



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

5908

Programming Division Evaluation Sheet

Name of Project: Palanas-San Isidro Road, Jovellar, Albay

Project ID: P00408569LZ

Appropriation: 75,000,000

Implementing Office: Regional Office V

Date: 06/05/2020

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.

C.1 FLR (Released Unreleased) Amount: 75,000,000

C.2 FCR

D. Remarks:

Evaluated By: Janica Anna P. Ojenar-Beloy
Regional Coordinator

Noted By: Leonora C. Galang
Section Chief

ACTION SLIP

Project ID: P00408569LZ

Date: _____

FOR : USEC FOR OPERATIONS RCY RBB DSS EKS

REMARKS: Reviewed by Planning Service

Recommended for Approval

Remarks: subject to Usec's Operatns Vettof for clearability of zone at 97.4M/ km of gravel road construction

MARIA CATALINA E. CABRAL, PhD, CESO I
Undersecretary for Planning and PPP



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

JUL 02 2020
MEMORANDUM


FOR : **MARK A. VILLAR**
Secretary

Respectfully forwarded is the memorandum dated March 13, 2020 of Regional Director **Melvin B. Navarro, MNSA, CESO IV**, endorsing the request for the **modification** of project under the FY 2020 GAA, to wit:

As per GAA/Original			As Modified		
Project Description					
UACS No. 310204100743000 Project ID: P00408569LZ OO1: Ensure Safe and Reliable National Road System Network Development Program - Construction of By-Pass and Diversion Roads Palanas-San Isidro Road, Jovellar, Albay			OO1: Ensure Safe and Reliable National Road System Network Development Program - Construction of By-Pass and Diversion Roads Palanas-San Isidro Road, Jovellar, Albay		
Physical Target	Unit Cost	Allocation (P)	Physical Target	Unit Cost	Estimated Cost
CW1 – Construction of Concrete Road – 0 Lane Km	-	₱ 72,375,000.00	CW1 – Construction of Gravel Road – 1.83 Lane Km	₱ 33,742,496.72 / Lane Km <i>₱ 67.4 M/km gravel road</i>	₱ 61,748,769.00
			CW2 – Construction of Road Slope Protection Structure – 17657.48 Square meters	₱ 601.80 / Square meters	₱ 10,626,231.00
EAO	-	₱ 2,625,000.00	EAO	-	₱ 2,625,000.00
		Total: ₱ 75,000,000			Total: ₱ 75,000,000
Justification:					
<ul style="list-style-type: none"> • Change in type of work from "Construction of Concrete Road" to "Construction of Gravel Road" Since the project is a <u>new construction of road opening</u> and provision of Physical target from 0 to 1.83 lane-km. • Addition of CW2 – Slope Protection Structure to improve stability and protection from sliding, scouring and erosion since the project is along coast which accounts to 14.68% of total civil works cost. 					

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

subject to Operations Unit's Vetting on reasonableness of unit cost @ ₱ 67.4 M/km of gravel road construction!


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

APPROVED/DISAPPROVED:


MARK A. VILLAR
Secretary

Department of Public Works and Highways
Office of the Secretary



WIN0C03928



Republic of the Philippines
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
REGIONAL OFFICE V
Regional Government Center, Rawis, Legaspi City

March 13, 2020

MEMORANDUM

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

THRU : **Senior Undersecretary RAFAEL C. YABUT**
Undersecretary for Regional Operations in Regions I, II, III, IV-A, V, and CAR
Undersecretary MARIA CATALINA E. CABRAL, Ph.D., CESO I
Undersecretary for Planning and PPP

SUBJECT : **Modification Request for Project included under the FY 2020 GAA (RA 11465) within ALBAY THIRD DISTRICT for Regional Office V Implementation**

Submitted herewith is the proposed modification under OO1: Ensure Safe and Reliable National Road System - Network Development Program - Construction of By-Pass and Diversion Roads, included in FY 2020 DPWH Infrastructure Program based on General Appropriations Act (GAA) RA 11465, for Regional Office V Implementation;

FROM (As per GAA)					TO (As Modified)				
UACS/ Project ID	Name/ Location of Project/ Thrust/ Type of Work	Physical Target/ Target Unit		Cost (P '000)	UACS/ Project ID	Name/ Location of Project/ Thrust/ Type of Work	Physical Target/ Target Unit		Cost (P '000)
310204100743000 / P00408569LZ									
OO1: Ensure Safe and Reliable National Road System - Network Development Program - Construction of By-Pass and Diversion Roads									
Project: Palanas-San Isidro Road, Jovellar, Albay					Project: Palanas-San Isidro Road, Jovellar, Albay				
Component:	Type of Work:	Target	Unit	Component Cost	Component:	Type of Work:	Target	Unit	Component Cost
CW1	Construction of Concrete Road	-	Lane Km	72,375	CW1	Construction of Gravel Road	1,830	Lane Km	61,749
EAO	-	-	-	2,625	CW2	Construction of Road Slope Protection Structure	17,657.480	Square meters	10,626
-	-	-	-	-	EAO	-	-	-	2,625
TOTAL				75,000.00	TOTAL				75,000.00
REMARKS/JUSTIFICATION: Change in Type of Work from "Construction of Concrete Road" to "Construction of Gravel Road" since the project is a new construction that requires road opening, thus it will entail only gravel surfacing. Concreting will be done in later years, or when it is already stable for concrete paving. Addition of CW2 (Slope Protection Structure, 14.68%) to improve stability and resistance to run-off protecting the road from sliding, scouring and erosion of soil.									

Attached are accomplished Evaluation Form for Modification, Approved Programs of Work, Certificate of Availability of Funds, and other supporting documents in support to the request.

For favorable consideration.


MELVIN B. NAVARRO, MNSA, CESO IV
Regional Director

R05.1 TJTC/EMV/BMF/MNL

Form for Project Modification Request

A. GENERAL

1. REGION	2. DEO	3. LEGISLATIVE DISTRICT
Region V	Albay 3rd District Engineering Office	ALBAY THIRD DISTRICT

B. ORIGINAL PROJECT

C. PROPOSED REVISED PROJECT

4. UACS (Unified Account Code Structure as defined in GAA) 310204100743000		
5. Project ID P00408569LZ		
6. Project Category OO1: Ensure Safe and Reliable National Road System		
7. P/A/P Network Development Program - Construction of By-Pass and Diversion Roads		
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	
P00408569LZ-CW1	Construction of Concrete Road	
P00408569LZ-EAO	-	
-	-	
-	-	
-	-	
10. PROJECT DESCRIPTION (as recorded in GAA) Palanas-San Isidro Road, Jovellar, Albay		
19. Type of Work (Enter Details for all Components below)		
Component ID	Type of Work	
P00408569LZ-CW1	Construction of Gravel Road	
P00408569LZ-CW2	Construction of Road Slope Protection Structure	
P00408569LZ-EAO	-	
-	-	
-	-	
-	-	
20. PROJECT DESCRIPTION (of the revised project) Palanas-San Isidro Road, Jovellar, Albay		
11. ALLOTMENT (P '000) (as recorded in GAA) 75,000	21. REVISED ESTIMATED COST (P '000) (Equal to, or lower than GAA allotment) 75,000	22. CAF (To be obtained from Financial Management office) <input checked="" type="checkbox"/> YES
12. PHYSICAL TARGET (Enter Details for all Components below)		
Component ID	Target	Target Unit
P00408569LZ-CW1	-	Lane Km
P00408569LZ-EAO	-	-
-	-	-
-	-	-
-	-	-
23. PHYSICAL TARGET (Enter Details for all Components below)		
Component ID	Target	Target Unit
P00408569LZ-CW1	1.830	Lane Km
P00408569LZ-CW2	17,657.48	Square meters
P00408569LZ-EAO	-	-
-	-	-
-	-	-
13. UNIT COST (Enter Details for all Components below)		
Component ID	Component Cost (P '000)	Target Unit Cost (P '000/Target Unit)
P00408569LZ-CW1	72,375.00	-
P00408569LZ-EAO	2,625.00	-
-	-	-
-	-	-
-	-	-
24. UNIT COST (Enter Details for all Components below)		
Component ID	Component Cost (P '000)	Target Unit Cost (P '000/Target Unit)
P00408569LZ-CW1	61,748.77	33,742.497
P00408569LZ-CW2	10,626.23	0.602
P00408569LZ-EAO	2,625.00	-
-	-	-
-	-	-

Form for Modification Request

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

Albay

25. PROJECT WORK LOCATION (Must be defined in strict accordance with DO 65 Series 2014. Also complete Annex A for National road projects under OO1 and LP)

Jovellar, Albay 3rd LD

Start X - **End X**
Start Y - **End Y**

Start X 123.5665 **End X** 123.5702
Start Y 13.0729 **End Y** 13.0770

15. ROAD CLASSIFICATION (if applicable)

N/A

26. ROAD CLASSIFICATION (if applicable)

N/A

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

Regional Office V

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

Regional Office V

17. PROJECT IMPLEMENTATION PLAN (PIP)

Planned Start Date **Planned End Date**
April 6, 2020 November 28, 2020

28. PROJECT IMPLEMENTATION PLAN (PIP)

Planned Start Date **Planned End Date**
April 6, 2020 November 28, 2020

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)

Change in Type of Work from "Construction of Concrete Road" to "Construction of Gravel Road" since the project is a new construction that requires road opening, thus it will entail only gravel surfacing. Concreting will be done in later years , or when it is already stable for concrete paving.
Addition of CW2 (Slope Protection Structure, 14.68%) to improve stability and resistance to run-off protecting the road from sliding, scouring and erosion of soil.

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 Project Modification Request

35. PREPARED BY:

Name:	 ESTER M. VARGAS	Position:	Chief, Planning Section
Office:	DPWH ROV	Date:	

36. REVIEWED BY DISTRICT OFFICE (If Required)

38. REVIEWED BY REGIONAL OFFICE

Name:	-	Name:	 MARLOU N. LACUNA
Position	-	Position	Chief, Planning and Design Division
Date:	-	Date:	

36. RECOMMENDED BY DISTRICT OFFICE (If Required)

39. RECOMMENDED BY REGIONAL OFFICE

Name:	-	Name:	 MELVIN B. NAVARRO, MNSA, CESO IV
Position	-	Position	Regional Director
Date:	-	Date:	

Form for Project Modification Request

UACS (Unified Account Code Structure as defined in GAA)

310204100743000

Project ID

P00408569LZ

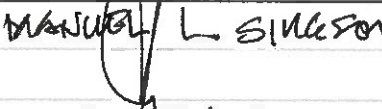
40. DPWH OFFICE OF THE UNDERSECRETARIES FOR OPERATIONS USE ONLY

<p>Category of Modification (choose one)</p>	<input type="checkbox"/> Category A - Typographical Errors <input type="checkbox"/> Category B - Change in Station Limits, due to increase or decrease in budget <input type="checkbox"/> Category C - Change in Location <input type="checkbox"/> Category D - Change in Operating Unit (requires DBM approval) <input type="checkbox"/> Adjustment - Send to PS-PD to amend <input type="checkbox"/> Modification does not comply with DBM Categories <input type="checkbox"/> 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 change in the (OU)	<input type="checkbox"/> Typographical error on Project Component Description <input type="checkbox"/> Typographical error in 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 <p>Change of Itemized Project Component:</p> <input type="checkbox"/> Various <input type="checkbox"/> Description <input type="checkbox"/> Location <input type="checkbox"/> Amount <input type="checkbox"/> Target


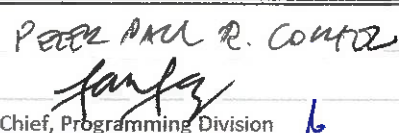
Reviewed by Office of the Undersecretary for Operations

Name:	<i>MANUEL L. SINGSON</i>
Signature:	
Position:	<i>PROV. MGR. 1</i>
Date:	<i>JUNE 3, 2020</i>

41. DPWH PLANNING SERVICE OFFICE USE ONLY

<p>Category of Modification (choose one)</p>	<input type="checkbox"/> Category A - Typographical Errors <input type="checkbox"/> Category B - Change in Station Limits, due to increase or decrease in budget <input type="checkbox"/> Category C - Change in Location <input type="checkbox"/> Category D - Change in Operating Unit (requires DBM approval) <input type="checkbox"/> Adjustment - Send to PS-PD to amend <input type="checkbox"/> Modification does not comply with DBM Categories <input type="checkbox"/> Augmentation
---	---

Reviewed by Planning Service

Name:	JANICA ANNA P. OJENAR - BELOY	Name:	<i>PAUL R. CONTRA</i>
Signature:		Signature:	
Position:	Regional Coordinator	Position:	Chief, Programming Division <i>16</i>
Date:	<i>6/05/2020</i>	Date:	<i>6/5/2020</i>



Republic of the Philippines
Department of Public Works and Highways
REGIONAL OFFICE V
Regional Government Center, Rawis, Legazpi City

June 19, 2020

CERTIFICATE OF REASONABLENESS OF COST ESTIMATE

Project: **001: Ensure Safe and Reliable National Road System – Network Development Program – Construction of By-pass and Diversion Roads – Palanas-San Isidro Road, Jovellar, Albay**

Physical Target (as per GAA): 0.000

Physical Target (as per POW): 1.83026 lane km (Gravel Road), 17,657.48 sq. m. (Slope Protection), 1,250.02 l.m. (Drainage)

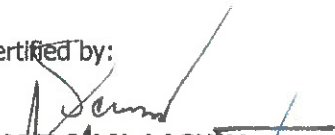
DESCRIPTION OF WORKS TO BE DONE		AS SUBMITTED	
		% TOTAL	TOTAL DIRECT COST
Part A:	Facilities for the Engineer	0.13%	78,700.00
B:	Other General Requirements	1.11%	647,407.92
C:	Earthworks	72.88%	42,629,154.68
D:	Subbase and Base Courses	1.41%	822,843.92
G.1:	Drainage and Slope Protection Structures	24.47%	14,312,636.85
TOTAL:		100.00%	58,490,843.37

$$\text{Cost per kilometer of project (as per POW)} = \frac{\text{Php } 58,490,843.37}{0.91513 \text{ km}} = 63,915,338.12 \frac{\text{Php}}{\text{km}}$$

The high unit cost per kilometer of the project as per Program of Work is attributed to the following:

1. The site is located at a mountainous area, thus, the height of cut needed to attain a desirable and safe grade ranges from two (2) to seventeen (17) meters which composed of soft rock on almost all of the section.
2. Due to proposed height of cut, it will also need a slope protection for the stability of the slope.
3. The proposed width of the road opening is thirty (30) meters, hence it will entail larger quantities than the standard road opening which means higher cost per kilometer.

Certified by:


MARIOU N. LACUNA
Chief, Planning and Design Division


MELVIN B. NAVARRO, MNSA, CESO IV
Regional Director

RO5.1 WVG/EBRM/MNS/BMF/MNL