



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

Programming Division Evaluation Sheet

Name of Project:

Balud National Road connecting Barangay Dano in support of Agribusiness, Balud,
Masbate

Project ID: P00732981LZ

Implementing Office: Masbate 2nd District Engineering Office

Appropriation: P140,000,000

Date: 09/08/2023

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 Construction of Concrete Bridge

to Construction of Drainage Structure along Road

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

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

C.2 ☐ released thru GAAAO

Amount:

P140,000,000

D. IMPACT:

D.1 Condition/s:

- % decrease in unit cost

120.21 % increase in unit cost

65.60 % decrease in physical target

- % increase in physical target

D.2 ☐ Additional Project Component

D.3 ☒ Certificate of Cost Reasonableness

D.4 Remarks: Road safety features are compliant with existing DPWH Highway Safety Design Standards as per BQS
Evaluation dated 13 July 2023 (copy attached).

**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 S. BOTE
Director IV, Planning Service

Noted By:

CONSTANTE A. LIANES, JR., CESO III
Assistant Secretary for Planning Service

ACTION SLIP

Project ID: P00732981LZ

FOR SECRETARY MANUEL M. BONUAN OR

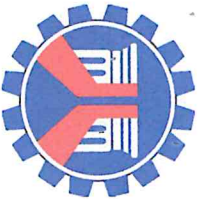
Date:

REMARKS:

☒ Reviewed by Planning Service
☐ Recommended for Approval
Remarks:

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

Undersecretary for Planning and PPP Services



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

OCT 23 2023

MEMORANDUM

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

This refers to the Memorandum dated January 30, 2023, of **Regional Director VIRGILIO C. EDUARTE, CESO III, DPWH Regional Office V**, endorsing the request of **District Engineer SIMON N. ARIAS**, Masbate 2nd District Engineering Office for the approval of **Modification** of the project under FY 2023 General Appropriations Act (GAA), to wit:

As per GAA/Original			As Modified		
Project Description					
UACS No. 300204100704000 Project ID: P00732981LZ			UACS No. 300204100704000 Project ID: P00732981LZ		
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)		
Balud National Road connecting Barangay Danao in support of Agribusiness, Balud, Masbate			Balud National Road connecting Barangay Danao in support of Agribusiness, Balud, Masbate		
Physical Target	Unit Cost (P)	Allocation (P)	Physical Target	Unit Cost (P)	Estimated Cost (P)
CW1 – Construction of Concrete Road – 6.936 Lane Km	17,307,670 / Lane Km	120,046,000	CW1 – Construction of Concrete Road – 2.386 Lane Km	38,114,040 / Lane Km	90,940,100
CW2 – Construction of Concrete Bridge – 176.590 Square meters	85,248 / Square meters	15,054,000	CW2 – Construction of Drainage Structure along Road 2,393.00 Lineal meters	18,454 / Lineal meters	44,159,900
EAO	-	4,900,000	EAO	-	4,900,000
Total		140,000,000	Total		140,000,000
Justification:					
<ul style="list-style-type: none">Change of work component into Construction of Drainage Structure along Road, since its component cost exceeds 10% of the project allocation.Decrease in physical target due to increase in unit cost due to paving of shoulder as to completeness of the road features and which also serve as a conveyance of surface run-off to the inlet of the lined canal. Having a paved shoulder adjacent to the lined canal will be more cost-efficient as more surface runoff will be conveyed to the lined canal than the adjacent unpaved road. Part of the paved shoulder may serve as a bicycle lane in consideration of the provision under D.O. 88 s. 2020, to include bicycle facility and sidewalk along national road. The programmed amount includes additional miscellaneous structures like signage and street luminaires to promote security and improve safety for drivers and pedestrians as per D.O. 11 s. 2023. Further, inclusion of road slope protection structure to improve stability and resistance to run-off protecting the road from sliding, scouring and erosion of soils due to the location with					

CV

[Signature]

steep slope. Provision of drainage structure along road is provided to drain surface water away from roadway during heavy rains.

- CW2 is Deleted. Construction of Bridge is not priority for this year's funding because paved road with complete features is much needed by the motorist and road users for their safety and convenience. The specific location of the project scope of work is within the poblacion area where large volume of population/ residents is located, thus, construction of paved road is more priority than construction of bridge which is located outside the poblacion area.

Attached are the following documents:

- Certification as to Availability of Allotment, Certificate of Reasonableness of Cost Estimate, Program of Works, Detailed Unit Price Analysis, Geotagged Photos, Maps and Detailed Engineering Design

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.


ERICA A. AYAPANA

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 Services


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

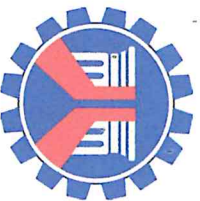
2.6 BCL/EAA/RRB

Project ID: P00732981LZ

Department of Public Works and Highways
Office of the Secretary



WIN3F07699



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

OCT 23 2023

MEMORANDUM

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

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<i>As per GAA/Original</i>		<i>As Modified</i>		
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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)		
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EAO	-	EAO	-	4,900,000
Total		140,000,000	Total	140,000,000
Justification: <ul style="list-style-type: none">Change of work component into Construction of Drainage Structure along Road, since its component cost exceeds 10% of the project allocation.Decrease in physical target due to increase in unit cost due to paving of shoulder as to completeness of the road features and which also serve as a conveyance of surface run-off to the inlet of the lined canal. Having a paved shoulder adjacent to the lined canal will be more cost-efficient as more surface runoff will be conveyed to the lined canal than the adjacent unpaved road. Part of the paved shoulder may serve as a bicycle lane in consideration of the provision under D.O. 88 s. 2020, to include bicycle facility and sidewalk along national road. The programmed amount includes additional miscellaneous structures like signage and street luminaires to promote security and improve safety for drivers and pedestrians as per D.O. 11 s. 2023. Further, inclusion of road slope protection structure to improve stability and resistance to run-off protecting the road from sliding, scouring and erosion of soils due to the location with				

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Attached are the following documents:

- Certification as to Availability of Allotment, Certificate of Reasonableness of Cost Estimate, Program of Works, Detailed Unit Price Analysis, Geotagged Photos, Maps and Detailed Engineering Design

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.

ERIC A. AYAPANA

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 Services

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. MANOAN
Secretary

07/31/24



MEMORANDUM

THRU : Undersecretary ROBERTO R. BERNARDO
Regional Operations in NCR, Regions III, IV-A, IV-B, V, VI, VII, and VIII

Forwarded is the Memorandum dated January 30, 2023, of District Engineer Simon N. Arias, Masbate 2nd District Engineering Office, Masbate City, relative to the proposed modification under, 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) included in FY 2023 DPWH Infrastructure Program based on General Appropriations Act (GAA) RA 11936, for Masbate 2nd District Engineering Office Implementation

<i>As per GAA/Original</i>				<i>As Modified</i>			
UACS: 300204100704000 Project ID: P00732981LZ							
Convergence and Special Support Program				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)				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)			
Balud National Road connecting Barangay Danao in support of Agribusiness, Balud, Masbate				Balud National Road connecting Barangay Danao in support of Agribusiness, Balud, Masbate			
Physical Target	Unit Cost (P'000)	Allocation (P'000)		Physical Target	Unit Cost (P'000)	Estimated Cost (P'000)	
CW1- Construction of Concrete Road / Lane Km	17,307.670	120,046.00		CW1- Construction of Concrete Road / Lane Km	38,114.040	90,940.10	
- 6.936 Lane Km				- 2.386 Lane Km			
CW2- Construction of Concrete Bridge / Square meters	85.248	15,054.00		CW2- Construction of Drainage Structure along Road / Lineal meters	18.454	44,159.90	
EA0 -		4,900.00		EA0 -		4,900.00	
Total:		140,000.00		Total:		140,000.00	
Justification: - Change of work component into Construction of Drainage Structure along Road, since its component cost exceeds 10% of the project allocation.							



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

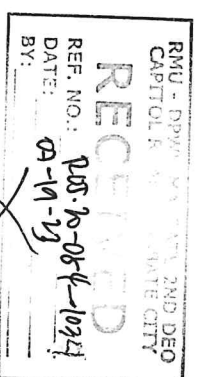
408-3
7/14/23
DATE
FILE NO.
DPWH-2ND DEO
408-3
Manila

July 13, 2023

MEMORANDUM

TO : District Engineer SIMON N. ARIAS
DPWH, Masbate 2nd Engineering Office
Masbate City

SUBJECT : Inclusion of Road Safety Features in Projects with Costing More Than 10%



This is with reference to your memorandum dated January 30, 2023, of Regional Director Virgilio C. Duarte, DPWH Region V, forwarded by the Office of Assistant Secretary for Planning Service Constante A. Llanes, JR., CESO III, seeking approval of projects that includes road safety features costing more than 10% of the total project cost.

On this regard, per evaluation by this Bureau, hereunder are the noted findings/observations of the **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), Balud National Road connecting Barangay Danao in support of Agribusiness, Balud, Masbate**, which is under the jurisdiction of Masbate Second District Engineering Office amounting Php 140,000,000.00:

- a. The center line on a two-lane two-way urban road shall be a broken line with a minimum width of 150mm length of 3.0m spaced at 6.0 m, pedestrian crossing 300mm x 4.0 m length bars spaced 300mm provided with stop line 300mm in width as per existing guidelines of the DPWH Highway Safety Design Standards Part 2: Road Signs and Pavement Markings Manual, 2012 Edition.
- b. The road section, was generally rural and passing thru intermittent sections of residential areas with a series of local junctions along the area. Moreover, upon the review of geotagged photos, it was noted that there is a market where pedestrians tend to become concentrated on certain occasions. Roadway lighting and provision of sidewalk is particularly important where there are high proportions of pedestrians, cyclists or other poorly lit road users.
- c. As per the submitted plan with drawings and details for Item 624 – Solar Streetlight, it is noted to be compliant with D.O. No.19, Series of 2023, Guidelines and Standard Design Drawings for Solar-Powered Roadway Lighting along National Roads and D.O. No. 48, Series of 2023, Supplemental Parameters in Table 2 – Roadway Lighting Stationing and Parameters, D.O. No.19, Series of 2023, Re: Guidelines and Standard


Design Drawings for Solar-Powered Roadway Lighting along National Roads (6 meter high solar-powered roadway lightings poles).

- d. The provision of regulatory, warning and hazard markers (Chevron) signages were noted to be compliant with the existing DPWH Road Safety Manuals, Design Guidelines, Criteria and Specifications.
- e. The submitted geotagged photos are insufficient. Submitted photos were noted taken intermittently and not every 100 meters for section a and b.

In view thereof, hereunder are the recommendations, to wit:

- 1. The provision of pavement markings, streetlighting, regulatory, warning and hazard markers (Chevron) signages were noted to be compliant with the existing DPWH Highway Safety Design Standards Part 1: Road Safety Design Manual and Part 2: Road Signs and Pavement Markings, Design Guidelines, Criteria and Specifications.

Based on the above findings and recommendations, the project is being endorsed to that Office for appropriate action.


SUNNY BOY O. OROPEL
OIC-Director
Bureau of Quality and Safety

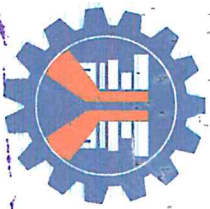
Encl: As stated

cc: Undersecretary MAXIMO L. CARVAJAL
For Information Management and Technical Services

Assistant Secretary CONSTANCE A. LLANES JR., CESO III
Assistant Secretary for Planning Service

Regional Director VIRGILIO C. EDUARTE
DPWH, Regional Office V
Rawis, Legaspi City

15.1.3 MDR/JLA/SBOO



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

JUL 07 2023

MEMORANDUM



FOR :

UNDERSECRETARY MAXIMO L. CARVAJAL
For Information Management and Technical Services
This Department

ATTENTION :

OIC-DIRECTOR SONNY BOY O. OROPEL
Bureau of Quality and Safety
This Department

This has reference to the attached memorandum, dated 30 January 2023, of Regional Director Virgilio C. Eduarte, DPWH Region V, relative to the request for modification, of District Engineer Simon N. Arias, DPWH Masbate 2nd District Engineering Office, for the following project under the **FY 2023 General Appropriations Act, R.A. 11936**:

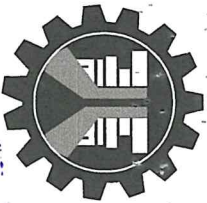
As per GAA	Allocation (Php)	As Modified	Allocation (Php)
Balud National Road connecting Barangay Danao in support of Agribusiness, Balud, Masbate	<u>140,000,000</u>	Balud National Road connecting Barangay Danao in support of Agribusiness, Balud, Masbate	<u>140,000,000</u>
CW1 – Construction of Concrete Road 6.936 Lane KM	120,046,000	CW1 – Construction of Concrete Road 2.386 Lane KM	135,100,000
CW2 – Construction of Concrete Bridge 176.590 Square meters	4,900,000		
EO	4,900,000	EO	4,900,000

In this regard, we are forwarding the said request for your evaluation, recommendation and approval for projects with Miscellaneous Structure costing more than 10% of the total project cost, in reference to attached memorandum dated 06 December 2022, of Secretary Manuel M. Bonoan, this Department, reiterating the memorandum dated 17 October 2022, regarding the inclusion of Road Safety Features in Projects.

Please coordinate your concern and requirements directly with the Implementing Office and submit your report/recommendation to this Office immediately for the processing of the project modification.


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

cc: Undersecretary **ROBERTO R. BERNARDO**, Regional Operations in NCR, Regions III, IV-A, IV-B, V, VI, VII and VIII
Regional Director **VIRGILIO C. EDUARTE**, DPWH Regional Office V, Rawis, Legazpi City
District Engineer **SIMON N. ARIAS**, DPWH Masbate 2nd DEO, Masbate City



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

JUL 07 2023
MEMORANDUM

FOR : **UNDERSECRETARY MAXIMO L. CARVAJAL**
For Information Management and Technical Services
This Department

ATTENTION : **OIC-DIRECTOR SONNY BOY O. OROPEL**
Bureau of Quality and Safety
This Department

This has reference to the attached memorandum, dated 30 January 2023, of Regional Director Virgilio C. Eduarte, DPWH Region V, relative to the request for modification, of District Engineer Simon N. Arias, DPWH Masbate 2nd District Engineering Office, for the following project under the **FY 2023 General Appropriations Act, R.A. 11936:**

As per GAA	Allocation (Php)	As Modified	Allocation (Php)
Balud National Road connecting Barangay Danao in support of Agribusiness, Balud, Masbate	<u>140,000,000</u>	Balud National Road connecting Barangay Danao in support of Agribusiness, Balud, Masbate	<u>140,000,000</u>
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CONSTANTE A. LLANES, JR., CESO III
Assistant Secretary for Planning Service

cc: Undersecretary **ROBERTO R. BERNARDO**, Regional Operations in NCR, Regions III, IV-A, IV-B, V, VI, VII and VIII
Regional Director **VIRGILIO C. EDUARTE**, DPWH Regional Office V, Rawis, Legazpi City
District Engineer **SIMON N. ARIAS**, DPWH Masbate 2nd DEO, Masbate City



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

697.7 DPWH

12.07.2022

DEC 06 2022

MEMORANDUM

**TO : REGIONAL DIRECTORS
DISTRICT ENGINEERS
UPMO CLUSTER HEADS
This Department**

SUBJECT : Reiteration on the Inclusion of Road Safety Features in Projects

This has reference to the Memorandum of the Undersigned dated October 17, 2022, reminding all Implementing Offices to strictly comply with Department Order No. 164, series of 2016, in particular, the inclusion of all necessary essential safety features in projects and also providing guidelines for incorporating safety features during the planning stage. (See "**Annex A**")

Furthermore, the Department Order No. 224, series of 2022, with the subject *Compulsory Inclusion of Road Safety and Traffic Management Plans in all Detailed Engineering Design (DED) for Road and Bridge Plans*, provides guidelines for the inclusion of road safety features and traffic management plan during the preparation of DED. (See "**Annex B**")

Therefore, it is expected of all Implementing Offices to include all necessary essential safety features in their projects and to comply with the above-mentioned guidelines.

For strict compliance.

MANUEL M. BONOAN
Secretary

Department of Public Works and Highways
Office of the Secretary



WIN2Q48335

cc: MANCOM
All Service Directors
All Bureau Directors

4.1.1 ATA/GVC/NRJ