



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

6154

Programming Division Evaluation Sheet

Name of Project: Legazpi City Coastal Road, Albay

Project ID: P00402412LZ

Appropriation: 100,000,000

Implementing Office: Regional Office V

Date: 06/13/2020

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: -

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: P00402412LZ

Date: _____

FOR : USEC FOR OPERATIONS

☒ RCY

☐ RBB

☐ DSS

☐ EKS

REMARKS:

☒ Reviewed by Planning Service

☒ Recommended for Approval

☐ Remarks:

subject to RO Certificate of Reasonableness with cost of shape profile & drainage work since these are much higher than the BOC standard cost.

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

JUN 18 2020
MEMORANDUM

FOR : **MARK A. VILLAR**
Secretary

Respectfully forwarded is the memorandum dated April 17, 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:

<i>As per GAA/Original</i>			<i>As Modified</i>		
Project Description					
UACS No. 310204100754000 Project ID: P00402412LZ					
OO1: Ensure Safe and Reliable National Road System			OO1: Ensure Safe and Reliable National Road System		
Network Development Program - Construction of By-Pass and Diversion Roads			Network Development Program - Construction of By-Pass and Diversion Roads		
Legazpi City Coastal Road, Albay			Legazpi City Coastal Road, Albay		
Physical Target	Unit Cost	Allocation (P)	Physical Target	Unit Cost	Estimated Cost
CW1 – Construction of Concrete Road – 1.691 Lane Km	₱ 16,848,409.23 / Lane Km	₱ 28,490,660.00	CW1 – Construction of Concrete Road – 1.57276 Lane Km	₱ 9,372,302.83 / Lane Km	₱ 14,740,383.00
CW2 – Construction of Road Slope Protection Structure – 2167.35 Square meters	₱ 19,493.68 / Square meters	₱ 42,249,630.00	CW2 – Construction of Road Slope Protection Structure – 2310.34 Square meters	₱ 24,241.87 / Square Meter	₱ 56,006,967.00
CW3 – Construction of Drainage Structure along Road – 805.75 Lineal meters	₱ 24,852.27 / Lineal meters	₱ 20,024,715.00	CW3 – Construction of Drainage Structure along Road – 746.66 Lineal meters	₱ 26,809.60 / Lineal meters	₱ 20,017,655.00
ROW - ROW Acquisition – 14055 Square meters	₱ 422.84 / Square meters	₱ 5,943,000.00	ROW - ROW Acquisition – 14055 Square meters	₱ 422.84 / Square meters	₱ 5,943,000.00
EAO	-	₱ 3,291,995.00	EAO	-	₱ 3,291,995.00
Total:		₱ 100,000,000	Total:		₱ 100,000,000

Q

Justification:

- Increase per unit cost for CW1, CW2, CW3 based on the approved POW/DUPA resulting to revision of Physical Target. The resulting physical target was based on the estimated quantity from survey and result of design structure such as provision of steel sheet piles, cofferdam and bulkheads.

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

*subject to re-approval
cost of steel sheet piles
change works.*

RAFAEL C. YABUT

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

APPROVED/DISAPPROVED:

MARK A. VILLAR

Secretary

211 RMYR/MLS

Department of Public Works and Highways
Office of the Secretary



WIN0C03893



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

April 17, 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 (SECOND 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)
310204100754000 / P00402412LZ							
OO1: Ensure Safe and Reliable National Road System - Network Development Program - Construction of By-Pass and Diversion Roads							
Project: Legazpi City Coastal Road, Albay				Project: Legazpi City Coastal Road, Albay			
Component:	Type of Work:	Target	Unit	Component:	Type of Work:	Target	Unit
CW1	Construction of Concrete Road	1,691	Lane Km	CW1	Construction of Concrete Road	1,573	Lane Km
CW2	Construction of Road Slope Protection Structure	2,167.350	Square meters	CW2	Construction of Road Slope Protection Structure	2,310.340	Square meters
CW3	Construction of Drainage Structure along Road	805.7500	Lineal meters	CW3	Construction of Drainage Structure along Road	746.660	Lineal meters
ROW	ROW Acquisition	14,055.0000	Square meters	ROW	ROW Acquisition	14,055.000	Square meters
EAO	-	-	-	EAO	-	-	-
TOTAL			100,000.00	TOTAL			100,000.00
REMARKS/JUSTIFICATION:							
Revised CW1 (Concrete Road, 16.24%), CW2 (Slope Protection Structure, 61.71%) and CW3 (Drainage, 22.05%) physical target based on estimated quantity computations from survey conducted and result of design of structure (provision of Steel Sheet Piles for Slope Protection & Cofferdaming, and Bulkheads).							

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.

MELODY B. NAVARRO, MNSA, CESO IV
Regional Director

Form for Project Modification Request

A. GENERAL

1. REGION	2. DEO	3. LEGISLATIVE DISTRICT
Region V	Albay 2nd District Engineering Office	ALBAY (SECOND DISTRICT)

B. ORIGINAL PROJECT

C. PROPOSED REVISED PROJECT

4. UACS (Unified Account Code Structure as defined in GAA) 310204100754000																											
5. Project ID P00402412LZ																											
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)		19. Type of Work (Enter Details for all Components below)																									
Component ID P00402412LZ-CW1 P00402412LZ-CW2 P00402412LZ-CW3 P00402412LZ-ROW P00402412LZ-EAO	Type of Work Construction of Concrete Road ✓ Construction of Road Slope Protection Structure Construction of Drainage Structure along Road ROW Acquisition -	Component ID P00402412LZ-CW1 P00402412LZ-CW2 P00402412LZ-CW3 P00402412LZ-ROW P00402412LZ-EAO	Type of Work Construction of Concrete Road ✓ Construction of Road Slope Protection Structure Construction of Drainage Structure along Road ROW Acquisition -																								
10. PROJECT DESCRIPTION (as recorded in GAA) Legazpi City Coastal Road, Albay		20. PROJECT DESCRIPTION (of the revised project) Legazpi City Coastal Road, Albay																									
11. ALLOTMENT (P '000) (as recorded in GAA) <div style="text-align: right;">100,000</div>		21. REVISED ESTIMATED COST (P '000) (Equal to, or lower than GAA allotment) <div style="text-align: right;">100,000</div>	22. CAF (To be obtained from Financial Management office) <input checked="" type="checkbox"/> YES																								
12. PHYSICAL TARGET (Enter Details for all Components below)		23. PHYSICAL TARGET (Enter Details for all Components below)																									
Component ID P00402412LZ-CW1 P00402412LZ-CW2 P00402412LZ-CW3 P00402412LZ-ROW P00402412LZ-EAO	<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Target</th> <th style="text-align: left;">Target Unit</th> </tr> </thead> <tbody> <tr> <td>1.691</td> <td>Lane Km</td> </tr> <tr> <td>2,167.35</td> <td>Square meters</td> </tr> <tr> <td>805.75</td> <td>Lineal meters</td> </tr> <tr> <td>14,055.00</td> <td>Square meters</td> </tr> <tr> <td>-</td> <td>-</td> </tr> </tbody> </table>	Target	Target Unit	1.691	Lane Km	2,167.35	Square meters	805.75	Lineal meters	14,055.00	Square meters	-	-	Component ID P00402412LZ-CW1 P00402412LZ-CW2 P00402412LZ-CW3 P00402412LZ-ROW P00402412LZ-EAO	<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Target</th> <th style="text-align: left;">Target Unit</th> </tr> </thead> <tbody> <tr> <td>1.573</td> <td>Lane Km</td> </tr> <tr> <td>2,310.34</td> <td>Square meters</td> </tr> <tr> <td>746.66</td> <td>Lineal meters</td> </tr> <tr> <td>14,055.00</td> <td>Square meters</td> </tr> <tr> <td>-</td> <td>-</td> </tr> </tbody> </table>	Target	Target Unit	1.573	Lane Km	2,310.34	Square meters	746.66	Lineal meters	14,055.00	Square meters	-	-
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13. UNIT COST (Enter Details for all Components below)		24. UNIT COST (Enter Details for all Components below)																									
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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)

Legazpi City, Albay 2nd LD

Start X

End X

Start Y

End Y

Start X

I: 123.753885

II: 123.751633

III: 123.756508

Start Y

I: 13.171775

II: 13.169768

III: 13.158245

End X

I: 123.753941

II: 123.753955

III: 123.755808

End Y

I: 13.173611

II: 13.169776

III: 13.155648

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

February 5, 2020

Planned End Date

November 7, 2020

28. PROJECT IMPLEMENTATION PLAN (PIP)

Planned Start Date

February 5, 2020

Planned End Date

November 7, 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)

Revised CW1 (Concrete Road, 16.24%), CW2 (Slope Protection Structure, 61.71%) and CW3 (Drainage, 22.05%) physical target based on estimated quantity computations from survey conducted and result of design of structure (provision of Steel Sheet Piles for Slope Protection & Cofferdaming, and Bulkheads).

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:	MARILOU 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. NARBO, MNSA, CESO IV
Position	-	Position	Regional Director
Date:	-	Date:	

Form for Project Modification Request

UACS (Unified Account Code Structure as defined in GAA)

310204100754000

Project ID

P00402412LZ

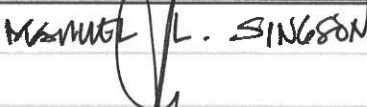
40. DPWH OFFICE OF THE UNDERSECRETARIES FOR OPERATIONS USE ONLY

Category of Modification (choose one)	<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
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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 Change of Itemized Project Component: <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:	MANUEL L. SINGSON
Signature:	
Position:	PROJECT MANAGER
Date:	JUNE 3, 2020

41. DPWH PLANNING SERVICE OFFICE USE ONLY

Category of Modification (choose one)	<input type="checkbox"/> Category A - Typographical Errors <input checked="" 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
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Reviewed by Planning Service

Name:	JANICA ANNA P. OJENAR - BELOY	Name:	PAUL A. CORPUS
Signature:		Signature:	
Position:	Regional Coordinator	Position:	Chief, Programming Division
Date:	6/5/2020	Date:	6/5/2020



Republic of the Philippines
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
OFFICE OF THE REGIONAL DIRECTOR

Region V
Regional Government Center, Rawis, Legazpi City

CERTIFICATE OF AVAILABILITY OF ALLOTMENT

This is to certify that the total amount of **NINETY EIGHT MILLION FIVE HUNDRED THOUSAND PESOS (P98,500,000.00) ONLY** for Network Development Program - Construction of By-Pass and Diversion Roads Legazpi City Coastal Road, Albay per SAA# SR2020-02-001171 dated February 7, 2020 RA 11465 is still available for obligation.

Issued this 18th day of May, 2020 for record and reference purposes.


SHEILA V. BARRO
Administrative Officer V
(Budget Officer III)


FE M. MAGANA
Chief Administrative Officer
(Fiscal Controller V)


MELVIN B. NAVARRO, MNSA, CESO IV
Regional Director 



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

June 19, 2020

5154

CERTIFICATE OF REASONABLENESS OF COST ESTIMATE

Project: OO1: Ensure Safe and Reliable National Road System – Network Development Program – Construction of By-pass and Diversion Roads – Legazpi City Coastal Road, Albay

Physical Target (as per GAA): 1.691 lane km (Road), 2,167.35 sq. m. (Slope Protection),
805.75 l.m. (Drainage)

Physical Target (as per POW): 1.57276 lane km (Road), 2,310.34 sq. m. (Slope Protection),
746.66 l.m. (Drainage)

DESCRIPTION OF WORKS TO BE DONE		AS SUBMITTED	
		% TOTAL	TOTAL DIRECT COST
Part A:	Facilities for the Engineer	0.13%	92,000.00
B:	Other General Requirements	0.93%	679,870.11
C:	Earthworks	4.53%	3,319,823.15
D:	Subbase and Base Courses	0.97%	709,977.46
E:	Surface Course	7.89%	5,788,513.40
G.1:	Drainage and Slope Protection Structures	82.88%	60,783,264.91
G.2:	Protective Works and Accessories	0.04%	28,749.77
H.1:	Miscellaneous Structures	1.44%	1,055,236.38
H.2:	Bulkheads	1.20%	882,942.04
TOTAL:		100.00%	73,340,377.21

Cost per kilometer of project (as per POW) = $\frac{\text{Php } 73,340,377.21}{0.78638 \text{ km}} = 93,263,278.83 \frac{\text{Php}}{\text{km}}$

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 the shoreline and
2. The topography of the seabed adjacent to the structure is steep, hence, the need for longer sheet piles to prevent scouring and damage of the structure.
3. Since the project used longer sheet piles, the cost per kilometer of the project also went up.
4. The structure is designed to withstand the tidal forces during typhoons.

Certified by:

MARLOU N. LACUNA
Chief, Planning and Design Division

MELVIN B. NAVARRO, MNSA, CESO IV
Regional Director