



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

March 27, 2018

MEMORANDUM


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

ATTENTION : **DAVID A. BULIYAT**
District Engineer
Benguet First District Engineering Office
Wangal, La Trinidad, Benguet

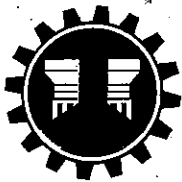
Transmitted herewith is the **APPROVED** request for the **modification** of hereunder stated project:

1. Convergence and Special Support Program - Construction/Improvement of Access Roads leading to Declared Tourism Destinations - Ballay-Tabio-Tonoman-Bulalacao-Tawangan-Lusod Road leading to Bulalacao Lakes and Mt. Tabeo, Kabayan, Benguet

It is informed that **a project can only be modified once** as prescribed under the FY 2018 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.


DIMAS S. SOGUILON
Undersecretary for Regional Operations
Regions I, II, III, IV-A, V & CAR

2.4 mksa/AVS/ERP/DSS



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

March 15, 2018

MEMORANDUM

FOR : **MARK A. VILLAR**
Secretary
This Department

This refers to the memorandum dated 26 February 2018 of **DPWH Cordillera Administrative Region (CAR) Director NERIE D. BUENO**, endorsing the request of **District Engineer DAVID A. BULIYAT**, Benguet First District Engineering Office, for the approval of the **Modification** of the project under FY 2018 General Appropriation Act (GAA), to wit;

As per GAA/Original			As Modified		
Project Description					
UACS No. 300203100051000 Project ID: P00230085LZ					
Convergence and Special Support Program - Construction/Improvement of Access Roads leading to Declared Tourism Destinations -			Convergence and Special Support Program - Construction/Improvement of Access Roads leading to Declared Tourism Destinations -		
Ballay-Tabio-Tonoman-Bulalacao-Tawangan-Lusod Road leading to Bulalacao Lakes and Mt. Tabeo, Kabayan, Benguet			Ballay-Tabio-Tonoman-Bulalacao-Tawangan-Lusod Road leading to Bulalacao Lakes and Mt. Tabeo, Kabayan, Benguet		
Type of Work/ Physical Target	Unit Cost	Allocation	Type of Work/ Physical Target	Unit Cost	Estimated Cost
CW1- Construction of Concrete Road/ 3.342 lane-km	₱ 16.888M/ lane-km	₱ 56.438M	CW1- Construction of Concrete Road/ 2.78 lane-km	₱ 20.302M/ lane-km	₱ 56.438M
EAO	-	₱ 2.047M	EAO	-	₱ 2.047M
Total:		₱ 58.485M	Total:		₱ 58.485M
Justification: <ul style="list-style-type: none">The <u>decrease in physical target</u> by 16.82% (0.562 lane km) was brought about by the <u>extensive excavation and embankment works</u> which covered a total of 20.41% of the total project cost. This is due to the inclusion of the construction of slope protection and drainage which composed of 40.83% of the total project allocation. Slope mitigation is necessary to protect the pavement and its users from slope erosion damages, considering that the road is aligned on a mountainous terrain.The <u>increase in unit cost</u> is due to the <u>adjustment in the price of cement, coarse and fine aggregates, and boulders</u> due to the distance of the source materials to the project site (approximately 53.90 km).					

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

DIMAS S. SOGUILON

Undersecretary for Regional Operations
Regions I, II, III, IV-A, V & CAR

APPROVED/DISAPPROVED:

MARK A. VILLAR
Secretary

Department of Public Works and Highways
Office of the Secretary



Form for Project Modification Request

A. GENERAL

1. REGION

Cordillera Administrative Region (CAR)

2. DEO

Benguet First 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)

300203100051000

5. Project Id

P00230085LZ

6. Project Category

Convergence and Special Support Program

7. P/A/P

Convergence and Special Support - Construction/ Improvement of Access Roads leading to Declared Tourism Destinations

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)

Component ID

Type of Work

P00230085LZ-CW1

Construction of Concrete Road

EAD

Click here to enter text.

Choose an item.

Click here to enter text.

Choose an item.

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

Component ID

Type of Work

P00230085LZ-CW1

Construction of Concrete Road

EAD

Click here to enter text.

Choose an item.

Click here to enter text.

Choose an item.

10. PROJECT DESCRIPTION (as recorded in GAA)

Construction of Concrete Road -

Ballay-Tabio-Tonoman-Bulalacao-Tawangan-Lusod Road

leading to Bulalacao Lakes and Mt. Tabeo, Kabayan, Benguet

20. PROJECT DESCRIPTION (of the revised project)

Construction of Concrete Road -

Ballay-Tabio-Tonoman-Bulalacao-Tawangan-Lusod Road leading to

Bulalacao Lakes and Mt. Tabeo, Kabayan, Benguet

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

58,485

21. REVISED ESTIMATED COST (P'000)

(Equal to, or lower than GAA allotment)

58,485

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

☒ YES

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

Component ID

Target

Target Unit

P00230085LZ-CW1

3.342

Lane Km

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Choose an item.

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Choose an item.

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Choose an item.

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

Component ID

Target

Target Unit

P00230085LZ-CW1

2.78

Lane Km

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Click here to enter text.

Choose an item.

Click here to enter text.

Click here to enter text.

Choose an item.

Click here to enter text.

Click here to enter text.

Choose an item.

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

Component ID

Component Cost (P'000)

Target Unit Cost (P'000/Target Unit)

P00230085LZ-CW1

56,438.025

16,887.50/Lane Km

P00230085LZ-EAO

2,046.975

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

Component ID

Component Cost (P'000)

Target Unit Cost (P'000/Target Unit)

P00230085LZ-CW1

56,438.025

20,301.448/Lane Km

P00230085LZ-EAO

2,046.975

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Economic and Technical Justification

Form for Project Modification Request

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

Construction of Concrete Road – Ballay-Tabio-Tonoman-Bulalacao-Tawangan-Lusod Road leading to Bulalacao Lakes and Mt. Tabeo, Kabayan, Benguet

25. PROJECT WORK LOCATION (Must be defined in strict accordance with DO 65 Series 2014. Also complete Annex A for national road projects)

Construction of Concrete Road – Ballay-Tabio-Tonoman-Bulalacao-Tawangan-Lusod Road leading to Bulalacao Lakes and Mt. Tabeo, Kabayan, Benguet

Start X 16.661208

End X 16.655719

Start X 16.643498

End X 16.633829

Start Y 120.908781

End Y 120.918442

Start Y 120.934913

End Y 120.931128

15. ROAD CLASSIFICATION (if applicable)

Choose an item.

26. ROAD CLASSIFICATION (if applicable)

Choose an item.

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

Benguet First District Engineering Office

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

Benguet First District Engineering Office

17. PROJECT IMPLEMENTATION PLAN (PIP)

28. PROJECT IMPLEMENTATION PLAN (PIP)

Planned Start Date

Planned End Date

Planned Start Date

Planned End Date

01/18/2018

06/05/2018

01/18/2018

06/05/2018

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 by 16.82% (0.562 Lane Km.) was brought about by the extensive excavation and embankment works which covered a total of 20.41% of the total project cost. This subsequently necessitated the inclusion of the construction of slope protection and drainage which composed 40.83% of the total project allocation. Slope mitigation is indispensable to protect the pavement and its users from slope erosion damages, considering that the road is aligned on a mountainous terrain.

» The reduction in physical target produced a corresponding increase in unit cost. In addition, there is adjustment in the price of cement, coarse and fine aggregates, and boulders due to the distance of the source of materials to the project site (approximately 53.90 Km). This generated a relatively higher unit cost for the major items of work for this project, in effect contributing to the increase in the overall unit cost of the project.

33. GEOTAGGED PHOTOS SUBMITTED

☐ NO ☒ YES

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

☐ NO ☒ YES

35. PREPARED BY:

Name: HARVEY SARENTI U. DELLA

Office: Benguet First District Engineering Office

Position: Engineer II

Date: 2/2/2018

36. REVIEWED BY DISTRICT OFFICE (If Required)

Name: ROMEO D. BULAY

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: DAVID A. BULIYAT

Position: District Engineer

Date:

39. RECOMMENDED BY REGIONAL OFFICE

Name: NERIE D. BUENO, CESO IV

Position: Regional Director

Date:

40. DPWH CENTRAL OFFICE ONLY

Primary Reason for Request:

Adjustment of Target

Date:

Form for Modification Request

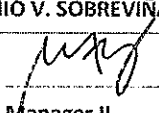
UACS (Unified Account Code Structure as defined in GAA)

300203100051000

40. DPWH OFFICE OF THE UNDERSECRETARIES FOR OPERATIONS USE ONLY

Category of Modification (choose one)	<input type="checkbox"/> Category One – Typographical Errors <input checked="" type="checkbox"/> Category Two – Change in Station Limits, due to increase or decrease in budget <input type="checkbox"/> Category Three – Change in Location <input type="checkbox"/> Modification does not comply with DBM Categories
Primary Reason for Request: (choose one)	<div style="display: flex; flex-wrap: wrap;"> <div style="width: 50%;"> <input type="checkbox"/> Change in Work Station Limits <input type="checkbox"/> Change in Implementing Office <input type="checkbox"/> Additional or change work items (e.g. Inclusion of slope required protection) <input type="checkbox"/> Project Allotment more than required </div> <div style="width: 50%;"> <input checked="" type="checkbox"/> Change in Target <input type="checkbox"/> Change in Operating Unit <input type="checkbox"/> Typographical Error <input type="checkbox"/> Insufficient Funds to complete project <input type="checkbox"/> ROW unavailable <input type="checkbox"/> Other </div> </div>



Reviewed by Office of the Undersecretary for Operations

Name:	ANTONIO V. SOBREVINAS, JR.
Signature	
Position:	Project Manager II
Date:	3/15/18

41. DPWH PLANNING SERVICE OFFICE USE ONLY

Category of Modification (choose one)	<input type="checkbox"/> Category One – Typographical Errors <input type="checkbox"/> Category Two – Change in Station Limits, due to increase or decrease in budget <input type="checkbox"/> Category Three – Change in Location <input type="checkbox"/> Modification does not comply with DBM Categories
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Reviewed by Planning Service

Name:	MARIETA M. MANDE	Name:	MILAGROS C. MANAYSAY
Signature		Signature:	
Position:	CAR - Regional Coordinator	Position:	Chief of Programming Division
Date:	3/15/18	Date:	3/15/18