



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

December 1, 2020

**MEMORANDUM**

**TO : OIC - Director KHADAFFY D. TANGGOL**  
Cordillera Administrative Region

**ATTENTION : OIC - District Engineer BENEDICTA C. MENDOZA**  
Benguet 1<sup>st</sup> District Engineering Office

Transmitted herewith is the **duly approved** Request for Modification for the project under FY 2020 General Appropriation Act (GAA), viz:

Date Approved	As per GAA/Original		As Modified	
	Project Description			
December 1, 2020	1. Demonstration Br. (B02184LZ) along Kennon Rd		Demonstration Br. (B02184LZ) along Kennon Rd	
	CW-1 Replacement of Bridge - <b>270 Square meters</b>	₱ 43,120,000	CW-1 Replacement of Bridge - <b>442.274 Square meters</b>	₱ 43,120,000.00
	EAO	₱ 880,000	EAO	₱ 880,000
	<b>Total</b>	<b>₱ 44,000,000</b>	<b>Total</b>	<b>₱ 44,000,000</b>

In this regard, please be reminded that a **project can only be modified once** as prescribed under the FY 2020 GAA, and all approved modifications **shall be posted in the DPWH website within five (5) days from receipt thereof**. Failure to comply with this requirement shall be meted with appropriate sanctions.

Please be guided accordingly.

**RAFAEL C. YABUT**

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

Cc: **Undersecretary MARIA CATALINA E. CABRAL, Ph.D.**, Planning Service and PPP

2.1 RMYR/LTR



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

Ref No. CAR - 079

10908

**Programming Division Evaluation Sheet**

Name of Project:

Project ID: P00401691LZ

Demonstration Br. (B02184LZ) along Kennon Rd

Appropriation: 44,000,000

Implementing Office: Benguet 1st District Engineering Office

Date: 11/16/2020

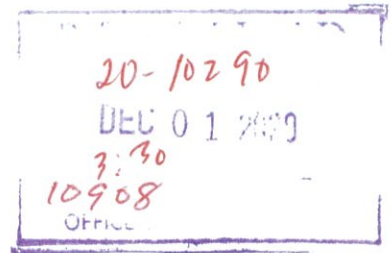
**A. TYPE OF REQUEST**

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 2020 GAA, R.A. 11465**

- C.1 ☒ FLR [☒ Released ☐ Unreleased]  
C.2 ☒ FCR

Amount: 14,000,000  
30,000,000

D. Remarks: Increase in target as a result of the total revision of Detailed Engineering Design of the bridge

Evaluated By: CHRISTYBEL C. CANUEL  
Regional Coordinator

Noted By: LEONORA C. GALANG  
Section Chief

**ACTION SLIP**

Project ID: P00401691LZ

Ref No. CAR - 079

Date: 11/16/2020

FOR : USEC FOR OPERATIONS



RCY



RBB

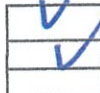


DSS



EKS

REMARKS:



Reviewed by Planning Service  
Recommended for Approval  
Remarks:

**MARIA CATALINA E. CABRAL, PhD, CESO I**  
Undersecretary for Information Management, Planning and PPP Services





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

DEC 01 2020  
MEMORANDUM

FOR : **MARK A. VILLAR**  
Secretary

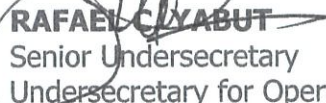
Respectfully forwarded is the memorandum dated June 30, 2020 of Regional Director **TIBURCIO L. CANLAS, DPWH-CAR**, endorsing the request of District Engineer **IRENEO S. GALLATO, Benguet 1<sup>st</sup>, DEO** for the **modification** of project under the FY 2020 GAA, to wit:

As per GAA/Original			As Modified		
<b>Project Description</b>					
UACS No. 310302100209000 Project ID: P00401691LZ					
OO1: Ensure Safe and Reliable National Road System			OO1: Ensure Safe and Reliable National Road System		
Bridge - Replacement of Permanent Weak Bridges			Bridge - Replacement of Permanent Weak Bridges		
Demonstration Br. (B02184LZ) along Kennon Rd			Demonstration Br. (B02184LZ) along Kennon Rd		
Physical Target	Unit Cost	Allocation (P)	Physical Target	Unit Cost	Estimated Cost
CW-1 Replacement of Bridge - <b>270 Square meters</b>	₱ 159,704.00 / Square meters	₱ 43,120,000	CW-1 Replacement of Bridge - <b>442.274 Square meters</b> <i>46 Lm.</i>	₱ 97,496.00 / Square meters	₱ 43,120,000.00
EAO	-	₱ 880,000	EAO	-	₱ 880,000
<b>Total:</b>		<b>₱ 44,000,000</b>	<b>Total:</b>		<b>₱ 44,000,000</b>

**Justification:**

- The change in physical target corresponds to the change in the proposed bridge length from L=25m to L=46.36m, due to the total revision of DED Plans. There is a need to elevate the proposed bridge in order to ultimately eliminate damages from any possible reoccurrence of debris flow or slope failure from the mountain slope above the bridge. A new complete set of DED plans was prepared by the said Office where the finish grade line of the new bridge is four meters higher than the existing bridge, thus necessitating colossal bridge substructure, i.e., foundation and abutment. This also entails massive earthworks, additional flood mitigation works, extensive slope and embankment protection works, and road concreting of the lengthened transition from the bridge towards the existing pavement.
- The unit costs were derived as per approved Program and Works, Plans and Detailed Engineering Design which includes Removal of existing structures, Construction of detour/access road, Excavation works, Construction of Abutments A and B, Fabrication and installation of 2 steel girders, Construction of abutment protection and embankment protection at Abutment B, Fabrication and installation of 2 girders, Partial fabrication and installation of bracings

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

  
**RAFAEL C. YABUT**  
Senior Undersecretary  
Undersecretary for Operations  
Regions I, II, III, IV-A, V and CAR

**~~APPROVED~~/DISAPPROVED:**

  
**MARK A. VILLAR**  
Secretary

2.1 RMYR/LTR

Department of Public Works and Highways  
Office of the Secretary



WINOC04101



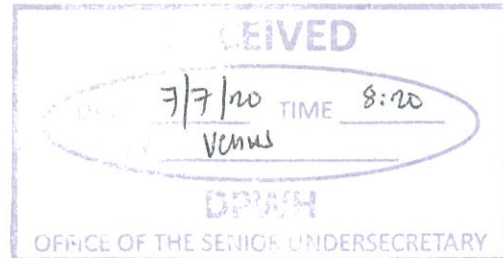
Republic of the Philippines  
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS  
**CORDILLERA ADMINISTRATIVE REGION**  
Engineer's Hill, Baguio City

June 30, 2020

**MEMORANDUM**

**FOR : MARK A. VILLAR**  
Secretary

**THRU : RAFAEL C. YABUT**  
Senior Undersecretary  
Undersecretary for Regional Operations  
Regions I, II, III, IV-A, V & CAR



**SUBJECT : Request for the Modification of the Project: OO1: Ensure Safe and Reliable National Road System – Bridge Program – Replacement of Bridge – Demonstration Br. (B02184LZ) along Kennon Road**

We are respectfully forwarding the Memorandum dated June 26, 2020 of District Engineer Ireneo S. Gallato, Benguet First District Engineering Office (BFDEO) requesting for the modification of the above project in the amount of **Forty-Four Million Pesos (Php 44,000,000.00)**, as indicated below:

**FROM**  
Demonstration Br. (B02184LZ) along  
Kennon Road

Physical Target = **270** Square Meters

Allocation = Php 44,000,000

**TO**  
Demonstration Br. (B02184LZ) along  
Kennon Road

Physical Target = **442.274** Square Meters

Allocation = Php 44,000,000

The supporting documents in accordance with D.O. #37, Series of 2018 are attached for your perusal.

For the consideration of the Secretary.

**TIBURCIO L. CANLAS**  
Regional Director

CAR.1 DLBC/EPD/EGE/ABM



## Form for Modification Request

A. GENERAL																				
<b>1. REGION</b> Cordillera Administrative Region (CAR)	<b>2. DEO</b> Benguet 1st District Engineering Office	<b>3. LEGISLATIVE DISTRICT</b> Benguet Lone District																		
B. ORIGINAL PROJECT		C. PROPOSED REVISED PROJECT																		
<b>4. UACS</b> (Unified Account Code Structure as defined in GAA) 310302100209000																				
<b>5. Project Id</b> P00401691LZ																				
<b>6. Project Category</b> OO1: Ensure Safe and Reliable National Road System																				
<b>7. Sub-Program (P/A/P)</b> Bridge - Replacement of Permanent Weak Bridges																				
<b>8. Operating Unit</b> Benguet 1st District Engineering Office		<b>18. Operating Unit</b> (Change subject to DBM approval) Benguet 1st District Engineering Office																		
<b>9. Type of Work</b> (Enter Details for all Components below)		<b>19. Type of Work</b> (Enter Details for all Components below)																		
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">Component ID</th> <th style="width: 70%;">Type of Work</th> </tr> </thead> <tbody> <tr> <td>P00401691LZ-CW1</td> <td>Replacement of Bridge</td> </tr> <tr> <td>P00401691LZ-EAO</td> <td></td> </tr> </tbody> </table>	Component ID	Type of Work	P00401691LZ-CW1	Replacement of Bridge	P00401691LZ-EAO		<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">Component ID</th> <th style="width: 70%;">Type of Work</th> </tr> </thead> <tbody> <tr> <td>P00401691LZ -CW1</td> <td>Replacement of Bridge ✓</td> </tr> <tr> <td>P00401691LZ -EAO</td> <td></td> </tr> </tbody> </table>		Component ID	Type of Work	P00401691LZ -CW1	Replacement of Bridge ✓	P00401691LZ -EAO							
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P00401691LZ -EAO																				
<b>10. PROJECT DESCRIPTION</b> (as recorded in GAA) Replacement of Bridge – Demonstration Br. (B02184LZ) along Kennon Rd		<b>20. PROJECT DESCRIPTION</b> (of the revised project) Replacement of Bridge – Demonstration Br. (B02184LZ) along Kennon Rd ✓																		
<b>11. ALLOTMENT (P'000)</b> (as recorded in GAA) 44,000		<table> <tr> <td style="width: 60%;"> <b>21. REVISED ESTIMATED COST (P'000)</b> (Equal to, or lower than GAA allotment)  44,000 </td> <td style="width: 40%;"> <b>22. CAF</b> (To be obtained from Financial Management office)  <input checked="" type="checkbox"/> YES </td> </tr> </table>	<b>21. REVISED ESTIMATED COST (P'000)</b> (Equal to, or lower than GAA allotment) 44,000	<b>22. CAF</b> (To be obtained from Financial Management office) <input checked="" type="checkbox"/> YES																
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<b>12. PHYSICAL TARGET</b> (Enter Details for all Components below)		<b>23. PHYSICAL TARGET</b> (Enter Details for all Components below)																		
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<b>13. UNIT COST</b> (Enter Details for all Components below)		<b>24. UNIT COST</b> (Enter Details for all Components below)																		
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<b>14. PROJECT WORK LOCATION</b> (Must be defined in strict accordance with DO 65 Series 2014) Demonstration Bridge B02184LZ		<b>25. PROJECT WORK LOCATION</b> (Must be defined in strict accordance with DO 65 Series 2014. Also complete "ANNEX A" for National Road projects under OO-1 and LP) Demonstration Bridge B02184LZ																		
<table> <tr> <td style="width: 50%;">Start X</td> <td style="width: 50%;">End X</td> </tr> <tr> <td>Start Y</td> <td>End Y</td> </tr> </table>	Start X	End X	Start Y	End Y	<table> <tr> <td style="width: 50%;">Start X</td> <td style="width: 50%;">End X</td> </tr> <tr> <td>Start Y</td> <td>End Y</td> </tr> </table>		Start X	End X	Start Y	End Y										
Start X	End X																			
Start Y	End Y																			
Start X	End X																			
Start Y	End Y																			

## Form for Modification Request

### 15. ROAD CLASSIFICATION (if applicable)

Primary

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

Benguet 1st District Engineering Office

### 17. PROJECT IMPLEMENTATION PLAN (PIP)

Planned Start Date

04/06/2020

Planned End Date

12/31/2020

### 26. ROAD CLASSIFICATION (if applicable)

Primary

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

Benguet 1st District Engineering Office

### 28. PROJECT IMPLEMENTATION PLAN (PIP)

Planned Start Date

07/26/2020

Planned End Date

06/22/2021

### 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)

#### ADJUSTMENTS:

Physical Target: Increased by 63.81% (172.274 sq.m.) = 442.274 sq.m.

- The change in physical target corresponds to the change in the proposed bridge length from L=25m to L=46.36m, due to the total revision of DED Plans.
- The existing total bridge length is 44m with 3 spans. In an endeavor to adopt innovative technology in the construction of bridges, the Office opted to use Item 419 – Corrugated Steel Plate (CSP) for the bridge main member where the designed bridge length was 25m (single span). Such shortening correlates to the actual required opening of the bridge where the existing river flow is only confined in Span 2 with a span length of 20.25m. This change was reflected in the Project Detail Database and subsequently approved and published in the Annual Infrastructure Program.
- However, a total revision of DED plans was made which stems from the concern that the decreased bridge opening corresponding to the bridge shortening may not be able to accommodate a possible reoccurrence of debris flow, a typhoon-induced phenomenon in previous years which left the bridge severely damaged. To eliminate the risk of damage from such calamity, it was resolved that the bridge be redesigned to a single-span steel girder bridge with span length of 40.50 m. This was submitted to the Planning and Design Division for evaluation prior to the conduct of procurement activities, as per instructions of the Regional Director.
- From the evaluation of the Planning and Design Division, there is a need to elevate the proposed bridge in order to ultimately eliminate damages from any possible reoccurrence of debris flow or slope failure from the mountain slope above the bridge. A new complete set of DED plans was prepared by the said Office where the finish grade line of the new bridge is four meters higher than the existing bridge, thus necessitating colossal bridge substructure, i.e., foundation and abutment. This also entails massive earthworks, additional flood mitigation works, extensive slope and embankment protection works, and road concreting of the lengthened transition from the bridge towards the existing pavement.
- With the elevated new bridge and additional works, the estimated cost amounted to P88,014,695.85 which is P44,014,695.85 in excess of the amount allocated in the GAA. A request for augmentation was submitted to cover the deficit. If approved, the resulting unit cost will be P199,004.906/square meter which is deemed reasonable considering the new elevated design and supplemental works, and that the individual unit costs of items involved are within the prevailing costs of the Department.

### 33. PHOTOS SUBMITTED

☐ NO

☒ YES

### 34. A MAP OF THE PROPOSED PROJECT WORK LOCATION SUBMITTED

☐ NO

☒ YES



## Form for Modification Request

### 35. PREPARED BY:

Name: HARVEY GARENTT U. DELLA  
Office: Benguet 1st District Engineering Office

Position: Engineer II  
Date: JUN 25 2020

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

Name: LOIDA B. PASCUA  
Position: OIC-Chief, Planning and Design Section  
Date: JUN 26 2020

### 38. REVIEWED BY REGIONAL OFFICE

Name: ANGELINA B. MABITAZAN  
Position: Chief, Planning and Design Division  
Date:

### 37. RECOMMENDED BY DISTRICT OFFICE (If Required)

Name: IRENEO S. GALLATO  
Position: District Engineer  
Date: JUN 29 2020

### 39. RECOMMENDED BY REGIONAL OFFICE

Name: TIBURCIO L. CANLAS  
Position: Regional Director  
Date:



# Form for Modification Request

**UACS** (Unified Account Code Structure as defined in GAA)

310302100209000

**Project Id**

P00401691LZ

## 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 checked="" 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:**

LORNA T. PICANO

**Signature**

*[Handwritten Signature]*  
DISTRICT ENGINEER

**Position:**

**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:**

CHRISTYBEL C. CANUEL

**Signature**

*[Handwritten Signature]*  
Regional Coordinator

**Position:**

**Date:**

**Name:**

PETER PAUL R. GARCIA

**Signature:**

*[Handwritten Signature]*  
OLC-CHIEF, PS-PD

**Position:**

**Date:**

## 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
P00401691LZ- CW1	S00393LZ	K0238+234	K0238+278	23272	23316	44	Replacement of Bridge	Construction of Steel Girder Bridge	Square Meter	442.274