



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

June 13, 2023

MEMORANDUM

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

ATTENTION : **RUSTOM A. MARTINEZ**
District Engineer
Mountain Province Second District Engineering Office
Natonin, Mountain Province

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

1. OO1: Ensure Safe and Reliable National Road System - Asset Preservation - Preventive Maintenance - Tertiary Roads Jct Talubin-Barlig-Natonin-Paracelis-Calaccad Rd – K0472 + **350 – K0472 + 1830 - - - ₱26,789,000.00**
2. OO1: Ensure Safe and Reliable National Road System – Network Development – Paving of Unpaved Roads Tertiary Roads Jct Talubin-Barlig-Natonin-Paracelis-Calaccad Rd - K0408 + 741 - K0408 + 939, K0410 + 816 - K0410 + 942 - - - **₱24,950,000.00**

Please be 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.


ADOR G. CANLAS

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



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

March 23, 2023

MEMORANDUM

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

This refers to the memorandum dated 16 March 2023 of **DPWH CAR Regional Director KHADAFFY D. TANGGOL**, endorsing the request of **District Engineer RUSTOM A. MARTINEZ, Mountain Province Second District Engineering Office**, for the **modification** of the project under FY 2023 GAA, to wit;

| As per GAA/Original | | | As Modified | | |
|--|---------------------------------|-----------------|--|---|-----------------|
| Project Description | | | | | |
| UACS No. 310212100244000 Project ID: P00711558LZ | | | | | |
| OO1: Ensure Safe and Reliable National Road System- Network Development - Paving of Unpaved Roads - Tertiary Roads | | | OO1: Ensure Safe and Reliable National Road System- Network Development - Paving of Unpaved Roads - Tertiary Roads | | |
| Jct Talubin-Barlig-Natonin-Paracelis-Calaccad Rd- K0408 + 741 - K0408 + 939, K0410 + 816 - K0410 + 942, K0416 + 126 - K0416 + 301 | | | Jct Talubin-Barlig-Natonin-Paracelis-Calaccad Rd- K0408 + 741 - K0408 + 939, K0410 + 816 - K0410 + 942 | | |
| Type of Work/ Physical Target | Unit Cost | Allocation | Type of Work/ Physical Target | Unit Cost | Estimated Cost |
| CW1- Paving of Unpaved Roads: 0.998 Lane Km | ₱ 24,500,000.00 / Lane Km | ₱ 24,451,000.00 | CW1- Construction of Concrete Road: 0.571 Lane Km | ₱16,752,142.89/ Lane Km | ₱ 9,565,473.59 |
| | | | CW2- Construction of Slope Protection Structure: 583 sq.m. | ₱33.4 m/k. ₱ 15,335.44 / sq.m. | ₱ 8,940,561.95 |
| | | | CW3- Construction of Drainage Structure: 937 sq.m. | ₱ 6,344.68 / sq.m. | ₱ 5,944,964.46 |
| EAO | — | ₱ 499,000.00 | EAO | — | ₱ 499,000.00 |
| Total: | | ₱ 24,950,000.00 | Total: | | ₱ 24,950,000.00 |

Justification:

The project has to be modified in view of the following:

- Decrease in physical target since the road traverses on a mountainous terrain with portions of rolling terrain as per actual site condition instead of the anticipated flat terrain. Hence, requires more earthworks.
- Inclusion of CW2: Construction of Slope Protection Structures like concrete retaining wall to protect the road section from road slips and scouring.
- Inclusion of CW3: Construction of Drainage Structure, includes RCPC, Inlets, Stone Masonry Headwall and Grouted Riprap Drainage protection to address run-off water and flooding along the area.
- The derived unit cost is based on approved Detailed Unit Price Analysis (DUPA) and Program of Work (POW).

Attached are the following supporting documents: Approved Program of Works (POW) with Detailed Unit Price Analysis (DUPA), Detailed Engineering Design (DED), Certificate of Availability of Funds (CAF), BP 202, Geotagged photos, GIS Map and Certification of No overlapping (Certified by the District Engineer, Construction and Maintenance Division Chief).

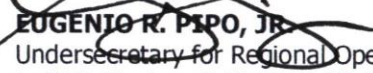
Based on our evaluation, the submitted request for modification of the said project is in order; hence, approval hereof is recommended.


ADOR G. CANLAS


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

RECOMMENDING APPROVAL:


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


EUGENIO R. PIHO, JR.
Undersecretary for Regional Operations
in CAR, Regions I, II, IX, X, XI, XII, and XIII

APPROVED/~~DISAPPROVED~~:


MANUEL M. BONOAN
Secretary

2.3 mksa/MLS/AVS/AGC/ERP

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

March 30, 2023

MEMORANDUM

FOR : MANUEL M. BONOAN
Secretary

THRU : EUGENIO R. PIPO, JR.
Undersecretary for Regional Operations
CAR, Regions I, II, IX, X, XI, XII, and XIII

**SUBJECT : Request for Modification of the Project: ORGANIZATIONAL OUTCOME 1:
Ensure Safe and Reliable National Road System- Network Development
- Paving of Unpaved Roads - Tertiary Roads, Jct Talubin-Barlig-Natonin-
Paracelis-Calaccad Rd - K0408 + 741 - K0408 + 939, K0410 + 816
K0410 + 942, K0416 + 126 - K0416 + 301**

We are respectfully forwarding the Memorandum dated March 15, 2023 from Jerry S. Chemicag, Planning and Design Section Chief, Mountain Province Second District Engineering Office, regarding the modification of the above project in the amount of **Twenty Four Million Nine Hundred Fifty Thousand Pesos (Php 24,950,000.00)** as indicated below:

| | FROM | TO |
|-----------------|---|--|
| Project ID | | |
| Project Title | ORGANIZATIONAL OUTCOME 1: Ensure Safe and Reliable National Road System- Network Development - Paving of Unpaved Roads - Tertiary Roads, Jct Talubin-Barlig-Natonin-Paracelis-Calaccad Rd- K0408 + 741 - K0408 + 939, K0410 + 816 - K0410 + 942, K0416 + 126 - K0416 + 301 | ORGANIZATIONAL OUTCOME 1: Ensure Safe and Reliable National Road System- Network Development - Paving of Unpaved Roads - Tertiary Roads, Jct Talubin-Barlig-Natonin-Paracelis-Calaccad Rd - K0408 + 741 - K0408 + 939, K0410 + 816 - K0410 + 942 |
| Type of Work | CW1 - Construction of Concrete Road | CW1 - Construction of Concrete Road |
| | | CW2 - Construction of Road Slope Protection Structure |
| Physical Target | 0.998 Lane Km | 0.571 Lane Km |
| | | 929 Square Meter |
| Allocation | Php 24,950,000.00 | Php 24,950,000.00 |

The supporting documents based on D.O No. 23, series of 2023 are attached for your ready reference.

For the consideration of the Secretary.


KHADAFFY D. TANGGOL
Regional Director

CAR.1 AGG/EFD/JWC/ABM



Republic of the Philippines
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
**MOUNTAIN PROVINCE SECOND
DISTRICT ENGINEERING OFFICE**
CORDILLERA ADMINISTRATIVE REGION
Natonin, Mountain Province

March 15, 2023

MEMORANDUM

FOR : KHADAFFY D. TANGGOL
Regional Director

THRU : ANGELITA B. MABITAZAN
Chief, Planning and Design Division

SUBJECT : Request for Modification of the CY 2023 Project: Jct Talubin-Barlig-Natonin-Paracelis-Calaccad Rd- K0408 + 741 - K0408 + 939, K0410 + 816 - K0410 + 942

Respectfully submitted is the request for modification of the above project under OO1: Ensure Safe and Reliable National Road System- Network Development - Paving of Unpaved Roads - Tertiary Roads. The proposed changes are as follows:

| Particulars | From | To |
|---------------------------|--|--|
| Project Description | Jct Talubin-Barlig-Natonin-Paracelis-Calaccad Rd- K0408 + 741 - K0408 + 939, K0410 + 816 - K0410 + 942, K0416 + 126 - K0416 + 301 | Jct Talubin-Barlig-Natonin-Paracelis-Calaccad Rd- K0408 + 741 - K0408 + 939, K0410 + 816 - K0410 + 942 |
| Physical Target | 0.998 Lane Km | 0.571 Lane Km (CW1) 583 sq.m. (CW2) 937 sq.m. (CW3) |
| Unit Cost (Excluding EAO) | ₱ 24,500,000.00 / Lane Km | ₱ 16,752,142.89/ Lane Km (CW1) ₱ 15,335.44 / sq.m. (CW2) ₱ 6,344.68 / sq.m. (CW3) |

Attached are the supporting documents based on D.O. No. 13, Series of 2023, "Guidelines on Modification Under the General Appropriations Act (GAA)" and Memorandum of Undersecretary Maria Catalina E. Cabral, Ph.D., CESO I dated February 20, 2023 with the same subject.

For your perusal.

RUSTOM A. MARTINEZ
District Engineer

By the Authority of the District Engineer:


JERRY S. GHIMICAG
Chief, Planning and Design Section
CAR. 19.1 BGD/ASP/JSC

Email Address: dpwh.mpdeo2nd@gmail.com

Form for Modification Request

A. GENERAL

| | | |
|--|---|---|
| 1. REGION Cordillera Administrative Region | 2. DEO Mountain Province Second District Engineering Office | 3. LEGISLATIVE DISTRICT Mountain Province Lone District |
|--|---|---|

B. ORIGINAL PROJECT

4. UACS (Unified Account Code Structure as defined in GAA)
310212100244000

5. Project Id
P00711558LZ

6. Project Category
OO1: Ensure Safe and Reliable National Road System

7. P/A/P
Network Development - Paving of Unpaved Roads - Tertiary Roads

8. Operating Unit
Mountain Province Second District Engineering Office

9. Type of Work (Enter Details for all Components below)

| Component ID | Type of Work |
|--------------|-------------------------|
| CW1 | Paving of Unpaved Roads |

10. PROJECT DESCRIPTION (as recorded in GAA)
Jct Talubin-Barlig-Natonin-Paracelis-Calaccad Rd- K0408 + 741 - K0408 + 939, K0410 + 816 - K0410 + 942, **K0416 + 126 - K0416 + 301**

11. ALLOTMENT (P'000) (as recorded in GAA)
24,950

12. PHYSICAL TARGET (Enter Details for all Components below)

| Component ID | Target | Target Unit |
|--------------|--------------|-------------|
| CW1 | 0.998 | Lane Km |

13. UNIT COST (Enter Details for all Components below)

| Component ID | Component Cost (P'000) | Target Unit Cost (P'000/Target Unit) |
|--------------|------------------------|--------------------------------------|
| CW1 | 24,451 | 24,500 |
| EAO | 499 | |

C. PROPOSED REVISED PROJECT

18. Operating Unit (Change subject to DBM approval)
Mountain Province Second District Engineering Office

19. Type of Work (Enter Details for all Components below)

| Component ID | Type of Work |
|--------------|---|
| CW1 | Construction of Concrete Road |
| CW2 | Construction of Slope Protection Structure |
| CW3 | Construction of Drainage Structure |

20. PROJECT DESCRIPTION (of the revised project)
Jct Talubin-Barlig-Natonin-Paracelis-Calaccad Rd- K0408 + 741 - K0408 + 939, K0410 + 816 - K0410 + 942

21. REVISED ESTIMATED COST (P'000) (Equal to, or lower than GAA allotment)
24,950

22. CAF (To be obtained from Financial Management office)
☒ **YES**

23. PHYSICAL TARGET (Enter Details for all Components below)

| Component ID | Target | Target Unit |
|--------------|--------------|---------------------------|
| CW1 | 0.571 | Lane Km |
| CW2 | 583 | Square Meters (m2) |
| CW3 | 937 | Square Meters (m2) |

24. UNIT COST (Enter Details for all Components below)

| Component ID | Component Cost (P'000) | Target Unit Cost (P'000/Target Unit) |
|--------------|------------------------|--------------------------------------|
| CW1 | 9,565.473 | 16,752.142 |
| CW2 | 8,940.561 | 15.335 |
| CW3 | 5,944.964 | 6.345 |
| EAO | 499 | |

Form for Modification Request

14. PROJECT WORK LOCATION (Must be defined in strict accordance with DO 65 Series 2014)

Start X End X

Start Y End Y

15. ROAD CLASSIFICATION (if applicable)

Tertiary

16. IMPLEMENTING OFFICE (Record the Implementing Office of the original project)

Mountain Province Second District Engineering Office

17. PROJECT IMPLEMENTATION PLAN (PIP)

Planned Start Date

February 1, 2023

Planned End Date

July 3, 2023

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)

Start X End X

Start Y End Y

26. ROAD CLASSIFICATION (if applicable)

Tertiary

27. IMPLEMENTING OFFICE (Record the Implementing Office of the proposed revised project)

Mountain Province Second District Engineering Office

28. PROJECT IMPLEMENTATION PLAN (PIP)

Planned Start Date

March 1, 2023

Planned End Date

July 31, 2023

29. OVERLAP?

☒ NO ☐ YES

30. UNDER WARRANTY?

☒ NO ☐ YES

D. ATTACHMENTS & JUSTIFICATIONS

31. PROJECT IMPACT ANALYSIS ATTACHED? (For Flood Control Projects)

☐ NO ☐ YES ☒ N/A

32. TECHNICAL JUSTIFICATION (Explain in detail in Bullet point format; minimum of 2 points)

- Decrease in physical target since the road traverses on a mountainous terrain with portions of rolling terrain as per actual site condition instead of the anticipated flat terrain. Hence, requires more earthworks.
- Inclusion of CW2: Construction of Slope Protection Structures like concrete retaining wall to protect the road section from road slips and scouring.
- Inclusion of CW3: Construction of Drainage Structure, includes RCPC, Inlets, Stone Masonry Headwall and Grouted Riprap Drainage protection to address run-off water and flooding along the area.
- The derived unit cost is based on approved Detailed Unit Price Analysis (DUPA) and Program of Work (POW).

33. GEOTAGGED PHOTOS SUBMITTED

☐ NO ☒ YES

34. A MAP GENERATED FROM THE DEPARTMENT'S GIS OF THE PROPOSED PROJECT WORK LOCATION SUBMITTED

☐ NO ☒ YES

Form for Modification Request

35. PREPARED BY:

Name:  BETHANY D. PADISING

Position: Engineer II

Office: Mountain Province 2nd DEO

Date:

36. REVIEWED BY DISTRICT OFFICE (If Required)

Name:  JERRY S. CHMUCAG

Position: Chief, Planning and Design Section

Date:

38. REVIEWED BY REGIONAL OFFICE

Name:  ANGELITA B. MABITAN

Position: Chief, Planning and Design Division

Date:

37. RECOMMENDED BY DISTRICT OFFICE (If Required)

Name:  RUSTOM A. MARTINEZ

Position: District Engineer

Date:

39. RECOMMENDED BY REGIONAL OFFICE

Name:  KHADAFFY D. TANGGOL

Position: Regional Director

Date:

UACS (Unified Account Code Structure as defined in GAA)

310212100244000

Project Id

P00711558LZ

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 checked="" 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. MANUELL SINGSON

Name: Engr. ANTONIO V. SOBREVINAS, JR.

Signature

Position: Project Manager I

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: ANNA ANDREA M. NOCHE

Name: PETER PAUL R. CORTEZ

Signature

Signature:

Position: Regional Coordinator

Position: OIC – Chief, Programming Division

Date:

Date:

Annexure A to Form for Modification Request

[illegible]