



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



May 24, 2024

MEMORANDUM

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

ATTENTION : **OIC-District Engineer REX K. OYA-OY**
Benguet 2nd District Engineering Office
Buguias, Benguet

Transmitted herewith is the **APPROVED** request for the **modification** of hereunder stated project:

1. OO1: Ensure Safe and Reliable National Road System - Asset Preservation - Rehabilitation/ Reconstruction of National Roads with Slips, Slope Collapse, and Landslide - Tertiary Roads - Gov. Bado Dangwa National Rd - K0275+790 - K0275+895, K0279+650 - K0279+758, K0280+250 - K0280+398, K0281+108 - K0281+200 - - - **P8,970,000.00**

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.

REY PETER B. GILLE, D.M.

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

2.3 LDAM/AVS/RPBG/ERP

Project Modification of Allotment under the GAA Request Evaluation Form

Date of Evaluation: 05/03/2024

P/A/P 1 (001, 002, CSSP, LP):	Appropriation Source:	FY 2024 GAA
ORGANIZATIONAL OUTCOME 1 : Ensure Safe and Reliable National Road System	UACS:	310109101533000
P/A/P 2 (Program):	Project ID:	P00802676LZ
Asset Preservation Program	Region:	Cordillera Administrative Region
P/A/P 3 (Sub-Program):	Implementing Office:	Benguet 2nd District Engineering Office
Rehabilitation/ Reconstruction of Roads with Slips, Slope Collapse, and Landslide - Tertiary Roads	Appropriation (Php):	8,970,000

Name of Project per GAA:

Gov. Bado Dangwa National Rd - K0275 + 790 - K0275 + 895, K0279 + 650 - K0279 + 758, K0280 + 250 - K0280 + 398, K0281 + 108 - K0281 + 200

Implementing Office
A Justification for Modification:

A.1 ☒ Certificate of Reasonableness of Cost Estimate approved by: RD Khadaffy D. Tanggol dated: March 20, 2024

- The change in station limit reflects the exact stations required to be overlayed due to the fair to bad condition ascertained through RoCond and actual field survey.
- Additional CW is needed to account for the intermittent pavement reconstruction within stations (17.81% of the civil works).
- The increase in unit cost for CW1 is due to the material source of aggregates required for the project, based on actual distance of project site from approved source as suggested by the time cycle analysis for the project.

DPWH - OSEC RECEIVED
MAY 21 2024
By: 24-07990 Time: 07387
Control No. 07387
IDTS No. 07387

B. PER PLANNING SERVICE EVALUATION

B.1 ☐ **PROJECT MODIFICATION ON PROJECT DESCRIPTION**

B.1.1 ☐ Typographical Error/s B.1.3 ☐ Change in Station Limits
B.1.2 ☐ Change in Location (for non-existent locations only) B.1.4 ☐ Addition/ Deletion of Word/s

B.2 ☒ **PROJECT MODIFICATION/ADJUSTMENTS ON PROJECT COMPONENTS**

B.2.1 ☒ Change in Targets B.2.3 ☒ Change in Component Amount
B.2.2 ☐ Change in Scope of Work B.2.3.1 ☐ Addition of Component (including excess amount)
B.2.3.2 ☒ Deletion of Component
B.2.3.3 ☒ Movement of Funds between Components

C. RESULTANT AFTER MODIFICATION

C.1 ☐ Additional Project Component/s
C.2 Component/s:

COMP	SCOPE OF WORK		TARGET		INCREASE/ DECREASE (%)	
	FROM	TO	FROM	TO	Unit Cost	Target
CW1	Construction of Road Slope Protection Structure	Construction of Road Slope Protection Structure	570.0 sq. meters	513.0 sq. meters	58.96%	-10.00%
CW2	Rehabilitation / Major Repair of Road Slope	-	245.01	-	-	-
CW3	-	-	-	-	-	-
CW4	-	-	-	-	-	-

D. AS EVALUATED

D.1 ☒ ALLOWED as per the GAA Provisions
D.2 ☐ NOT ALLOWED as per the GAA Provisions
D.3 Remarks (to be filled-up by Planning Service):

- CW1 - Increase in Unit Cost
- CW2 - Deletion of Civil Works
- Unit Cost Reviewed by BOC thru attached memo dated 24 April 2024 (considered reasonable / no excess)

Evaluated By:

ALEX G. BOTE
Director, Planning Service

Noted By:

CONSTANTE A. LLANES JR., CESO III
Assistant Secretary, Planning Service

E. Approving Authority as per latest Approved Guidelines on Modification of Allotment under the GAA

E.1 ☒ Secretary
E.2 ☐ Undersecretary for Operations

☒ Recommended for Approval
Remarks:

MARIA CATALINA E. CABRAL, CESO I, Ph.D.
Undersecretary for Planning and PPP Services



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



April 26, 2024

MEMORANDUM

FOR : MANUEL M. BONOAN
Secretary
This Department

This refers to the memorandum dated April 1, 2024 of **DPWH CAR Regional Director KHADAFFY D. TANGGOL**, endorsing the request of **OIC-District Engineer REX K. OYA-OY, Benguet Second District Engineering Office**, for the **modification** of the project under FY 2024 GAA, to wit;

As per GAA/Original			As Modified		
Project Description					
UACS No. : 310109101533000 Project ID: P00802676LZ					
OO1: Ensure Safe and Reliable National Road System - Asset Preservation - Rehabilitation/ Reconstruction of National Roads with Slips, Slope Collapse, and Landslide - Tertiary Roads			OO1: Ensure Safe and Reliable National Road System - Asset Preservation - Rehabilitation/ Reconstruction of National Roads with Slips, Slope Collapse, and Landslide - Tertiary Roads		
Gov. Bado Dangwa National Rd - K0275+790 - K0275+895, K0279+650 - K0279+758, K0280+250 - K0280+398, K0281+108 - K0281+200			Gov. Bado Dangwa National Rd - K0275+790 - K0275+895, K0279+650 - K0279+758, K0280+250 - K0280+398, K0281+108 - K0281+200		
Type of Work/ Physical Target	Unit Cost	Allocation	Type of Work/ Physical Target	Unit Cost	Estimated Cost
CW1 - Construction of Road Slope Protection Structure / 570 Square meters	₱ 10,780.00 / Square meters	₱ 6,144,600.00	CW1 - Construction of Road Slope Protection Structure / 513 Square meters	₱ 17,135.67 / Square meters	₱ 8,790,600.00
CW2 - Rehabilitation / Major Repair of Road Slope Protection Structure / 245.01 Square meters	₱ 10,799.56 / Square meters	₱ 2,646,000.00			
EAO	-	₱ 179,400.00	EAO	-	₱ 179,400.00
Total:		₱ 8,970,000.00	Total:		₱ 8,970,000.00
Justification:					
The decrease in physical target for CW1 – Construction of Road Slope Protection Structures from 570 square meters to 513 square meters and the removal of CW2 – Rehabilitation / Major Repair of Road Slope Protection Structure are due to the following:					
<ul style="list-style-type: none">The removal of CW2 – Rehabilitation / Major Repair of Road Slope Protection Structure was deemed essential since the existing slope protection structure at K0280+250 – K0280+398 completely collapsed during the					

Atc-co-202404-6/238

onslaught of previous monsoons, rendering the structure beyond repair or rehabilitation, thus, the need to construct a new slope protection structure to prevent further damage or aggravation.

- The decrease in the physical target and increase in the unit cost were deemed necessary to incorporate reinforced concrete barriers, reconstruct damaged PCCP with a width of 3.35m and 20m long starting from K0280+290 and construct concrete shoulders at sections K0280+250 and K0280+310 and K0281+135 to K0281+148; and construct drainage structures such as gutters, 910mm dia. RCPC, and concrete flumes.
- The derived unit cost is based on the approved Program of Work (POW) with Detailed Unit Price Analysis (DUPA).
- The unit cost has also been evaluated and reviewed by the Bureau of Construction (BOC). See attached Evaluation of the Bureau of Construction for this project dated April 24, 2024.
- See attached Certificate of Reasonableness of Estimates approved by the Regional Director.

Attached are the following supporting documents: RSM Annexes, Approved Program of Works (POW), Detailed Engineering Design (DED), Certificate of Availability of Funds, BP202, Geotagged Photos, GIS Map, and Certificate of Reasonableness of Unit Cost.

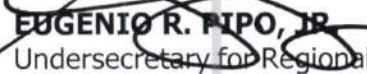
Based on our evaluation, the submitted request for modification of the said project is in order; hence, approval hereof is recommended.


REY PETER B. GILLE, D.M.


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, and XIII

APPROVED/~~DISAPPROVED~~:


MANUEL M. BONOAN
Secretary

Department of Public Works and Highways
Office of the Secretary



WIN4E03359

2.3 mksa/MLS/AVS/RPBG/ERP



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



April 24, 2024

MEMORANDUM

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

SUBJECT : Request for Approval of Modification of Projects under FY 2024 GAA:

- 1. Convergence and Special Support Program – Basic Infrastructure Program (BIP) – Access Roads and/or Bridges from the National Road/s leading to Major/ Strategic Public Buildings/ Facilities**
Improvement of Road, Sayangan Road, Barangay Paoay, Atok, Benguet
- 2. Asset Preservation – Rehabilitation/Reconstruction of National Roads with Slips, Slope Collapse, and Landslide – Tertiary Roads**
Gov. Bado Dangwa National Rd – K0275+790 – K0275+895, K0279+650 – K0279+758, K0280+250 – K0280+398, K0281+108 - K0281+200

Forwarded herewith are the results of the evaluation for the above-mentioned projects, which were referred to this office for review and evaluation.

PROJECT NO. 1

The requested amount of **P5,000,000.00** (inclusive of EAO) for the 0.117 lane kilometer Improvement of Road, Sayangan Road, Barangay Paoay, Atok, Benguet, Sta. 0+000 – Sta. 0+116.86, may be considered reasonable as evaluated subject to updating of cost/price prior to bidding based on the items of work involved and its corresponding quantities as reflected in the Approved Program of Works (POW) and Detailed Engineering Design Plan, duly approved by the District Engineer, Benguet Second District Engineering Office.

ITEM NO.	DESCRIPTION	AMOUNT (Total Cost)	PERCENT Weight (%)
CW-1	Construction of Concrete Road		
Part B	Other General Requirements	P 219,003.01	4.42%
Part C	Earthworks	P 430,010.28	8.69%
Part D	Subbase and Base Course	P 91,226.11	1.84%
Part E	Surface Course	P 1,912,668.06	38.64%

Part F	Plain Reinforced Structures	P	2,450.55	0.05%
Part G	Drainage and Slope Protection Structures	P	240,196.87	4.85%
CW-2	Construction of Drainage Structure along Road			
Part F	Plain Reinforced Structures	P	2,054,453.91	41.50%
	GRAND TOTAL	P	4,950,008.79	100.00%

CW1-Construction of Concrete Road

Cost per lane kilometer = $\frac{P2,676,551.87}{0.117 \text{ lane kms}}$ = P22,876,511.71 /lane km
(Except Part B)

CW2-Construction of Drainage Structure along Road

Cost per lineal meter = $\frac{P2,054,453.91}{115.86 \text{ lineal meters}}$ = P17,732.21 /lineal meter
(Part F Only)

The estimated cost of P22,876,511.71 per lane kilometer of road is attributed to the concreting of 288 sq.m. unreinforced PCCP and 215.58 sq.m. reinforced PCCP, while the cost of P17,732.21 per lineal meter of drainage structure is attributed to the construction of a 70.86m reinforced box canal, both of which accounts for 95.58% of the total project cost. Since these are the major items of work for the project, it is considered reasonable as the unit costs of the items involved are within the prevailing cost range of the Department.

PROJECT NO. 2

The requested amount of **P8,970,000.00** (inclusive of EAO) for the Rehabilitation/ Reconstruction of National Roads with Slips, Slope Collapse, and Landslide – Tertiary Roads Gov. Bado Dangwa National Rd - K0275+790 - K0275+895, K0279+650 - K0279+758, K0280+250 - K0280+398, K0281+108 - K0281+200, may be considered reasonable as evaluated subject to updating of cost/price prior to bidding based on the items of work involved and its corresponding quantities as reflected in the Approved Program of Works (POW) and Detailed Engineering Design Plan, duly approved by the District Engineer, Benguet Second District Engineering Office.

ITEM NO.	DESCRIPTION	AMOUNT (Total Cost)	PERCENT Weight (%)
Part B	Other General Requirements	P 452,162.07	5.14%
Part C	Earthworks	P 252,790.77	2.88%
Part D	Subbase and Base Course	P 55,158.83	0.63%
Part E	Surface Course	P 545,399.81	6.20%
Part F	Plain Reinforced Structures	P 6,041,677.18	68.73%
Part G	Drainage and Slope Protection Structures	P 1,329,270.71	15.12%
Part F	Miscellaneous Structures	P 114,148.71	1.30%
	GRAND TOTAL	P 8,790,608.08	100.00%

Cost per square meter = $\frac{P8,338,446.01}{513 \text{ square meters}}$ = P16,254.28 /square meter
(Except Part B)

The estimated cost of P16,254.28 per square meter of structure is attributed to the construction of various components, including a 32m length of 7m height retaining wall, an 11m length of 9m height crib wall, a 10m length of 10m height crib wall, a 20m length of 4.5m height stone masonry, and the construction of 259.2 sq.m. of 0.28m thick PCCP, which accounts for 94.86% of the total project cost. Since these are the major items of work for the project, it is considered reasonable as the unit costs of the items involved are within the prevailing cost range of the Department.


ALLAN S. BORRROMEO, CESO III
Director, Bureau of Construction

cc: Undersecretary ADOR G. CANLAS, CESO IV, for Technical Services and Information Management Service

6.1.1 FDF|CBC|JTS
04222024 Modification Benguet 2nd
Ref. No. BOC- 6.1-305-5058/6.1.1-234-01



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



April 1, 2024

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 - Asset Preservation - Rehabilitation/ Reconstruction of National Roads with Slips, Slope Collapse, and Landslide - Tertiary Roads - Gov. Bado Dangwa National Rd - K0275 + 790 - K0275 + 895, K0279 + 650 - K0279 + 758, K0280 + 250 - K0280 + 398, K0281 + 108 - K0281 + 200

We are respectfully forwarding the Memorandum dated March 22, 2024 from OIC - District Engineer Rex K. Oya-oy, Benguet 2nd District Engineering Office, regarding the modification of the above project in the amount of **Eight Million Nine Hundred Seventy Thousand Pesos (Php 8,970,000.00)** as indicated below:

	FROM	TO
Project ID	P00802676LZ	
Project Title	Gov. Bado Dangwa National Rd - K0275 + 790 - K0275 + 895, K0279 + 650 - K0279 + 758, K0280 + 250 - K0280 + 398, K0281 + 108 - K0281 + 200	Gov. Bado Dangwa National Rd - K0275 + 790 - K0275 + 895, K0279 + 650 - K0279 + 758, K0280 + 250 - K0280 + 398, K0281 + 108 - K0281 + 200
Type of Work	CW1 - Construction of Road Slope Protection Structure CW2 - Rehabilitation / Major Repair of Road Slope Protection Structure	CW1 - Construction of Road Slope Protection Structure
Physical Target	CW1 – 570 Square Meters CW2 – 245.01 Square Meters	CW1 – 513 Square Meters

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

For the consideration of the Secretary.

KHADAFY D. TANGGOL
Regional Director

CAR.1 DLBC/EFD/JWC/ABM



March 22, 2024

MEMORANDUM

FOR : KHADAFFY D. TANGGOL
Regional Director

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

SUBJECT : Submission of Requirements for FY 2024 Modification of the project, Asset Preservation - Rehabilitation/ Reconstruction of National Roads with Slips, Slope Collapse, and Landslide – Tertiary Roads along Gov. Bado Dangwa National Rd - K0275+790 - K0275+895, K0279+650 - K0279+758, K0280+250 - K0280+398, K0281+108 - K0281+200

Respectfully submitting the requirements for the modification of the FY 2024 project: "Asset Preservation - Rehabilitation/ Reconstruction of National Roads with Slips, Slope Collapse, and Landslide - Tertiary Roads along Gov. Bado Dangwa National Rd - K0275+790 - K0275+895, K0279+650 - K0279+758, K0280+250 - K0280+398, K0281+108 - K0281+200" for your endorsement.

FROM			TO		
Project Description					
UACS No. : 310109101533000 Project ID : P00802676LZ					
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		
Gov. Bado Dangwa National Rd - K0275+790 - K0275+895, K0279+650 - K0279+758, K0280+250 - K0280+398, K0281+108 - K0281+200			Gov. Bado Dangwa National Rd - K0275+790 - K0275+895, K0279+650 - K0279+758, K0280+250 - K0280+398, K0281+108 - K0281+200		
Physical Target	Unit Cost	Allocation	Physical Target	Unit Cost	Allocation
CW-1: Construction of Road Slope Protection Structure			CW-1: Construction of Road Slope Protection Structure		
570 sq.m	₱ 10,780.00	₱ 6,144,600.00	513 sq.m	₱ 17.13567	₱ 8,790,600.00
CW-2: Rehabilitation / Major Repair of Road Slope Protection Structure					
245.01 sq.m	₱ 10,799.56	₱ 2,646,000.00			
EAO (2%)		₱ 179,400.00	EAO (2%)		₱ 179,400.00
TOTAL		₱ 8,970,000.00	TOTAL		₱ 8,970,000.00

For your review.

REX K. OYA-OYA
OIC – District Engineer

CAR.17.1/VBC/LDR/EPM

Tables for Modification Request Form

A. GENERAL

1. REGION

Cordillera Administrative Region

2. DEO

Benguet Second District Engineering Office

3. LEGISLATIVE DISTRICT

BENGUET (LONE DISTRICT)

B. ORIGINAL PROJECT

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

310109101533000 ✓

5. Project Id

POJ802676LZ ✓

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

Benguet Second District Engineering Office ✓

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

Component ID	Type of Work
CW1	Construction of Road Slope Protection Structure ✓

CW2	Rehabilitation / Major Repair of Road Slope Protection Structure ✓
-----	--

10. PROJECT DESCRIPTION (as recorded in GAA)

Gov. Bado Dangwa National Rd - K0275 + 790 - K0275 + 895, K0279 + 650 - K0279 + 758, K0280 + 250 - K0280 + 398, K0281 + 108 - K0281 + 200 ✓

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

8,970

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

Component ID	Target	Target Unit
CW1	570 ✓	Square Meters (m2)
CW2	245.01 ✓	Square Meters (m2)

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

Component ID	Component Cost (P'000)	Target Unit Cost (P'000/Target Unit)
CW1	6,144.60 ✓	10.78000 ✓
CW2	2,646.00 ✓	10.79956 ✓
EAO	179.4 ✓	

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

Start X

End X

Start Y

End Y

C. PROPOSED REVISED PROJECT

18. Operating Unit (Change subject to DAIV approval)

Benguet Second District Engineering Office ✓

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

Component ID	Type of Work
CW1	Construction of Road Slope Protection Structure ✓

20. PROJECT DESCRIPTION (of the revised project)

Gov. Bado Dangwa National Rd - K0275 + 790 - K0275 + 895, K0279 + 650 - K0279 + 758, K0280 + 250 - K0280 + 398, K0281 + 108 - K0281 + 200

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

8,970

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	513 ✓	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	8,790.6 ✓	17.13567 ✓
EAO	179.4 ✓	

25. PROJECT WORK LOCATION (Must be defined in strict accordance with DO 65 Series 2014. **For National Road projects under RAAS-C**)

Start X

End X

Start Y

End Y

Tables for Modification Request Form

15. ROAD CLASSIFICATION (if applicable)

Tertiary Road

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

Benguet Second District Engineering Office

17. PROJECT IMPLEMENTATION PLAN (PIP)

Planned Start Date

05/03/2024

Planned End Date

09/30/2024

26. ROAD CLASSIFICATION (if applicable)

Tertiary Road

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

Benguet Second District Engineering Office

28. PROJECT IMPLEMENTATION PLAN (PIP)

Planned Start Date

05/03/2024

Planned End Date

09/30/2024

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)

The decrease in physical target for CW1 – Construction of Road Slope Protection Structures from 570 square meters to 513 square meters and the removal of CW2 – Rehabilitation / Major Repair of Road Slope Protection Structure are due to the following:

- *The removal of CW2 – Rehabilitation / Major Repair of Road Slope Protection Structure was deemed essential since the existing slope protection structure at K0280+250 – K0280+398 completely collapsed during the onslaught of previous monsoons, rendering the structure beyond repair or rehabilitation, thus, the need to construct a new slope protection structure to prevent further damage or aggravation.*
- *The decrease in the physical target and increase in the unit cost were deemed necessary to incorporate reinforced concrete barriers, reconstruct damaged PCCP with a width of 3.35m and 20m long starting from K0280+290 and construct concrete shoulders at sections K0280+250 and K0280+310 and K0281+135 to K0281+148; and construct drainage structures such as gutters, 910mm dia. RCPC, and concrete flumes.*
- *The derived unit cost is based on the approved Program of Work (POW) with Detailed Unit Price Analysis (DUPA).*
- *The unit cost has also been evaluated and reviewed by the Bureau of Construction (BOC). See attached Evaluation of the Bureau of Construction for this project dated April 24, 2024.*
- *See attached Certificate of Reasonableness of Estimates approved by the Regional Director.*

Attached are the following supporting documents: RSM Annexes, Approved Program of Works (POW), Detailed Engineering Design (DED), Certificate of Availability of Funds, BP202, Geotagged Photos, GIS Map, and Certificate of Reasonableness of Unit Cost.

33. PHOTOS SUBMITTED

☐ NO

☒ YES

34. A MAP OF THE PROPOSED PROJECT WORK LOCATION SUBMITTED

☐ NO

☒ YES

Tables for Modification Request Form

35. PREPARED BY:

Name:


VANESSA B. CHAN

Position: Engineer II

Office:

Benguet 2nd District Engineering Office

Date:

36. REVIEWED BY DISTRICT OFFICE (If Required)

38. REVIEWED BY REGIONAL OFFICE

Name:


LAWRENCE D. ROMERO

Name:


ANGELITA B. MABITAZAN

Position:

OIC - Chief, Planning and Design Section

Position:

Chief, Planning and Design Division

Date:

Date:

37. RECOMMENDED BY DISTRICT OFFICE (if Required)

39. RECOMMENDED BY REGIONAL OFFICE

Name:


REX K. UTAYOY

Name:


KHADAFY D. TANGGOL

Position:

OIC - District Engineer

Position:

Regional Director

Date:

Date:

Tables for Modification Request Form

UACS (Unified Account Code Structure as defined in GAF)

310109101533000

Project Id

P00802676LZ

40. DPWH OFFICE OF THE UNDERSECRETARIES FOR OPERATIONS

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

Category A	Category B	Category C	Category D	Impact
<input type="checkbox"/> Typographical error on Project Description	<input type="checkbox"/> Overlapping Sections <input type="checkbox"/> Change in Station Limits <input type="checkbox"/> Change in Physical Target	<input type="checkbox"/> No such Barangay <input type="checkbox"/> No such City or Municipality	<input type="checkbox"/> Change in (IO), requiring a change in the (OU)	<input type="checkbox"/> No change or decrease in unit cost <input type="checkbox"/> 20% or less increase in unit cost <input type="checkbox"/> > 20% increase in unit cost

Reviewed by Office of the Undersecretary for Operations

Name:

Engr. MANUEL L. SINGSON

Engr. ANTONIO V. SOBREVÍÑAS, JR.

Signature

Position:

Project Manager I

Project Manager III

Date:

41. DPWH PLANNING SERVICE

Category of Modification

(please check the appropriate)

- ☐ Category A – Typographical Error
- ☐ Category B – Change in Station Limits
- ☐ Category C – Change in Location, due to non-existing location
- ☐ Category D – Change in Operating Unit (requires DBM approval)
- ☐ Modification does not comply with DBM Categories

Reviewed by Planning Service

Name:

ANNA ANDREA M. NOCHE

Name:

PETER PAUL R. CORTEZ

Signature

Signature:

Position:

Regional Coordinator

Position:

OIC - Chief of Programming Division

Date:

5-3-24

Date:

ANNEX A: Project Work Location Details for National Roads

Component ID	Section ID	Start Limit	End Limit	Start	End	Length	Type of Work	Detail Scope of Work	Target Unit	Physical Target
		LRP + Disp	LRP + Disp	Chainage	Chainage	(m)				
CW-1	S00398LZ	K0275+790	K0275+895	12670	12775	105	Construction of Road Slope Protection Structure	Construction of Retaining Wall (R/S) with Reinforced Concrete Barrier and Concrete Gutter	Square meters	70
CW-1	S00399LZ	K0279+650	K0279+758	3019	3127	108	Construction of Road Slope Protection Structure	Construction of Cribwall (I/S) with Reinforced Concrete Barrier	Square meters	99
CW-1	S00399LZ	K0280+250	K0280+398	3618	3766	148	Construction of Road Slope Protection Structure	Construction of Retaining Wall (L/S) and Stone Masonry (L/S) with Reinforced Concrete Barrier, Reconstruction of damaged PCCP, Shoulders, and Concrete Gutter	Square meters	244
CW-1	S00399LZ	K0281+108	K0281+200	4470	4562	92	Construction of Road Slope Protection Structure	Construction of Retaining Wall (L/S) with Reinforced Concrete Barrier, Shoulders, drainage structures (Concrete Gutter, 910mm dia. RCPC, and Flume)	Square meters	100