K0366 + 000 - K0366 + 070 | | |
| 11. ALLOTMENT (P'000) (as recorded in GAA) 60,000 | | | 21. REVISED ESTIMATED COST (P'000) (Equal to, or lower than GAA allotment) 60,000 | | 22. CAF (To be obtained from Financial Management office) <input 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 | 7,200 | Lane Km | CW1 | 2,280 | Lane Km |
| 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 | 57,900 | 8.04 | CW1 | 57,900 | 25.39 |
| EAO | 2,100 | | EAO | 2,100 | |


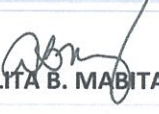

Form for Modification Request

| | | | | | | | |
|---|--|------------------|--|---|--|------------------|--|
| 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) Tertiary Road | | | | 26. ROAD CLASSIFICATION (if applicable) Tertiary 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 | | Planned End Date | | Planned Start Date | | Planned End Date | |
| 03/24/2022 | | 09/19/2022 | | 03/24/2022 ✓ | | 09/19/2022 ✓ | |
| 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 changes in station limits as per GAA was deemed necessary in consideration with the actual site <u>condition</u> and location of the slope-compromised section. ✓ The difference in the estimated unit cost as per GAA and as per POW amounting to Php 17,353.07/sq.m. for the Construction of Slope Protection Structures of the aforementioned project was due to the change of slope mitigation structure to be utilized in the said section and also to the increase in the design length of anchors, as recommended in the design analysis, which affects the unit cost of Item 513(1): Permanent Ground Anchor. Further, the utilization of the prevailing <u>construction material cost</u> of system components of the Active System contributed to the variation in unit cost thereon causing a deduction in the target area of the proposed slope mitigation. Over all, the increase in unit cost is considered reasonable as the unit cost of items of work involved are within the range of the prevailing costs of the Department |
| 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: | 02/18/2022 |
| 36. REVIEWED BY DISTRICT OFFICE (If Required) | | 36. REVIEWED BY DISTRICT OFFICE (If Required) | |
| Name: | | Name: |  ANGELITA B. MABITAZAN |
| Position: | | Position: | Chief, Planning and Design Division |
| Date: | | Date: | 02/18/2022 |
| 37. RECOMMENDED BY DISTRICT OFFICE (If Required) | | 37. RECOMMENDED BY DISTRICT OFFICE (If Required) | |
| Name: | | Name: |  KHADAFFY D. TANGGOL |
| Position: | | Position: | Regional Director |
| Date: | | Date: | 02/18/2022 |

Form for Modification Request

UACS (Unified Account Code Structure as defined in GAA)

310109100782000

Project Id

P00604214LZ

40. DPWH OFFICE OF THE UNDERSECRETARIES FOR OPERATIONS USE ONLY

Category of Modification
(choose one)

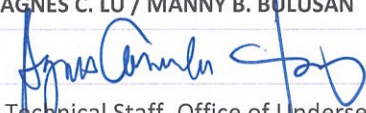
- ☐ Category A – Typographical Errors
- ☐ Category B – Change in Station Limits, due to increase or decrease in budget
- ☐ Category C – Change in Location
- ☐ Category D – Change in Operating Unit (requires DBM approval)
- ☐ Adjustment – Send to PS-PD to amend MYPs
- ☐ Modification does not comply with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

Signature: 

Position: Technical Staff, Office of Undersecretary ROBERTO R. BERNARDO

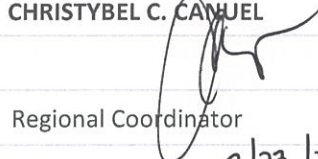
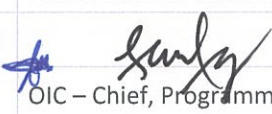
Date:

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

| | |
|--|--|
| <p>Name: CHRISTYBEL C. CANUEL</p> <p>Signature: </p> <p>Position: Regional Coordinator</p> <p>Date: 3/23/2022</p> | <p>Name: PETER PAUL R. CORTEZ</p> <p>Signature: </p> <p>Position: OIC – Chief, Programming Division</p> <p>Date:</p> |
|--|--|

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 |
|----------------------|------------|---------------------------|-------------------------|-------------------|-----------------|---------------|---|---|------------------|--------------------|
| P00604214LZ – CW1 | S00498LZ | K0366 + 000 | K0366 + 070 | 11720 | 11790 | 70 | Construction of Road Slope Protection Structure | Slope Protection Works (Rockfall Netting with Hydroseedin g, Erosion Control Mat and Permanent Ground Anchor (R/S)) | Square meters | 2,280 |