



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

Ref No. CAR-110

**Programming Division Evaluation Sheet**

Name of Project:

Construction of Road, Bua-Gumatdang-Pacalso Road, Itogon, Benguet

Project ID: P00642501LZ

Appropriation: 80,000,000

Implementing Office: Benguet First DEO

Date: 03/24/2022

**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

DPWH - OSEC  
**RECEIVED**  
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By: \_\_\_\_\_ Time: 8:50  
Control No.: 22-11540  
IDTS No.: 11542

**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 2022 GAA, R.A. 11639**

C.1 ☒ FLR [☒ Released] [☐ Unreleased]

C.2 ☐ FCR

Amount: 80,000,000

D. Remarks: Change of type of work from Construction of Concrete Road TO Construction of Gravel Road.  
Decrease in physical targets by 55.6% and increase in unit cost by 125.22%. Certificate of  
Reasonableness of Cost is attached in #10

Evaluated By: CHRISTYBEL Q. CANUEL  
Regional Coordinator

Noted By: FROILAN B. MABINI, JR.  
OIC-Section Chief

**ACTION SLIP**

Ref No. CAR-110

Project ID: P00642501LZ

Date: 03/24/2022

FOR : USEC FOR OPERATIONS

☐ RCY

☐ RRB

☐ ERP, Jr.

☐ EKS

REMARKS: ☒ Reviewed by Planning Service

☒ Recommended for Approval

Remarks: Very high increase in Unit Cost.

CONSTANTE A. LLANES, JR., CESO III  
Acting Undersecretary for Planning Service



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

Reference Number: **CAR-110**  
Project ID: **P00642501LZ**

**MEMORANDUM**

**FOR :** **ROGER G. MERCADO**  
Acting Secretary  
This Department

This refers to the memorandum dated March 21, 2022 of **DPWH CAR Regional Director KHADAFFY D. TANGGOL**, endorsing the request for Project Modification of **OIC-District Engineer Isagani C. Cayme**, Benguet 1<sup>st</sup> District Engineering Office requesting for the approval of the **Modification** of the project under FY 2022 General Appropriation Act (GAA), to wit;


As per GAA/Original			As Modified		
Project Description					
UACS No. 300215100047000 Project ID: P00642501LZ					
Convergence and Special Support Program			Convergence and Special Support Program		
Sustainable Infrastructure Projects Alleviating Gaps (SIPAG) – Access Roads and/or Bridges from the National Road/s leading to Major/Strategic Public Buildings/Facilities			Sustainable Infrastructure Projects Alleviating Gaps (SIPAG) – Access Roads and/or Bridges from the National Road/s leading to Major/Strategic Public Buildings/Facilities		
Construction of Road, Bua-Gumatdang-Pacalso Road, Itogon, Benguet			Construction of Road, Bua-Gumatdang-Pacalso Road, Itogon, Benguet		
Physical Target	Unit Cost ('000)	Allocation ('000)	Physical Target	Unit Cost ('000)	Estimated Cost ('000)
CW1 – Construction of Concrete Road 8.056 Lane Km	P 9,582.920 / Lane Km	P 77,200.000	CW1 – Construction of Gravel Road 3.577 Lane Km	P 21,582.332 / Lane Km	P 77,200.000
EAO	-	2,800.000	EAO	-	2,800.000
ROW	-	-	ROW	-	-
Total:		P 80,000.000	Total:		P 80,000.000
Justification:					
<ul style="list-style-type: none"><li>The revised physical target reflects the actual total length of the proposed new road that will link two existing local roads, both of which connect to the Baguio-Itogon Road, a tertiary national road.</li><li>The road is to be aligned along a steep mountainous terrain, following an existing footpath. This will require massive earthworks, especially for excavations, in order to produce as 8 meter-width carriageways with an acceptable longitudinal grade. The earthworks account for 86.28% of the total civil works component cost, while the slope protection works it entailed amounted to 8.06%. The seemingly high revised unit cost for road opening is due</li></ul>					



to the consideration of the gravel road as a single 8-meter width carriageway in the determination of the physical target but would accommodate future 2-lane concreting.

- Pursuing the original type of work, i.e., road concreting, in combination with the required opening would result to a significantly shorter road, the impact of which would not be felt as it will practically end in the middle of the forest and the road influence area would be limited. With no assurance of future funding for the completion of the road, the type of work was converted to road opening in order to produce a usable transportation link. This would therefore optimize the allocation and the benefits derived therefrom.

Based on our evaluation, the submitted request for modification of the said project is in order. Hence, the said request is hereby recommended for Secretary's consideration and approval.

  
**ROBERTO R. BERNARDO**  
Undersecretary for Operations  
in CAR, Regions I, II, III, IV-A and V

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

  
**ROGER G. MERCADO**  
Acting Secretary

3.4 SCA/FDN/JTG/AVM

Department of Public Works and Highways  
Office of the Secretary



WIN2F06535



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

**MEMORANDUM**

**FOR :** **ROGER G. MERCADO**  
Acting Secretary  
This Department

This refers to the memorandum dated March 21, 2022 of **DPWH CAR Regional Director KHADAFFY D. TANGGOL**, endorsing the request for Project Modification of **OIC-District Engineer Isagani C. Cayme**, Benguet 1<sup>st</sup> District Engineering Office requesting for the approval of the **Modification** of the project under FY 2022 General Appropriation Act (GAA), to wit;

As per GAA/Original			As Modified		
Project Description					
UACS No. 300219100562000 Project ID: P00639449LZ					
Convergence and Special Support Program			Convergence and Special Support Program		
Sustainable Infrastructure Projects Alleviating Gaps (SIPAG) – Flood Mitigation Structures Protecting Public Infrastructures/Facilities			Sustainable Infrastructure Projects Alleviating Gaps (SIPAG) – Flood Mitigation Structures Protecting Public Infrastructures/Facilities		
Construction of Poblacion Flood Control, Bokod, Benguet			Construction of Poblacion Flood Control, Bokod, Benguet		
Physical Target	Unit Cost ('000)	Allocation ('000)	Physical Target	Unit Cost ('000)	Estimated Cost ('000)
CW1 – Construction of Flood Mitigation Structure 88.464 Lm	P 110.780 / Lm	P 9,800.000	CW1 – Construction of Flood Mitigation Structure 169.000 Lm	P 57.988 / Lm	P 9,800.000
EAO	-	200.000	EAO	-	200.000
ROW	-	-	ROW	-	-
Total:		P 10,000.000	Total:		P 10,000.000
Justification:					
<ul style="list-style-type: none"><li>The project involves the construction of a flood mitigation structures at two sections: (1) stone masonry revetment walls and rubble concrete flooring as scour protection for existing revetment walls and (2) system of revetment walls using reinforced concrete columns and rubble concrete walls and floors, and reinforced concrete beams and slab to serve as cover. The original unit cost is therefore significantly high for such structure types.</li><li>The lower revised unit cost yielded a corresponding increase in physical target which reflect the actual length of the section needing protection which was ascertained through actual</li></ul>					

to the consideration of the gravel road as a single 8-meter width carriageway in the determination of the physical target but would accommodate future 2-lane concreting.

- Pursuing the original type of work, i.e., road concreting, in combination with the required opening would result to a significantly shorter road, the impact of which would not be felt as it will practically end in the middle of the forest and the road influence area would be limited. With no assurance of future funding for the completion of the road, the type of work was converted to road opening in order to produce a usable transportation link. This would therefore optimize the allocation and the benefits derived therefrom.

Based on our evaluation, the submitted request for modification of the said project is in order. Hence, the said request is hereby recommended for Secretary's consideration and approval.

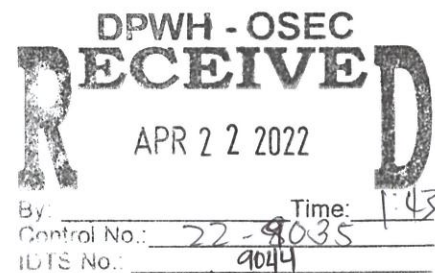
**ROBERTO R. BERNARDO**

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

**APPROVED/DISAPPROVED:**

**ROGER G. MERCADO**  
Acting Secretary

3.4 SCA/FDN/JTG/AVM







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

March 21, 2022

**MEMORANDUM**

**FOR : ROGER G. MERCADO**  
Acting Secretary

**THRU : ROBERTO R. BERNARDO**  
Undersecretary for Regional Operations in Luzon  
Except NCR and Region IV-B

**SUBJECT : Request for Modification of the Project: 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 - Construction of Road, Bua-Gumatdang-Pacalso Road, Itogon, Benguet**

We are respectfully forwarding the Memorandum dated March 18, 2022 from OIC-District Engineer Isagani C. Cayme, Benguet First District Engineering Office, regarding the modification of the above project in the amount of **Eighty Million Pesos (Php 80,000,000.00)** as indicated below:

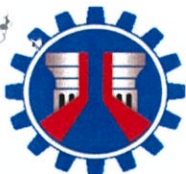
	FROM	TO
Project Title	Construction of Road, Bua-Gumatdang-Pacalso Road, Itogon, Benguet	Construction of Road, Bua-Gumatdang-Pacalso Road, Itogon, Benguet
Type of Work	<b>Construction of Concrete Road</b>	<b>Construction of Gravel Road</b>
Physical Target	<b>8.056</b> Lane Km	<b>3.577</b> Lane Km

The supporting documents based on D.O No. 37, series of 2018 are attached for your ready reference.

For the consideration of the Secretary.

**KHADAFY D. TANGGOL**  
Regional Director

CAR.1 DLBC/EPD/JWC/ABM



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

March 21, 2022

**MEMORANDUM**

**FOR : ROGER G. MERCADO**  
Acting Secretary

**THRU : ROBERTO R. BERNARDO**  
Undersecretary for Regional Operations in Luzon  
Except NCR and Region IV-B

**SUBJECT : Request for Modification of the Project: 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 - Construction of Road, Bua-Gumatdang-Pacalso Road, Itogon, Benguet**

We are respectfully forwarding the Memorandum dated March 18, 2022 from OIC-District Engineer Isagani C. Cayme, Benguet First District Engineering Office, regarding the modification of the above project in the amount of **Eighty Million Pesos (Php 80,000,000.00)** as indicated below:

	FROM	TO
Project Title	Construction of Road, Bua-Gumatdang-Pacalso Road, Itogon, Benguet	Construction of Road, Bua-Gumatdang-Pacalso Road, Itogon, Benguet
Type of Work	<b>Construction of Concrete Road</b>	<b>Construction of Gravel Road</b>
Physical Target	<b>8.056</b> Lane Km	<b>3.577</b> Lane Km

The supporting documents based on D.O No. 37, series of 2018 are attached for your ready reference.

For the consideration of the Secretary.

  
**KHADAFFY D. TANGGOL**  
Regional Director

*CAR.1 DLBC/EFD/JWC/ABM*





Republic of the Philippines  
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS  
**BENGUET FIRST**  
**DISTRICT ENGINEERING OFFICE**  
CORDILLERA ADMINISTRATIVE REGION  
Wangal, La Trinidad, Benguet

March 18, 2022

**MEMORANDUM**

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

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

**SUBJECT** : **Request for Modification of the CY 2022 Project:  
Construction of Road, Bua-Gumatdang-Pacalso Road,  
Itogon, Benguet**

Respectfully submitted is the request for modification of the above project under 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. The proposed changes are presented below.

	FROM	TO
Type of Work	<b>Construction of Concrete Road</b>	<b>Construction of Gravel Road</b>
Physical Target	<b>8.056</b> Lane Km	<b>3.577</b> Lane Km
Unit Cost (excluding EAO)	<b>P9,582,919.563/</b> Lane Km	<b>P21,582,331.56/</b> Lane Km

Attached are the supporting documents based on D.O. No. 37, Series of 2018, "Guidance on Project Modification and Augmentation Under the General Appropriations Act (GAA)."

For your perusal.

  
**ISAGANI C. CAYME**  
OIC-District Engineer

CAR.16.1 HGUD/LBP/ICC



## Form for Modification Request

### A. GENERAL

**1. REGION**

Cordillera Administrative Region  
(CAR)

**2. DEO**

Benguet 1st District Engineering Office

**3. LEGISLATIVE DISTRICT**

Benguet Lone District

### B. ORIGINAL PROJECT

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

300215100047000

**5. Project Id**

P00642501LZ

**6. Project Category**

Convergence and Special Support Program

**7. Sub-Program (P/A/P)**

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

**8. Operating Unit**

Central Office

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

Component ID	Type of Work
P00642501LZ-CW1	Construction of Concrete Road
P00642501LZ-EAO	

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

Construction of Road, Bua-Gumatdang-Pacalso Road, Itogon, Benguet

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

80,000

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

Component ID	Target	Target Unit
P00642501LZ-CW1	8.056	Lane Km
P00642501LZ-EAO		

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

Component ID	Component Cost (P'000)	Target Unit Cost (P'000/Target Unit)
P00642501LZ-CW1	77,200.000	9,582.920
P00642501LZ-EAO	2,800.000	

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

Construction of Road, Bua-Gumatdang-Pacalso Road, Itogon, Benguet

Start X	120.647387	End X	120.651972
Start Y	16.379498	End Y	16.390196

### C. PROPOSED REVISED PROJECT

**18. Operating Unit** (Change subject to DBM approval)

Central Office

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

Component ID	Type of Work
P00642501LZ-CW1	Construction of Gravel Road
P00642501LZ-EAO	

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

Construction of Road, Bua-Gumatdang-Pacalso Road, Itogon, Benguet

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

80,000

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

☐ YES

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

Component ID	Target	Target Unit
P00642501LZ-CW1	3.577	Lane Km
P00642501LZ-EAO		

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

Component ID	Component Cost (P'000)	Target Unit Cost (P'000/Target Unit)
P00642501LZ-CW1	77,200.000	21,582.332
P00642501LZ-EAO	2,800.000	

**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)

Construction of Road, Bua-Gumatdang-Pacalso Road, Itogon, Benguet

Start X	120.647387	End X	120.651972
Start Y	16.379498	End Y	16.390196

## Form for Modification Request

**15. ROAD CLASSIFICATION** (if applicable)

N/A

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

Benguet 1st District Engineering Office

**17. PROJECT IMPLEMENTATION PLAN (PIP)**

Planned Start Date

06/2/2022

Planned End Date

1/31/2023

**26. ROAD CLASSIFICATION** (if applicable)

N/A

**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

06/2/2022

Planned End Date

3/31/2023

**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)

**Summary of Revisions:**

Particulars	FROM	TO	Variance	
Type of Work	Construction of Concrete Road	Construction of Gravel Road		
Physical Target	8.056 Lane Km	3.577 Lane Km	-4.479 Lane Km	-55.60%
Unit Cost (P'000)	9,582.920/ Lane Km	21,582.332/ Lane Km	+11,999.412/ Lane Km	+125.22%

- The revised physical target reflects the actual total length of the proposed new road that will link two existing local roads, both of which connect to the Baguio-Itogon Road, a tertiary national road.
- The road is to be aligned along a steep mountainous terrain, following an existing footpath. This will require massive earthworks, especially for excavations, in order to produce an 8 meter-width carriageway with an acceptable longitudinal grade. The earthworks account for 86.28% of the total civil works component cost, while the slope protection works it entailed amounted to 8.06%. The seemingly high revised-unit cost for road opening is due to the consideration of the gravel road as a single 8-meter width carriageway in the determination of the physical target, but would accommodate future 2-lane concreting.
- Pursuing the original type of work, i.e., road concreting, in combination with the required opening would result to a significantly shorter road, the impact of which would not be felt as it will practically end in the middle of the forest and the road influence area would be limited. With no assurance of future funding for the completion of the road, the type of work was converted to road opening in order to produce a usable transportation link. This would therefore optimize the allocation and the benefits derived therefrom.

**33. PHOTOS SUBMITTED**

☐ NO

☒ YES


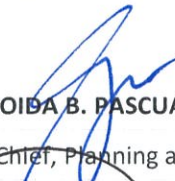

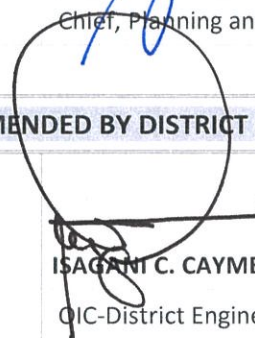
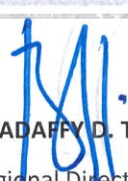
**34. A MAP OF THE PROPOSED PROJECT WORK LOCATION SUBMITTED**

☐ NO

☒ YES



## Form for Modification Request

35. PREPARED BY:			
<b>Name:</b>	 <b>HARVEY GARENTT U. DELLA</b>	<b>Position:</b>	Engineer II
<b>Office:</b>	Benguet 1st District Engineering Office	<b>Date:</b>	
36. REVIEWED BY DISTRICT OFFICE (If Required)		38. REVIEWED BY REGIONAL OFFICE	
<b>Name:</b>	 <b>LOIDA B. PASCUA</b>	<b>Name:</b>	 <b>ANGELITA B. MABITAZAN</b>
<b>Position:</b>	Chief, Planning and Design Section	<b>Position:</b>	Chief, Planning and Design Division
<b>Date:</b>		<b>Date:</b>	
37. RECOMMENDED BY DISTRICT OFFICE (If Required)		39. RECOMMENDED BY REGIONAL OFFICE	
<b>Name:</b>	 <b>ISAGANI C. CAYME</b>	<b>Name:</b>	 <b>KHADAFY D. TANGGOL</b>
<b>Position:</b>	OIC-District Engineer	<b>Position:</b>	Regional Director
<b>Date:</b>		<b>Date:</b>	

# Form for Modification Request

UACS (Unified Account Code Structure as defined in GAA)

300215100047000

Project Id

P00642501LZ

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

### Category of Modification

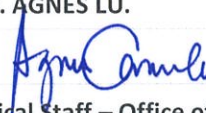
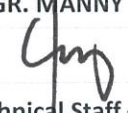
(choose one)

- ☐ 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 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. AGNES LU.	ENGR. MANNY BULUSAN
Signature		
Position:	Technical Staff – Office of the Undersecretary	Technical Staff – Office of the Undersecretary
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 *CHANGE IN TYPE OF WORK to PHYSICAL TARGET*

## Reviewed by Planning Service

Name:	CHRISTYBEL C. CANUEL	Name:	PETER PAUL R. CORTEZ
Signature		Signature:	
Position:	Regional Coordinator	Position:	OIC-Division Chief, Programming Division
Date:	3/24/2020	Date:	