



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

June 22, 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 is the **APPROVED** request for the **modification** of hereunder stated project:

1. Convergence and Special Support Program – Sustainable Infrastructure Project Alleviating Gaps (SIPAG) – SIPAG – Access Roads and/or Bridges from the National Road/s leading to Major/Strategic Public Buildings/Facilities Improvement of Aguinaldo-Natonin Road, Natonin, Mountain Province - - - **₱ 100,000,000.00**

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.

  
**EUGENIO R. PIPO, JR.**

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

2.3 mksa/AVS/RPBG/ERP



### Programming Division Evaluation Sheet

Name of Project:

Project ID: **P00739750LZ**

Improvement of Aguinaldo-Natonin Road, Natonin, Mountain Province

Implementing Office: Mountain Province 2nd District Engineering Office

Appropriation: 100,000,000

Date: 04/05/2023

**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  
 A.2.5.2 ☒ Change in Scope of Work from Rehabilitation of Paved Road  
 to Paving of Unpaved Road

- A.2.5.3 ☐ Change in Component Amount  
 A.2.5.4 ☐ Addition of Component (incl. EXC Component)  
 A.2.5.5 ☐ Deletion of Component  
 A.2.5.6 ☐ Movement of Funds between Components

DPWH - OSEC  
**RECEIVED**  
 JUN 19 2023  
 By: 73-12265  
 Control No: 09986  
 DTS No: 09986

**B. EVALUATION**

- B.1 ☒ ALLOWED as per the GAA Provisions  
 B.2 ☐ NOT ALLOWED as per the GAA Provisions

**C. FUND SOURCE FY 2023 GAA, R.A. 11936**

- C.1 ☒ for issuance of SARO (☐ Released ☐ Unreleased) Amount: 100,000,000  
 C.2 ☐ released thru GAAAO

**D. IMPACT:**

- D.1 Condition/s: - % decrease in unit cost  
✓ 374.33 % increase in unit cost  
✓ 78.92 % decrease in physical target  
- % increase in physical target

- D.2 ☐ Additional Project Component  
 D.3 ☒ Certificate of Cost Reasonableness by RD

D.4 Remarks: Change in TOW (CW1) will cause **3.93%** Increase in Unit cost in reference with the BOC Unit Cost (Php 19,343,432.84/km) for the Paving of Unpaved Road PCC 280mm.

**E. Approving Authority as per D.O. 13, s. 2023, Guidelines on Modification of Allotment under the GAA**

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

Evaluated By:

ALEX S. BOTE

Director, Planning Service

Noted By:

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

**ACTION SLIP**Project ID: **P00739750LZ**

Date:

**FOR THE SECRETARY**

REMARKS:

- ☒ Reviewed by Planning Service  
☐ 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

March 31, 2023

**MEMORANDUM**

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

This refers to the memorandum dated 30 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					
<b>UACS No. 300215102460000</b> <b>Project ID: P00739750LZ</b>					
Convergence and Special Support Program- Sustainable Infrastructure Project Alleviating Gaps (SIPAG) – SIPAG – Access Roads and/ or Bridges from the National Road/s leading to Major/ Strategic Public Buildings/ Facilities			Convergence and Special Support Program- Sustainable Infrastructure Project Alleviating Gaps (SIPAG) – SIPAG – Access Roads and/ or Bridges from the National Road/s leading to Major/ Strategic Public Buildings/ Facilities		
Improvement of Aguinaldo-Natonin Road, Natonin, Mountain Province			Improvement of Aguinaldo-Natonin Road, Natonin, Mountain Province		
Type of Work/ Physical Target	Unit Cost	Allocation	Type of Work/ Physical Target	Unit Cost	Estimated Cost
CW1- Rehabilitation of Paved Road: 11.384 Lane Km	₱ 8,476,809.56 / Lane Km	₱ 96,500,000.00	CW1- Paving of Unpaved Road: 2.40 Lane Km	₱ 40,208,333.33 / Lane Km	₱ 96,500,000.00
				₱ 88.41/km	
EAO	–	₱ 3,500,000.00	EAO	–	₱ 3,500,000.00
Total:		₱ 100,000,000.00	Total:		₱ 100,000,000.00

**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 with portions of rolling terrain. Hence, requires more earthworks consisting of 15.02% of the total direct cost.
- The project also includes drainages (Lined Canal, RCPC & RCBC) to address surface run-off water. Slope protection structures (Stone Masonry, Grouted Riprap and Retaining Wall) to prevent roadslip and scouring. Miscellaneous structures (concrete parapet, chevron signs and reflectorized thermoplastic pavement markings) to ensure the safety of road passers. The cited inclusions in the project resulted to the increase in the unit cost and decrease in the physical target.
- The derived unit cost is based on approved Detailed Unit Price Analysis (DUPA) and Program of Work (POW).
- See attached Certificate of Reasonableness signed by the Regional Director.

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:**

*subject to further govt verification*  
*Cabrera*  
**MARIA CATALINA E. CABRAL, Ph.D., CESO I**  
Undersecretary for Planning  
and Public-Private Partnership Services

*[Signature]*  
**EUGENIO R. PIPO, JR.**  
Undersecretary for Regional Operations  
in CAR, Regions I, II, IX, X, XI, XII, and XIII

**APPROVED/DISAPPROVED:**

*[Signature]*  
**MANUEL M. BONOAN**  
Secretary

2.3 mksa/MLS/AVS/AGC/ERP

Department of Public Works and Highways  
Office of the Secretary

  
WIN3E03010





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

30 MAR 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 : Convergence and Special Support Program (CSSP)- Sustainable Infrastructure Projects Alleviating Gaps (SIPAG)- Access Roads and/ or Bridges from the National Road/s leading to Major/ Strategic Public Buildings/ Facilities- Improvement of Aguinaldo Natonin Road, Natonin, Mountain Province**

We are respectfully forwarding the Memorandum dated March 29, 2023 from District Engineer Rustom A. Martinez, Mountain Province Second District Engineering Office, regarding the modification of the above project in the amount of **One Hundred Million Pesos (Php 100,000,000.00)** as indicated below:

	FROM	TO
Project ID	P00739750LZ	
Project Title	Convergence and Special Support Program (CSSP)- Sustainable Infrastructure Projects Alleviating Gaps (SIPAG)- Access Roads and/ or Bridges from the National Road/s leading to Major/ Strategic Public Buildings/ Facilities-Improvement of Aguinaldo-Natonin Road, Natonin, Mountain Province	Convergence and Special Support Program (CSSP)- Sustainable Infrastructure Projects Alleviating Gaps (SIPAG)- Access Roads and/ or Bridges from the National Road/s leading to Major/ Strategic Public Buildings/ Facilities-Improvement of Aguinaldo-Natonin Road, Natonin, Mountain Province
Type of Work	Paving of Unpaved Roads	Paving of Unpaved Roads
Physical Target	<b>11.384</b> Lane Km	<b>2.40</b> Lane Km
Allocation	Php 100,000,000.00	Php 100,000,000.00

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 29, 2023

**MEMORANDUM**

**FOR : KHADAFFY D. TANGGOL**  
Regional Director

**ATTENTION : ANGELITA B. MABITAZAN**  
Chief, Planning and Design Division

**SUBJECT : Submission of the list of FY 2023 projects for modification**

We are respectfully submitting the following list of FY 2023 projects for modification, to wit;

	FROM	TO	AMOUNT
Project ID	P00739749LZ		
1. PROJECT TITLE	CONVERGENCE AND SPECIAL SUPPORT PROGRAM (CSSP): Sustainable Infrastructure Projects Alleviating Gaps (SIPAG)- SIPAG- Access Roads and/or Bridges from the National Road/s leading to Major/ Strategic Public Building/ Facilities – Improvement of Paracelis- Tabuk – Malig Road, Paracelis, Mountain Province	CONVERGENCE AND SPECIAL SUPPORT PROGRAM (CSSP): Sustainable Infrastructure Projects Alleviating Gaps (SIPAG)- SIPAG- Access Roads and/or Bridges from the National Road/s leading to Major/ Strategic Public Buildingc/ Facilities – Improvement of Paracelis- Tabuk – Malig Road, Paracelis, Mountain Province	Php. 100,000,000.00
PHYSICAL TARGET	11. 384 Lane Km	CW 1- 8.48 Lane Km	
		CW2-1.20 Lane Km	
Project ID	P00711560LZ		
2. PROJECT TITLE	ORGANIZATIONAL OUTCOME 1: Ensure Safe and Reliable National Road System – Network Development – Paving of Unpaved Roads – Tertiary Roads, Jct. Talubin-	ORGANIZATIONAL OUTCOME 1: Ensure Safe and Reliable National Road System – Network Development – Paving of Unpaved Roads – Tertiary Roads, Jct. Talubin- Barlig-	Php. 7, 838, 000.00



	Barlig- Natonin- Paracelis- Calaccad Road – (S04030LZ) Chainage 2130- Chainage 2586	Natonin- Paracelis- Calaccad Road – (S04030LZ) Chainage 1500- Chainage 1680	
PHYSICAL TARGET	0.456 Lane Km	<b>.36 Lane Km</b>	
<b>Project ID</b>	<b>P00712419LZ</b>		
3. PROJECT TITLE	ORGANIZATIONAL OUTCOME 1: Ensure Safe and Reliable National Road System- Asset Preservation – Preventive Maintenance – Tertiary Roads – Jct. Talubin- Barlig-Natonin – Paracelis- Calaccad Rd – K0472 + 780- K0474 + 000	ORGANIZATIONAL OUTCOME 1: Ensure Safe and Reliable National Road System- Asset Preservation- Preventive Maintenance – Tertiary Roads – Jct. Talubin- Barlig-Natonin – Paracelis- Calaccad Rd – K0472 + 350- K0472+1830	Php. 26, 789, 000. 00
PHYSICAL TARGET	4.376 Lane Km	<b>2.96 Lane Km</b>	
<b>Project ID</b>	<b>P00739750LZ</b>		
4. PROJECT TITLE	CONVERGENCE AND SPECIAL SUPPORT PROGRAM (CSSP): Sustainable Infrastructure Projects Alleviating Gaps (SIPAG)- SIPAG- Access Roads and/or Bridges from the National Road/s leading to Major/ Strategic Public Building/ Facilities – Improvement of Aguinaldo- Natonin Road, Natonin, Mountain Province	CONVERGENCE AND SPECIAL SUPPORT PROGRAM (CSSP): Sustainable Infrastructure Projects Alleviating Gaps (SIPAG)- SIPAG- Access Roads and/or Bridges from the National Road/s leading to Major/ Strategic Public Building/ Facilities – Improvement of Aguinaldo- Natonin Road, Natonin, Mountain Province	Php. 100, 000, 000.00
PHYSICAL TARGET	11.384 Lane Km	<b>2.4 Lane Km</b>	
<b>Project ID</b>	<b>P00725656LZ</b>		
5. PROJECT TITLE	ORGANIZATIONAL OUTCOME 2: Protect Lives and Properties Against Major Floods- Flood Management Program- Construction/Maintenance of Flood Mitigation Structures and Drainage Systems, Construction of Buringal Proper Flood Control, Sta. 065+267- Sta. 065+867 (L.S.),	ORGANIZATIONAL OUTCOME 2: Protect Lives and Properties Against Major Floods-Flood Management Program- Construction/Maintenance of Flood Mitigation Structures and Drainage Systems, Construction of Buringal Proper Flood Control, Sta. 065+267-Sta. 065+867 (L.S.), Buringal,	Php. 70,000,000.00

	Buringal, Paracelis, Mountain Province	Paracelis, Mountain Province	
PHYSICAL TARGET	900 Lineal Meter (1m)	<b>600 Lineal Meter</b>	

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

  
**RUSTOM A. MARTINEZ**  
 District Engineer

CAR.19.1 CSL/JSC



# 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)

300215102460000 ✓

### 5. Project Id

P00739750LZ ✓

### 6. Project Category

Convergence and Special Support Program ✓

### 7. P/A/P

Sustainable Infrastructure Project Alleviating Gaps (SIPAG) – SIPAG – Access Roads and/ or Bridges from the National Road/s leading to Major/ Strategic Public Buildings/ Facilities

### 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

Rehabilitation of Paved Road ✓

### 10. PROJECT DESCRIPTION (as recorded in GAA)

Improvement of Aguinaldo-Natonin Road, Natonin, Mountain Province ✓

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

100,000

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

#### Component ID

#### Target

#### Target Unit

CW1

11.384 ✓

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

96,500 ✓

8,476.81 ✓

EAO

3,500 ✓

### 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

Paving of Unpaved Roads

### 20. PROJECT DESCRIPTION (of the revised project)

Improvement of Aguinaldo-Natonin Road, Natonin, Mountain Province ✓

### 21. REVISED ESTIMATED COST (P'000)

(Equal to, or lower than GAA allotment)

100,000

### 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

2.40 ✓

Lane Km ✓

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

#### Component ID

#### Component Cost (P'000)

#### Target Unit Cost (P'000/Target Unit)

CW1

96,500 ✓

40,208.33 ✓

EAO

3,500 ✓

## 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**

November 9, 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**

May 1, 2023

**Planned End Date**

February 6, 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 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 with portions of rolling terrain. Hence, requires more earthworks consisting of 15.02% of the total direct cost.
- The project also includes drainages (Lined Canal, RCPC & RCBC) to address surface run-off water. Slope protection structures (Stone Masonry, Grouted Riprap and Retaining Wall) to prevent roadslip and scouring. Miscellaneous structures (concrete parapet, chevron signs and reflectorized thermoplastic pavement markings) to ensure the safety of road passers. The cited inclusions in the project resulted to the increase in the unit cost and decrease in the physical target.
- The derived unit cost is based on approved Detailed Unit Price Analysis (DUPA) and Program of Work (POW).

Attached are the following supporting documents: Certificate of Availability of Funds (CAF), BP 202, Geotagged Photos, GIS Map, Certificate of No Overlapping, RROW Clearance, Certificate of Reasonableness, Approved Program of Works (POW), and Detailed Unit Price Analysis (DUPA)

**33. GEOTAGGED PHOTOS SUBMITTED**

☐ NO

☒ YES

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

☐ NO

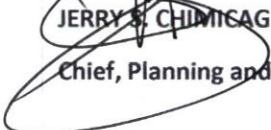
☒ YES

## Form for Modification Request

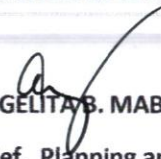
### 35. PREPARED BY:

Name:  EULA M. MANZANO Position: Engineer I  
Office: Mountain Province 2nd DEO Date:

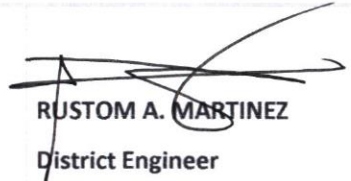
### 36. REVIEWED BY DISTRICT OFFICE (If Required)

Name:  JERRY S. CHUMICAG  
Position: Chief, Planning and Design Section  
Date:

### 38. REVIEWED BY REGIONAL OFFICE

Name:  ANGELITA B. MABITAZAN  
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:  KHADAFY D. TANGGOL  
Position: Regional Director  
Date:



# Form for Modification Request

UACS (Unified Account Code Structure as defined in GAA)

300215102460000

Project Id

P00739750LZ

## 40. DPWH OFFICE OF THE UNDERSECRETARIES FOR OPERATIONS USE ONLY

Category of Modification  
(choose one)

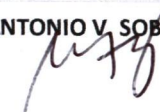
- ☐ Category A – Typographical Errors
- ☐ Category B – Change in Station Limits, due to increase or decrease in budget
- ☐ Category C – Change in Location
- ☐ Category D – Change in Operating Unit (requires DBM approval)
- ☐ Adjustment – Send to PS-PD to amend MYPs
- ☐ Modification does not comply with 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 <b>Change of Itemized Project Component:</b> <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. MANUEL L. SINGSON  
Signature:   
Position: Project Manager I  
Date: 3/31/23

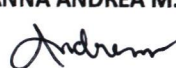
Name: Engr. ANTONIO V. SOBREVINAS, JR.  
Signature:   
Position: Project Manager II  
Date: 3/31/23


## 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  
Signature:   
Position: Regional Coordinator  
Date: 04-05-23

Name: PETER PAUL R. CORTEZ  
Signature:   
Position: OIC – Chief, Programming Division  
Date:

[illegible]