



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

V-019

**Programming Division Evaluation Sheet**

Name of Project:

Project ID: P00732971LZ

Brgy. 3-Brgy. 2-Brgy. 1 Road connecting Ligao-Pioduran Road and Pioduran-Donsol Road in support to Agribusiness (Food Resource Based Processing), Pio-Duran, Albay

Appropriation: P49,000,000

Date: 03/17/2023

Implementing Office: Regional Office V

**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

A.2.5.2 ☐ Change in Scope of Work from \_\_\_\_\_ to \_\_\_\_\_

A.2.5.3 ☐ Change in Component Amount

A.2.5.4 ☒ Addition of Component (incl. EXC Component)

A.2.5.5 ☐ Deletion of Component

A.2.5.6 ☐ Movement of Funds between Components

DPWH - OSEC  
**RECEIVED**  
MAR 24 2023  
By: \_\_\_\_\_  
Control No.: 23-00803  
IDTS No.: 00648

**B. EVALUATION**

B.1 ☒ ALLOWED as per the GAA Provisions

B.2 ☐ NOT ALLOWED as per the GAA Provisions

**C. FUND SOURCE FY 2023 GAA, R.A. 11936**

C.1 ☐ for issuance of SARO ☐ Released ☐ Unreleased

Amount: \_\_\_\_\_

C.2 ☒ released thru GAAAO

P49,000,000

**D. IMPACT:**

D.1 Condition/s: \_\_\_\_\_ % decrease in unit cost  
16.27 % increase in unit cost  
85.73 % decrease in physical target  
\_\_\_\_\_ % increase in physical target

D.2 ☒ Additional Project Component

D.3 ☒ Certificate of Cost Reasonableness

D.4 Remarks: Addition of CW2 significantly reduced original targets. CW2 Unit Cost is 35.97% lower than BOC Unit Cost for Road Slope Protection Structure (Php42,810.45/Square meter).

**E. Approving Authority as per D.O. 13, s. 2023, Guidelines on Modification of Allotment under the GAA**

E.1 ☐ Undersecretary for Operations

E.2 ☒ Secretary

Evaluated By:

ALEX G. BOTE  
Director IV, Planning Service

Noted By:

CONSTANTE A. LLANES, JR., CESO III  
Assistant Secretary, Planning Service

**ACTION SLIP**

Project ID: P00732971LZ

Date: \_\_\_\_\_

FOR: USEC FOR OPERATIONS

☒ RRB ☐ ERP ☐ EKS

REMARKS:

☒ Reviewed by Planning Service

☐ Recommended for Approval

☐ Remarks: \_\_\_\_\_

MARIA CATALINA E. CABRAL, Ph.D., CESO I  
Undersecretary for Planning and PPP Services



MAR 28 2023

MEMORANDUM

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

FOR : MANUEL M. BONOAN  
Secretary  
This Department

This refers to the memorandum dated February 13, 2023, of **Regional Director VIRGILIO C. EDUARTE, DPWH, Region V**, requesting for the approval of the **Modification** of the project under FY 2023 General Appropriation Act (GAA), to wit:

As per GAA/Original			As Modified		
Project Description					
UACS: 300204101167000 Project ID: P00732971LZ					
CONVERGENCE AND SPECIAL SUPPORT PROGRAM			CONVERGENCE AND SPECIAL SUPPORT PROGRAM		
Construction/ Improvement of Access Roads leading to Trades, Industries and Economic Zones (Roads Leveraging Linkages for Industry and Trade Infrastructure Program - ROLL-IT) -			Construction/ Improvement of Access Roads leading to Trades, Industries and Economic Zones (Roads Leveraging Linkages for Industry and Trade Infrastructure Program - ROLL-IT) -		
Brgy. 3-Brgy. 2-Brgy. 1 Road connecting Ligao-Pioduran Road and Pioduran-Donsol Road in support to Agribusiness (Food Resource Based Processing), Pio-Duran, Albay			Brgy. 3-Brgy. 2-Brgy. 1 Road connecting Ligao-Pioduran Road and Pioduran-Donsol Road in support to Agribusiness (Food Resource Based Processing), Pio-Duran, Albay		
Physical Target	Unit Cost (P'000)	Allocation (P'000)	Physical Target	Unit Cost (P'000)	Allocation (P'000)
CW1 Construction of Concrete Road/ 1.96 Lane Km	24,125.00 / Lane Km	47,285.00	CW1 – Construction of Concrete Road/ 0.2796 Lane Km	28,051.00 / Lane Km 756 m/km	7,843.06
			CW2 – Construction of Road Slope Protection Structure/ 1,438.97 Square meters	27.41 / Square meter	39,441.94
EAO –		1,715.00	EAO –		1,715.00
Total:		49,000.00	Total:		49,000.00

Note: For a local road, unit cost is on high side. Using steel sheet piles for CW-2.

(Subject to further field validation)

Q



**Justification:**

- Decrease in physical target from 1.96 lane km. to 0.2796 lane km. is due to the adjustment in construction materials cost and pay item rates considering the Construction Materials Price Data (CMPD) 3rd Quarter update of CY 2022 used in the preparation of Program of Works upon release of the 2023 National Expenditure Program, thus an increase in the unit cost. Increase in unit cost is also due to the large volume of common soil embankment from borrow (4,047 cubic meters) allocating 5.56% of the total construction cost. Decrease in physical target is also due to the addition of CW2 - Construction of Road Slope Protection Structure. Provision of Solar LED Street Lights and Flush Type Solar Studs as road safety features for the safety of the motorists and residents, which allocates to 3.16% of the total construction cost.
- Addition of CW2 - Construction of Road Slope Protection Structure to prevent collapse of road shoulder, settlement of the road surfaces, and erosion of the road embankment triggered mainly by rainwater flow thus improving stability and resistance to run-off protecting the road from sliding, scouring and erosion of soil to establish and maintain a safe and resilient road infrastructure. High unit cost is due to the provision of steel sheet piles (cofferdamming and slope protection), stone masonry and rubble concrete in the slope protection works, allocating 27.01%, 4.06% and 22.21% of the total construction cost.

Attached are the following supporting documents:

- Certificate of Reasonableness of Cost Estimate, Certificate of Availability of Funds, Program of Works, Detailed Unit Price Analysis, Geotagged Photos and Detailed Engineering Plan.

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

  
**ANTONIO V. MOLANO, JR.**

Assistant Secretary for Regional Operations  
in NCR, Regions III, IV-A, IV-B, V, VI, VII and VIII

**Recommending Approval:**

  
**MARIA CATALINA E. CABRAL. Ph.D., CESO I**

Undersecretary for Planning and  
Public-Private Partnership Service

  
**ROBERTO R. BERNARDO, CESO I**

Undersecretary for Regional Operations  
in NCR, Regions III, IV-A, IV-B, V, VI, VII, and VIII

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

  
**MANUEL M. BONOAN**

Secretary

2.6 BCL/RRB

Project ID: P00732971LZ

Department of Public Works and Highways  
Office of the Secretary



WIN3F07067



**MAR 28 2023**

**MEMORANDUM**

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

**FOR : MANUEL M. BONOAN**  
Secretary  
This Department

This refers to the memorandum dated February 13, 2023, of **Regional Director VIRGILIO C. EDUARTE, DPWH, Region V**, requesting for the approval of the **Modification** of the project under FY 2023 General Appropriation Act (GAA), to wit:

As per GAA/Original			As Modified		
Project Description					
UACS: <b>300204101167000</b> Project ID: <b>P00732971LZ</b>					
CONVERGENCE AND SPECIAL SUPPORT PROGRAM			CONVERGENCE AND SPECIAL SUPPORT PROGRAM		
Construction/ Improvement of Access Roads leading to Trades, Industries and Economic Zones (Roads Leveraging Linkages for Industry and Trade Infrastructure Program - ROLL-IT) -			Construction/ Improvement of Access Roads leading to Trades, Industries and Economic Zones (Roads Leveraging Linkages for Industry and Trade Infrastructure Program - ROLL-IT) -		
Brgy. 3-Brgy. 2-Brgy. 1 Road connecting Ligao-Pioduran Road and Pioduran-Donsol Road in support to Agribusiness (Food Resource Based Processing), Pio-Duran, Albay			Brgy. 3-Brgy. 2-Brgy. 1 Road connecting Ligao-Pioduran Road and Pioduran-Donsol Road in support to Agribusiness (Food Resource Based Processing), Pio-Duran, Albay		
Physical Target	Unit Cost (P'000)	Allocation (P'000)	Physical Target	Unit Cost (P'000)	Allocation (P'000)
CW1 – Construction of Concrete Road/ <b>1.96 Lane Km</b>	<b>24,125.00</b> / Lane Km	<b>47,285.00</b>	CW1 – Construction of Concrete Road/ <b>0.2796 Lane Km</b>	<b>28,051.00</b> / Lane Km	<b>7,843.06</b>
			<b>CW2 – Construction of Road Slope Protection Structure/ 1,438.97 Square meters</b>	<b>27.41</b> / Square meter	<b>39,441.94</b>
EAO –		1,715.00	EAO –		1,715.00
<b>Total:</b>		<b>49,000.00</b>	<b>Total:</b>		<b>49,000.00</b>



**Justification:**

- Decrease in physical target from 1.96 lane km. to 0.2796 lane km. is due to the adjustment in construction materials cost and pay item rates considering the Construction Materials Price Data (CMPD) 3rd Quarter update of CY 2022 used in the preparation of Program of Works upon release of the 2023 National Expenditure Program, thus an increase in the unit cost. Increase in unit cost is also due to the large volume of common soil embankment from borrow (4,047 cubic meters) allocating 5.56% of the total construction cost. Decrease in physical target is also due to the addition of CW2 - Construction of Road Slope Protection Structure. Provision of Solar LED Street Lights and Flush Type Solar Studs as road safety features for the safety of the motorists and residents, which allocates to 3.16% of the total construction cost.
- Addition of CW2 - Construction of Road Slope Protection Structure to prevent collapse of road shoulder, settlement of the road surfaces, and erosion of the road embankment triggered mainly by rainwater flow thus improving stability and resistance to run-off protecting the road from sliding, scouring and erosion of soil to establish and maintain a safe and resilient road infrastructure. High unit cost is due to the provision of steel sheet piles (cofferdamming and slope protection), stone masonry and rubble concrete in the slope protection works, allocating 27.01%, 4.06% and 22.21% of the total construction cost.

Attached are the following supporting documents:

- Certificate of Reasonableness of Cost Estimate, Certificate of Availability of Funds, Program of Works, Detailed Unit Price Analysis, Geotagged Photos and Detailed Engineering Plan.

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

  
**ANTONIO V. MOLANO, JR.**

Assistant Secretary for Regional Operations  
in NCR, Regions III, IV-A, IV-B, V, VI, VII and VIII

**Recommending Approval:**

  
**MARIA CATALINA E. CABRAL, Ph.D., CESO I**

Undersecretary for Planning and  
Public-Private Partnership Service

  
**ROBERTO R. BERNARDO, CESO I**

Undersecretary for Regional Operations  
in NCR, Regions III, IV-A, IV-B, V, VI, VII, and VIII

**APPROVED/DISAPPROVED:**

  
**MANUEL M. BONOAN**

Secretary

2.6 BCL/RRB

Project ID: P00732971LZ