

Project Modification of Allotment under the GAA Request Evaluation Form

Date of Evaluation: 05/17/2024

P/A/P 1 (001, 002, CSSP, LP):	Source:	FY 2024 GAA
ORGANIZATIONAL OUTCOME 1 : Ensure Safe and Reliable National Road System	UACS:	310112100514000
P/A/P 2 (Program):	Project ID:	P00800692LZ
Asset Preservation Program	Region:	Region V
P/A/P 3 (Sub-Program):	Implementing Office:	Catanduanes District Engineering Office
Construction / Upgrading / Rehabilitation of Drainage along National Roads - Tertiary Roads	Appropriation (Php):	25,500,000

Name of Project per GAA:

Jct Bato-Baras Rd - K0015 + 700 - K0016 + 300, K0019 + 000 - K0019 + 501

A Office Justification for Modification:
Implementing

Increase in targets due to addition of new limits to include sections which need immediate repair of cross drainage and restoration of damaged PCP.

A.1 ☒ Certificate of Reasonableness of Cost Estimate

by RD Virgilio C. Eduarte dated 05/02/2024

B. PER PLANNING SERVICE EVALUATION

B.1 ☒ PROJECT MODIFICATION ON PROJECT DESCRIPTION

B.1.1 ☐ Typographical Error/s
B.1.2 ☐ Change in Location (for non-existent locations only)
B.1.3 ☒ Change in Station Limits
B.1.4 ☐ Addition/ Deletion of Word/s

B.2 ☒ PROJECT MODIFICATION/ADJUSTMENTS ON PROJECT COMPONENTS

B.2.1 ☒ Change in Targets
B.2.2 ☐ Change in Scope of Work
B.2.3.1 ☐ Addition of Component (including excess amount)
B.2.3.2 ☐ Deletion of Component
B.2.3.3 ☐ Movement of Funds between Components

C. RESULTANT AFTER MODIFICATION

C.1 ☒ Additional Project Component/s
C.2 Components:

SCOPE OF WORK		TARGET		INCREASE/ DECREASE (%)	
COMP	FROM	TO	FROM	TO	Unit Cost
CW1	Construction of Drainage Structure along Road	1099	Lineal meters	1675	Lineal meters
CW2					-34.39%
CW3					52.41%
ROW					

D. AS EVALUATED

D.1 ☒ ALLOWED as per the GAA Provisions
D.2 ☐ NOT ALLOWED as per the GAA Provisions
D.3 Remarks (to be filled-up by Planning Service):

Certificate of Availability of Funds (CAF) attached.

Evaluated By:

ALEX G. ROTE

Noted By:

CONSTANTE A. LLANES, JR., CESO III

Assistant Secretary, Planning Service

E. Approving Authority as per latest Approved Guidelines on Modification of Allotment under the GAA

E.1 ☐ Secretary

E.2 ☒ Undersecretary for Operations

Recommended for Approval
Remarks:

MARIA CATILINA 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

BAGONG PILIPINAS

Number:	V-U63
Project ID:	P00800692LZ

MEMORANDUM

FOR :

ROBERTO R. BERNARDO, CESO I

Undersecretary for Regional Operations

in NCR, Region III, IV-A, IV-B, V, VI, VII and VIII

This refers to the memorandum dated March 08, 2024 of Regional Director VIRGILIO C. EDUARTE, DPWH, Region V, endorsing the project modification requested by OIC-District Engineer Denis C. Cagomoc, Catanduanes District Engineering Office, under FY 2024 General Appropriation Act (GAA), to wit:

As per GAA/Original	As Modified
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UACS: 310112100514000 Project ID: P00800692LZ ORGANIZATIONAL OUTCOME 1 : Ensure Safe and Reliable National Road System Asset Preservation Program - Construction/ Upgrading/ Rehabilitation of Drainage along National Roads - Tertiary Roads	ORGANIZATIONAL OUTCOME 1 : Ensure Safe and Reliable National Road System Asset Preservation Program - Construction/ Upgrading/ Rehabilitation of Drainage along National Roads - Tertiary Roads
Jct Bato-Baras Rd - K0015 + 700 - K0016 + 300, K0019 + 000 - K0019 + 501	Jct Bato-Baras Rd - K0015 + 700 - K0016 + 300, K0019 + 000 - K0019 + 563, K0009 + 580 - K0009 + 660

Physical Target	Unit Cost (P'000)	Allocation (P'000)	Physical Target	Unit Cost (P'000)	Allocation (P'000)
CW1 - Construction of Drainage Structure along Road - 1099 Lineal meters	22,739	24,990.00	CW1 - Construction of Drainage Structure along Road - 1675 Lineal meters	14,919	24,990.00
EA0 -	510.00	510.00	EA0 -	510.00	510.00
Total:	25,500.00	25,500.00	Total:	25,500.00	25,500.00

Justifications based on the attachments submitted by the Implementing Office:

- Increase in length due to V-type lined canal provided at the mountainous area in which can be easily maintained and more economical.
- Additional limits included in the project for the immediate repair of cross drainage and restoration of damaged PCCP which is necessary to address flooding in the area.
- Attached are the following supporting documents: Certificate of Reasonableness, Approved Program of Works (POW), Detailed Engineering Design (DED), Certificate of Availability of Funds, Geotagged Photos, GIS Map.





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



MEMORANDUM

FOR :

ROBERTO R. BERNARDO, CESO I

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

This refers to the memorandum dated March 08, 2024 of **Regional Director VIRGILIO C. EDUARTE, DPWH, Region V**, endorsing the project modification requested by OIC-District Engineer Denis C. Cagomoc, Catanduanes District Engineering Office, under FY 2024 General Appropriation Act (GAA), to wit:

As per GAA/Original	As Modified
---------------------	-------------

Project Description					
UACS: 310112100514000 Project ID: P00800692LZ		ORGANIZATIONAL OUTCOME 1 : Ensure Safe and Reliable National Road System Asset Preservation Program - Construction/Upgrading/ Rehabilitation of Drainage along National Roads - Tertiary Roads Jct Bato-Baras Rd - K0015 + 700 - K0016 + 300, K0019 + 000 - K0019 + 501 000 - K0019 + 563, K0009 + 580 - K0009 + 660			

Physical Target		Unit Cost (P'000)	Allocation (P'000)	Physical Target		Unit Cost (P'000)	Allocation (P'000)
CW1 - Construction of Drainage Structure along Road		22,739	24,990.00	CW1 - Construction of Drainage Structure along Road		14,919	24,990.00
1099 Linal meters				1675 Linal meters			
EAO -		510.00		EAO -		510.00	
Total:		25,500.00		Total:		25,500.00	

Justifications based on the attachments submitted by the Implementing Office:

- Increase in length due to V-type lined canal provided at the mountainous area in which can be easily maintained and more economical.
- Additional limits included in the project for the immediate repair of cross drainage and restoration of damaged PCCP which is necessary to address flooding in the area.
- Attached are the following supporting documents: Certificate of Reasonableness, Approved Program of Works (POW), Detailed Engineering Design (DED), Certificate of Availability of Funds, Geotagged Photos, GIS Map.



Having complied with all the documentary requirements under Department Order No. 23, series of 2023 and other supplemental guidelines, we are respectfully requesting that the abovementioned project under FY 2024 GAA be modified.

For the Undersecretary's favorable consideration

NERIE D. BUENO, CESO III
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

APPROVED/DISAPPROVED:

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

3.3 GAA/NDB
PROJECT ID: P008006921Z

08/25/23



March 8, 2024

MEMORANDUM

FOR :

Secretary MANUEL M. BONOAN
Department of Public Works and Highways
Bonifacio Drive, Port Area, Manila

THRU :

Undersecretary ROBERTO R. BERNARDO

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

SUBJECT :

Modification Request for Project under the FY 2024 GAA (RA 11975)
for Catanduanes District Engineering Office Implementation

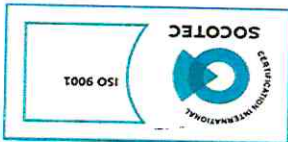
Forwarded is the Memorandum dated March 05, 2024 of OIC-District Engineer Denis C. Cagomoc, Catanduanes District Engineering Office, submitting the proposed modification of the project under ORGANIZATIONAL OUTCOME 1 : Ensure Safe and Reliable National Road System - Asset Preservation Program - Construction/ Upgrading/ Rehabilitation of Drainage along National Roads - Tertiary Roads, included in FY 2024 DPWH Infrastructure Program based on General Appropriations Act (GAA) RA 11975, for Catanduanes District Engineering Office implementation, to wit:

As per GAA/Original As Modified

UACS: 310112100514000 Project ID: P008006921Z ORGANIZATIONAL OUTCOME 1 : Ensure Safe and Reliable National Road System Asset Preservation Program - Construction/ Upgrading/ Rehabilitation of Drainage along National Roads - Tertiary Roads	Jct Bato-Baras Rd - K0015 + 700 - K0016 + 300, K0019 + 000 - K0019 + 501 K0019 + 563, K0009 + 580 - K0009 + 660
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Physical Target	Unit Cost (P'000)	Allocation (P'000)	Physical Target	Unit Cost (P'000)	Estimated Cost (P'000)
CW1 -	22,739	24,990.00	CW1 -	14,919	24,990.00
Construction of Drainage	/ Lineal meters		Construction of Drainage	/ Lineal meters	
Structure along Road			Structure along Road		
- 1099 Lineal meters			- 1675 Lineal meters		
EA0 -	510.00	510.00	EA0 -	510.00	510.00
Total:	25,500.00	25,500.00	Total:	25,500.00	25,500.00

Justification:
- Increase in length due to V-type lined canal provided at the mountainous area in which can be easily maintained and more economical.
- Address limits included in the project for the immediate repair of cross drainage and restoration of damaged PCCP which is necessary to address flooding in the area.



Website: www.dpw.gov.ph
Tel. No.:(052) 201-13-01/ Local No. 53006

Republic of the Philippines
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
REGIONAL OFFICE V
Old Airport Road, Brgy. 40 Cruzada, Legazpi City



Attached are the accomplished Form for Project Modification Request, Approved Programs of Work (POW), Approved Detailed Engineering Design (Plans), Official DPWH Annual Infrastructure Program (Based on General Appropriations Act), Geotagged Photos of relevant road section, and other supporting documents in support to the request.

For favorable consideration.

VIRGILIO C. EDUARTE, CESO III
Regional Director
R05.1/JCJ/KER/CRHC/HPMP



March 05, 2024

MEMORANDUM

FOR : VIRGILIO C. EDUARTE, CESO III

Regional Director
DPWH Regional Office V
Legazpi City

Submitted herewith is the Modification request for project under ORGANIZATIONAL OUTCOME 1 : Ensure Safe and Reliable National Road System - Asset Preservation Program - Construction/ Upgrading/ Rehabilitation of Drainage along National Roads - Tertiary Roads - Jct Bato-Baras Rd - K0015 + 700 - K0016 + 300, K0019 + 000 - K0019 + 501 under the FY 2024 General Appropriations Act (GAA) for your review and approval, to wit:

As per GAA/Original		As Modified	
UACS: 310112100514000 Project ID: P008006921Z	ORGANIZATIONAL OUTCOME 1 : Ensure Safe and Reliable National Road System Asset Preservation Program - Construction/ Upgrading/ Rehabilitation of Drainage along National Roads - Tertiary Roads	ORGANIZATIONAL OUTCOME 1 : Ensure Safe and Reliable National Road System Asset Preservation Program - Construction/ Upgrading/ Rehabilitation of Drainage along National Roads - Tertiary Roads	Jct Bato-Baras Rd - K0015 + 700 - K0016 + 300, K0019 + 000 - K0019 + 501 + 501
Physical Target	Unit Cost (P'000)	Physical Target	Unit Cost (P'000)
CW1 - Construction of Drainage Structure along Road	22,739 / Lineal meters	CW1 - Construction of Drainage Structure along Road	14,919 / Lineal meters
- 1099 Lineal meters		- 1675 Lineal meters	
EAO -	510.00	EAO -	510.00
Total:	25,500.00	Total:	25,500.00
Justification:		Justification:	
- Increase in length due to V-type lined canal provided at the mountainous area in which can be easily maintained and more economical. - Additional limits included in the project for the immediate repair of cross drainage and restoration of damaged PCCP which is necessary to address flooding in the area.		- Increase in length due to V-type lined canal provided at the mountainous area in which can be easily maintained and more economical. - Additional limits included in the project for the immediate repair of cross drainage and restoration of damaged PCCP which is necessary to address flooding in the area.	

Attached are accomplished Form for Project Modification Request, Approved Program of Work (POW), Approved Detailed Engineering Plans, Official DPWH Annual Infrastructure Program (Based on General Appropriations Act), Geotagged Photos and other supporting documents.


DENIS C. CAGOMOC
OIC - District Engineer
R05.18.1 LTE/KTO/RTC/DCC

SUPPORTING DOCUMENTS FOR MODIFICATION
PROJECT ID: P00800692LZ

	Complied	Not Complied	Remarks
Endorsement from the Regional Director	✓		
Modification Request Form V1-2023	✓		
Annex A of Modification Request			
Certificate of Reasonableness	✓		
Geotagged Pictures in accordance with D.O 85 s2020 (if applicable)	✓		
GIS Map	✓	✓	
Certificate of Availability of Fund/Allotment	✓		
Program of Works	✓		
DUPA	✓		
DED Plans	✓		
Certification from LGU (if applicable)			N/A
AIP based from GAA	✓		

Form for Project Modification Request

A. GENERAL

1. REGION	2. DEO	3. LEGISLATIVE DISTRICT
Region V	Catanduanes District Engineering Office	CATANDUANES IONE LEGISLATIVE DISTRICT

B. ORIGINAL PROJECT	C. PROPOSED REVISED PROJECT
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4. UACS (Unified Account Code Structure as defined in GAA)

320112100514000

5. Project ID

P00800692LZ

6. Project Category

ORGANIZATIONAL OUTCOME 1 : Ensure Safe and Reliable National Road System

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

Asset Preservation Program - Construction/ Upgrading/ Rehabilitation of Drainage along National Roads - Tertiary Roads

8. Operating Unit

Catanduanes District Engineering Office

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

Component ID
P00800692LZ-EAO

Type of Work
Construction of Drainage Structure along Road

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

Component ID
P00800692LZ-CW1

Type of Work
Construction of Drainage Structure along Road

10. PROJECT DESCRIPTION (as recorded in GAA)

501
Jct Bato-Baras Rd - K0015 + 700 - K0016 + 300, K0019 + 000 - K0019 +

20. PROJECT DESCRIPTION (of the revised project)

563, K0009 + 580 - K0009 + 660
Jct Bato-Baras Rd - K0015 + 700 - K0016 + 300, K0019 + 000 - K0019 +

21. REVISED ESTIMATED COST (P

25,500

25,500

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

Component ID
P00800692LZ-CW1

Target
1,099,000 Lineal meters

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

Component ID
P00800692LZ-CW1

Target
1,675,000 Lineal meters

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

Component ID
P00800692LZ-CW1

Component Cost
24,990,000 (P'000)

Target Unit Cost
22.739 (P'000/Target Unit)

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

Component ID
P00800692LZ-CW1

Component Cost
24,990,000 (P'000)

Target Unit Cost
14.919 (P'000/Target Unit)

Form for Project Modification Request

A. GENERAL

1. REGION	2. DEO	3. LEGISLATIVE DISTRICT
Region V	Catanduanes District Engineering Office	CATANDUANES LONE LEGISLATIVE DISTRICT

B. ORIGINAL PROJECT

C. PROPOSED REVISED PROJECT

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

310112100514000

5. Project ID

P00800692LZ

6. Project Category

ORGANIZATIONAL OUTCOME 1 : Ensure Safe and Reliable National Road System

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

Asset Preservation Program - Construction/ Upgrading/ Rehabilitation of Drainage along National Roads - Tertiary Roads

8. Operating Unit

Catanduanes District Engineering Office

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

Component ID
P00800692LZ-CW1

Type of Work
Construction of Drainage Structure along Road

P00800692LZ-EAO

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

Component ID
P00800692LZ-CW1

Type of Work
Construction of Drainage Structure along Road

P00800692LZ-EAO

10. PROJECT DESCRIPTION (as recorded in GAA)

501
Jct Bato-Baras Rd - K0015 + 700 - K0016 + 300, K0019 + 000 - K0019 + 563, K0009 + 580 - K0009 + 660

20. PROJECT DESCRIPTION (of the revised project)

Jct Bato-Baras Rd - K0015 + 700 - K0016 + 300, K0019 + 000 - K0019 + 563, K0009 + 580 - K0009 + 660

ALLOTMENT (P '000) (as recorded in GAA)

25,500

21. REVISED ESTIMATED COST (P '000)

25,500

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

☒ YES

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

Component ID
P00800692LZ-CW1

Target
1,099,000 Lineal meters

P00800692LZ-EAO

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

Component ID
P00800692LZ-CW1

Target
1,675,000 Lineal meters

P00800692LZ-EAO

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

Component ID
P00800692LZ-CW1

Component Cost
(P '000)
24,990,000

P00800692LZ-EAO

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

Component ID
P00800692LZ-CW1

Component Cost
(P '000)
24,990,000

P00800692LZ-EAO

Form for Modification Request

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

15. ROAD CLASSIFICATION (if applicable)	Start X	13.624083000	End X	13.640806000
	Start Y	124.330486000	End Y	124.341036000
26. ROAD CLASSIFICATION (if applicable)	Start X	13.624083000	End X	13.640806000
	Start Y	124.330486000	End Y	124.341036000

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

17. PROJECT IMPLEMENTATION PLAN (PIP)
Planned Start Date April 1, 2024
Planned End Date October 15, 2024

28. PROJECT IMPLEMENTATION PLAN (PIP)
Planned Start Date April 1, 2024
Planned End Date October 15, 2024

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)

- increase in length due to V-type lined canal provided at the mountainous area in which can be easily maintained and more economical.
- Additional limits included in the project for the immediate repair of cross drainage and restoration of damaged PCPP which is necessary to address flooding in the area.

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: KAREN T. OBO		Position: Calanduanes District Engineering Office		Date: 05-Mar-24	
Name: ROSANA Y. CAMACHO		Position: Chief, Planning and Design Section		Date: 05-Mar-24	
36. REVIEWED BY DISTRICT OFFICE (If Required)					
Name: VIRGINIO C. EDUARTE, CESO III		Position: Regional Director		Date: 05-Mar-24	
38. REVIEWED BY REGIONAL OFFICE					
Name: DENIS C. CASIMIRO		Position: OIC-District Engineer		Date: 05-Mar-24	
39. RECOMMENDED BY DISTRICT OFFICE (If Required)					
Name: HARLEY PETER M. PARAS		Position: OIC-Chief, Planning and Design Division		Date: 05-Mar-24	
39. RECOMMENDED BY REGIONAL OFFICE					

Form for Project Modification Request

UACS (Unified Account Code Structure as defined in GAA)

310112100514000

Project ID

P008006921Z

40. DPWH OFFICE OF THE UNDERSECRETARIES FOR OPERATIONS USE ONLY

Primary Reason for Request (based on Category of Modification): (choose one)

Category A	Category B	Category C	Category D	Impact
☐ Typographical error on Project Description ☐ Addition/ Deletion of Words	☐ Overlapping Sections of Work ☐ Change in station limits ☐ Change in physical target	☐ No such barangay ☐ No such City/Municipality	☐ Change in (IO) requiring change in the (OU) ☐ No change or decrease in unit cost ☐ 20% or less increase in unit cost ☐ >20% increase in unit cost	

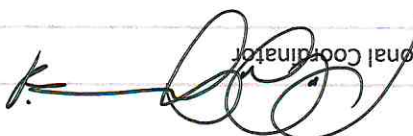
Reviewed by Office of the Undersecretary for Operations

Name:	BENIGNA C. LAFORTEZA
Signature:	
Position:	ENGINEER
Date:	

41. DPWH PLANNING SERVICE OFFICE USE ONLY

☐ Category A - Typographical Errors; Addition/ Deletion of Words ☒ Category B - Change in Station Limits; Change in Target (IN WORDS) ☐ Category C - Change in Location, due to non-existing location ☐ Category D - Change in Operating Unit (requires DBM approval) ☐ Modification does not comply with DBM Categories	Category of Modification (choose one)
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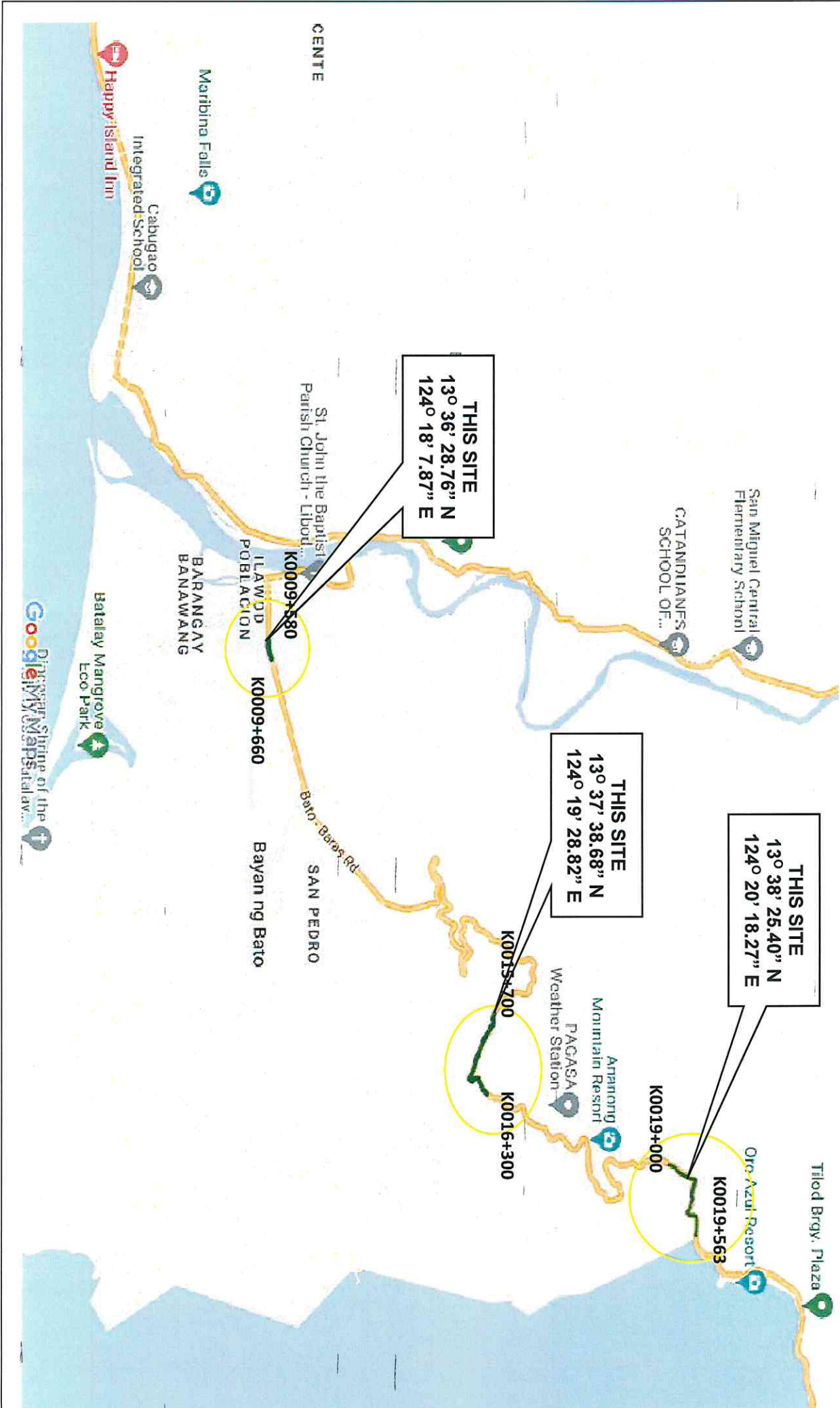
Reviewed by Planning Service

Name:	DENZYL JADE C. ARCAVA-GALENZOGA
Signature:	
Position:	Regional Coordinator
Date:	

Name:	PETER PAUL R. CORTEZ
Signature:	
Position:	Chief, Programming Division
Date:	

*Please refer to the Request Evaluation Form (DPWH-QMSP-03-02 Rev 01) for the complete details of evaluation

Name of Project:	CONST./UPGRADING/REHABILITATION OF DRAINAGE ALONG NATIONAL ROADS-TERTIARY ROADS JCT.BATO
Work to be Done:	BARAS RD, K0015+700- K0016+300, K0019+000-K0019+501 Construction of Drainage Structure along Road



Republic of the Philippines
 DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
CATANDUANES
DISTRICT ENGINEERING OFFICE
 REGIONAL OFFICE V
 Virac, Catanduanes

CATANDUANES DISTRICT ENGINEERING OFFICE	Region/District Office
CONST./UPGRADING/REHABILITATION OF DRAINAGE ALONG NATIONAL ROADS-TERTIARY ROADS JCT.BATO BARAS RD, K0015+700- K0016+300, K0019+000-K0019+501	Name of Project
Construction of Drainage Structure along Road	Work to be done



13°38'26.90" N, 124°20'27.73" E
 February 8, 2024

Submitted by:

Prepared by:

ROSANA T. CAMACHO
 Chief, Planning & Design Section

DENIS C. CAGOMOC
 OIC-District Engineer

Republic of the Philippines
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
CATANDUANES
DISTRICT ENGINEERING OFFICE
REGIONAL OFFICE V
Virac, Catanduanes

Region/District Office	Name of Project	Work to be done
CATANDUANES DISTRICT ENGINEERING OFFICE	CONST./UPGRADING/REHABILITATION OF DRAINAGE ALONG NATIONAL ROADS-TERTIARY ROADS JCT.BATO BARAS RD, K0015+700- K0016+300, K0019+000-K0019+501	Construction of Drainage Structure along Road



13°37'26.70" N, 124°19'49.75" E
February 8, 2024

Prepared by:

ROSANA T. CAMACHO
Chief, Planning & Design Section

DENIS C. CAGOMOC
OIC-District Engineer

Submitted by:



Republic of the Philippines
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
CATANDUANES DISTRICT ENGINEERING OFFICE
Virac, Catanduanes

BAGONG PILIPINAS



CERTIFICATION

This is to certify that funds for the project Jct Bato-Baras Rd – K0015+700 – K0016+300, K0019+000 – K0019+501 under Fund 101101 RA 11975 Regular 2024 (P 25,500,000.00) are still available.
Issued this 12th day of February, 2024 for whatever purpose this may serve.


SHELLY T. SANTELICES
Accountant III



Website: www.dpwh.gov.ph
Tel. No(s): (052) 740 5874



May 2, 2024

CERTIFICATE OF REASONABLENESS OF COST ESTIMATE

Project: Organizational Outcome 1: Ensure Safe and Reliable National Road System – Asset Preservation- Construction/Upgrading/Rehabilitation of Drainage along National Roads – Tertiary Roads Jct. Bato-Baras Rd – K0015+700 – K0016+300, K0019+000 – K0019+501

As per GAA		As per POW	
Scope of Work	Physical Target	Scope of Work	Physical Target
CW1 - Construction of Drainage Structure along Road	1,099.00	CW1 - Construction of Drainage Structure along Road	1675.00
SCOPE OF WORK (Civil Works Only)		AS SUBMITTED	

DESCRIPTION OF WORKS TO BE DONE		TOTAL COST	% TOTAL
Part A: Facilities for the Engineer		96,662.72	0.387%
Part B: Other General Requirements		846,804.27	3.389%
Part C: Drainage Works			
Part C: Earthworks		1,026,181.30	4.106%
Part D: Reinforced Concrete		18,122,333.34	72.518%
Part L-C: Drainage Works		26,025.09	0.104%
Concreting of 601 l.m x 1.50m Shoulder			
Part C: Earthworks		1,241,309.66	4.967%
Part D: Subbase and Base Course		320,593.91	1.283%
Part E: Surface Courses		3,308,849.71	13.241%
Sub Total		24,988,760.00	
Environmental Compliance Fee		1,240.00	0.000%
TOTAL COST		24,990,000.00	100.00%

ORIGINAL UNIT COST

Cost per Lineal meter of project (as per GAA) = $\frac{24,990,000.00}{1,099.00} = 22,738.85$ Php / lineal meter

FOR MODIFICATION

Cost per Lineal meter of project (as per POW) = $\frac{24,990,000.00}{1,675.00} = 14,919.40$ Php / lineal meter

Difference in target as compared to the approved program of works is due to:

- Decrease in unit cost due to increase in target length. The part of the original limit, K0019+00- K0019+501 extended by 62 lineal meter to K0019+000-K0019+563. The V-type Lanal which was used in this section is more economical than the original design, the U Type Covered Canal. V type is more appropriate along landslide prone area for easy declogging and maintenance.
- Decrease in unit cost due to increase in target length. New section was included in the limit of the project to address the immediate repair of collapsed box type culvert crossing the roadway at K009+580- K009+660 which is necessary for the safety of the riding public



Republic of the Philippines
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
CATANDUANES DISTRICT ENGINEERING OFFICE

Virac, Catanduanes



March 4, 2024

CERTIFICATE OF REASONABLENESS OF COST ESTIMATE

Project: Organizational Outcome 1: Ensure Safe and Reliable National Road System - - Asset Preservation-
Construction/Upgrading/Rehabilitation of Drainage along National Roads - Tertiary Roads Jct. Bato-Baras Rd - K0015+700
- K0016+300, K0019+000 - K0019+501

As per NEP		As per POW	
Scope of Work	Physical Target	Scope of Work	Physical Target
CW1 - Construction of Drainage	1,099.00	CW1 - Construction of Drainage	1675.00
Structure along Road	Lineal meters	Structure along Road	Lineal meters
DESCRIPTION OF WORKS TO BE DONE		AS SUBMITTED	
		TOTAL DIRECT COST	% TOTAL
Part A: Facilities for the Engineer		85,240.49	0.334%
B: Other General Requirements		756,551.04	2.967%
Drainage Works			
C: Earthworks		814,429.60	3.194%
D: Reinforced Concrete		14,382,804.24	56.403%
L-C: Drainage Works		20,654.83	0.081%
Concreting of 601 l.m x 1.50m Shoulder			
C: Earthworks		985,166.40	3.863%
D: Subbase and Base Course		254,439.61	0.998%
E: Surface Courses		2,626,071.20	10.298%
Total Direct Cost:		19,925,357.41	
OCM & Profit		3,873,461.42	15.190%
VAT		1,189,941.17	4.666%
EAO		510,000.00	2.000%
Environment Compliance Fee		1,240.00	0.005%
TOTAL COST		25,500,000.00	100.00%

Cost per Lineal meter of project (as 25,500,000.00 = 1,675.00 per POW) = 15,223.88 Php / lineal meter

Difference in target as compared to the approved program of works is due to:

- Increase in length due to V-type lined canal provided at the mountainous area which is easily maintained and more economical.
- Additional limits included in the project for the immediate repair of cross drainage and restoration of damaged PCPP which is necessary to address flooding in the area.

Certified by:

ROSANA T. CAMACHO
Chief, Planning and Design

DENIS C. CAGOMOC
OIC - District Engineer

VIRGILIO C. EDUARTE, CESO III
Regional Director

PROGRAM OF WORK / BUDGET COST

ASSET PRESERVATION PROGRAM/CONSTRUCTION/UPGRADING/REHABILITATION OF DRAINAGE ALONG NATIONAL ROADS

Road n/a

K0019+000-K0019+563, K0009+580-K0009+660

Pavement Width:	n/a
-----------------	-----

JCT. BATO-BARAS ROAD, CATANDUANES

1/2

SECTION 1: K0015+700-K0016+300, SECTION 2: K0019+000-K0019+563, SECTION 3: K0009+580-K00009+666

Category	Shoulder = 1.50
Others	
(c)	
(b)	
Others	

FY 2024 REGULAR INFRA

Target Start Date : _____

Construction of 979 l.m. reinforced concrete lined canal, Construction of 552 l.m. V-Type lined canal, 124 l.m. U-Type lined

No. of Calendar Days to Complete :

[illegible]

DESCRIPTION

BREAKDOWN OF EXPENDITURES:		
	AS SUBMITTED	AS EVALUATED
1. Labor	1,763,906.62	
2. Materials	15,790,901.62	
3. Rental of Equipment	2,370,549.17	
4. Provisional Sum/Daywork	-	
5. OCM and Profit	3,873,461.42	
6. Value Added Tax	1,189,941.17	
7. Eng'g. & Administrative Cost. (2%)	510,000.00	
8. ROW Acquisition	-	
9. Physical Reserved (Contingency)	-	
10. Environmental Compliance Fee	1,240.00	
11. Trees (Furnishing & Transplanting)	-	
11. TOTAL ESTIMATED COST	25,500,000.00	

AS SUBMITTED

BREAKDOWN OF EXPENDITURES:	
	AS SUBMITTED
A. Total Direct Cost	19,925,357.41
B. OCM and Profit	3,873,461.42
C. Value Added Tax	1,189,941.17
D. Total Construction Cost	24,988,760.00
E. Engg. & Administrative Cost (2%)	510,000.00
F. RROW Acquisition	-
G. Physical Reserved (Contingency)	-
H. Environmental Compliance Fee	1,240.00
	-
1. TOTAL ESTIMATED COST	25,500,000.00

CLIPMITTEN

Submitted by:

Recommending Approval

APPROVED

JOSE T. VARGAS

ROSANA T. CAMACHO

MAXIMO/C. ELEDA

DENTS C

ASSET PRESERVATION PROGRAM-CONSTRUCTION/UPGRADING/REHABILITATION - DRAINAGE ALONG NATIONAL ROADS-
TERTIARY ROADS, CONSTRUCTION OF DRAINAGE STRUCTURE ALONG ROAD - ATO-BARAS RD-K0015+700-K0016+300,
K0019+000-K0019+563, K0009+580-K0009+660

ITEMIZED BREAKDOWN

ITEM NO.	DESCRIPTION OF WORK TO BE DONE	QUANTITY		UNIT	TOTAL		DIRECT COST		TOTAL UNIT COST		
		AS SUBMITTED	AS EVALUATED		AS SUBMITTED	AS EVALUATED	AS SUBMITTED	AS EVALUATED	AS SUBMITTED	AS EVALUATED	
											UNIT COST
PART A: FACILITIES FOR THE ENGINEER											
A.1.1 (3)	Construction of Field Office for the Engineer	1.00		l.s.	85,240.49		85,240.49		96,662.72		
TOTAL OF PART A -----					85,240.49						
PART B: OTHER GENERAL REQUIREMENTS											
B.5 (1)	Project Billboard / Signboard	3		each	20,062.29		6,687.43		8,426.16		
B.7 (1)	Occupational Safety and Health Program	1		l.s.	57,482.84		57,482.84		65,185.54		
B.8 (1)	Traffic Management	7.63		mo.	426,036.18		55,812.60		63,291.49		
B.9 (1)	Mobilization / Demobilization	1		l.s.	162,531.94		162,531.94		170,658.77		
B.12 (1)	Removal and Relocation of Utilities	1		l.s.	90,437.79		90,437.79		102,556.89		
TOTAL OF PART B -----					756,551.04						
DRAINAGE WORKS											
PART C: EARTHWORK											
801(4)a3	Removal of Actual Structures/Obstruction,910mm dia.-RCPC	20		l.m.	16,493.00		824.65		1,039.06		
801(6)	Removal of Structures and Obstruction, Concrete	454		cu.m.	756,545.60		1,666.39		2,099.65		
803(1)a	Structure Excavation (Common Soil)	700		cu.m.	41,391.00		59.13		74.51		
TOTAL OF PART C -----					814,429.60						
PART D: REINFORCED CONCRETE											
900(1)i	Structural Concrete Class A @ 28 days	858		cu.m.	7,609,885.14		8,869.33		11,175.36		
902(1)a1	Reinforcing Steel (Deformed) - Grade 40	115,508		kg.	6,687,913.20		57.90		72.95		
902(1)a2	Reinforcing Steel (Deformed) - Grade 60	1,442		kg.	85,005.90		58.95		74.28		
TOTAL OF PART D -----					14,382,804.24						
PART L-C: DRAINAGE WORKS											
1718(1)b3	Pipe Culverts @ 910mmØ, Class IV, RCPC	7		l.m.	20,654.83		2,950.69		3,717.87		
TOTAL OF PART L-C -----					20,654.83						
Concreting of 601 l.m. x 1.50m shoulder @ b/s											
PART C: EARTHWORK											
101(3)b5	Removal of Actual Struct/Obst (PCCP-Unreinforced, 0.28m thk.)	1043		sq.m.	170,843.40		163.80		206.39		
102(2)	Surplus Common Excavation	1,904		cu.m.	296,719.36		155.84		196.36		
102(3)b	Surplus Rock Excavation (Hard)	212		cu.m.	175,035.68		825.64		1,040.31		
104(1)a	Embankment from Roadway/Structure excavation (Common Soil)	55		cu.m.	28,517.50		518.50		653.31		
104(2)a	Embankment from borrow (Common Soil)	262		cu.m.	289,648.86		1,105.53		1,392.96		
105 (1)a	Subgrade Preparation (Common Material)	1,510		sq.m.	24,401.60		16.16		20.36		
TOTAL OF PART C -----					985,166.40						

ASSET PRESERVATION PROGRAM-CONSTRUCTION/UPGRADING/REHABILITATION OF DRAINAGE ALONG NATIONAL ROADS-
 TERTIARY ROADS, CONSTRUCTION OF AINAGE STRUCTURE ALONG ROAD-
 K0019+000-K0019+563, K0009+580-K0009+660 ITO-BARAS RD-K0015+700-K0016+300,

ITEMIZED BREAKDOWN										
ITEM NO.	DESCRIPTION OF WORK TO BE DONE	QUANTITY		UNIT	DIRECT COST		UNIT COST		TOTAL UNIT COST	
					TOTAL				(DIRECT + INDIRECT)	
		AS SUBMITTED	AS EVALUATED		AS SUBMITTED	AS EVALUATED	AS SUBMITTED	AS EVALUATED	AS SUBMITTED	AS EVALUATED
PART D: SUBBASE AND BASE COURSE										
200 (1)	Aggregate Subbase Course	229		cu.m.	254,439.61		1,111.09		1,399.98	
	TOTAL OF PART D -----				254,439.61					
PART E: SURFACE COURSES										
311 (1)e1	Portland Cement Concrete Pavement (Unreinforced), U.28m thk @ 14days	1,510		sq.m.	2,626,071.20		1,739.12		2,191.29	
	TOTAL OF PART E -----				2,626,071.20					
	X-X-X-X-X									
	GRAND TOTAL -----				19,925,357.41					

Prepared by:

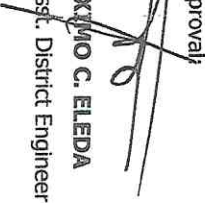
Submitted by:

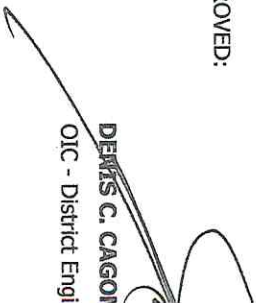
Recommending Approval:

APPROVED:


JOSE V. VARGAS
 Engineer II


ROSANA T. CAMACHO
 Chief, Planning & Design Section


MAXIMO C. ELEDA
 OIC- Asst. District Engineer


DENNIS C. CAGOR
 OIC - District Engi

ASSET PRESERVATION PROGRAM-CONSTRUCTION/UPGRADING/REHABILITATION OF DRAINAGE ALONG NATIONAL ROADS-
TERTIARY ROADS, CONSTRUCTION OF DRAINAGE STRUCTURE ALONG ROAD-JCT BATO-BARAS RD-K0015+700-K0016+300,
K0019+000-K0019+563, K0009+580-K0009+660

CONTRACT DURATION: 229 C

SUMMARY OF APPROVED BUDGET FOR THE CONTRACT

ITEM NO.	DESCRIPTION OF WORK TO BE DONE	ESTIMATED DIRECT COST	TOTAL MARK-UP		VAT (5%)	TOTAL INDIRECT COST
			%	VALUE		
PART A:	FACILITIES FOR THE ENGINEER	As Evaluated As Submitted	8%	6,819.24	4,602.99	11,422.23
PART B:	OTHER GENERAL REQUIREMENTS	As Evaluated As Submitted	8%	49,929.00	40,324.00	90,253.00
DRAINAGE WORKS						
PART C:	EARTHWORK	As Evaluated As Submitted	20%	162,885.92	48,865.78	211,751.70
PART D:	REINFORCED CONCRETE	As Evaluated As Submitted	20%	2,876,560.85	862,968.25	3,739,529.10
PART L-C:	DRAINAGE WORKS	As Evaluated As Submitted	20%	4,130.97	1,239.29	5,370.26
Concreting of 601 l.m. x 1.50m shoulder @ b/s						
101(3)b5	REMOVAL OF ACTUAL STRUCT/OBST. (PCCP-UNREINFORCED, 0.28m thk.)	As Evaluated As Submitted	20%	197,033.28	59,109.98	256,143.26
PART D:	SUBBASE AND BASE COURSE	As Evaluated As Submitted	20%	50,887.92	15,266.38	66,154.30
PART E:	SURFACE COURSES	As Evaluated As Submitted	20%	525,214.24	157,564.27	682,778.51
x-x-x-x-x						
TOTAL COST		As Evaluated As Submitted		3,873,461.42	1,189,940.94	5,063,402.36

Prepared/Submitted by:

ROSANA T. CAMACHO
Chief, Planning and Design Section

Recommending Approval:

MAXIMO C. ELEDA
OIC - Assistant District Engineer

APPROVED:

DENIS C. GAGOMOC
OIC - District Engineer

ASSET PRESERVATION PROGRAM-CONSTRUCTION/UPGRADING/REHABILITATION DRAINAGE ALONG NATIONAL ROADS-
TERTIARY ROADS, CONSTRUCTION OF DRAINAGE STRUCTURE ALONG ROAD-1CT BATO-BARAS RD-K0015+700-K0016+300,
K0019+000-K0019+563, K0009+580-K0009+660

DETAILED BREAKDOWN OF COMPONENT FOR EACH ITEM												
ITEM NO.	DESCRIPTION OF WORK TO BE DONE	%	QTY.	UNIT	DIRECT COST				TOTAL MARK-UP		5% VAT	
					MATERIAL	LABOR	EQUIPMENT	TOTAL	%	VALUE		
PART A: FACILITIES FOR THE ENGINEER												
A.1.1 (3)	Construction of Field Office for the Engineer	As Evaluated										
		As Submitted	0.387	1.00	l.s.	66,925.23	16,650.24	1,665.02	85,240.49	8%	6,819.24	4,602.99
		As Evaluated										
		As Submitted	0.387			66,925.23	16,650.24	1,665.02	85,240.49		6,819.24	4,602.99
TOTAL OF PART A -----												
PART B: OTHER GENERAL REQUIREMENTS												
B.5 (1)	Project Billboard / Signboard	As Evaluated										
		As Submitted	0.101	3.00	each	15,278.43	4,348.95	434.91	20,062.29	20%	4,012.46	1,203.74
B.7 (1)	Occupational Safety and Health Program	As Evaluated										
		As Submitted	0.261	1.00	l.s.	4,984.17	52,498.67	-	57,482.84	8%	4,598.63	3,104.07
B.8 (1)	Traffic Management	As Evaluated										
		As Submitted	1.933	7.63	mo.	280,646.37	104,316.37	41,073.44	426,036.18	8%	34,082.89	23,005.95
B.9 (1)	Mobilization / Demobilization	As Evaluated										
		As Submitted	0.683	1	l.s.	-	-	162,531.94	162,531.94	0%	-	8,126.83
B.12 (1)	Removal and Relocation of Utilities	As Evaluated										
		As Submitted	0.410	1	l.s.	90,000.00	437.79	-	90,437.79	8%	7,235.02	4,883.64
TOTAL OF PART B -----												
DRAINAGE WORKS												
PART C: EARTHWORK												
801(4)a3	Removal of Actual Structures/Obstruction,910mm dia.-RPC	As Evaluated										
		As Submitted	0.083	20.00	l.m.	-	1,080.00	15,413.00	16,493.00	20%	3,298.60	989.58
801(6)	Removal of Structures and Obstruction, Concrete	As Evaluated										
		As Submitted	3.815	454.00	cu.m.	91,027.00	65,816.38	599,702.22	756,545.60	20%	151,309.12	45,392.74
803(1)a	Structure Excavation (Common Soil)	As Evaluated										
		As Submitted	0.209	700.00	cu.m.	-	9,555.00	31,836.00	41,391.00	20%	8,278.20	2,483.46
TOTAL OF PART C -----												
		As Submitted	4.107			91,027.00	76,451.38	646,951.22	814,429.60		162,885.92	48,865.78

ASSET PRESERVATION PROGRAM-CONG TON/UPGRADING/REHABILITATI : DRAINAGE ALONG NATIONAL ROADS-
TERTIARY ROADS, CONSTRUCTION OF DRAINAGE STRUCTURE ALONG ROAD-JCT BATO-BARAS RD-K0015+700-K0016+300,
K0019+000-K0019+563, K0009+580-K0009+660

DETAILED BREAKDOWN OF COMPONENT FOR EACH ITEM												
PART D: REINFORCED CONCRETE												
900(1)i	Structural Concrete Class A @ 28 days	As Evaluated										
		As Submitted	38.371	858.00	cu.m.	6,286,729.02	983,388.12	339,768.00	7,609,885.14	20%	1,521,977.03	456,593.11
902(1)a1	Reinforcing Steel (Deformed) - Grade 40	As Evaluated										
		As Submitted	33.722	115,508.00	kg.	6,030,672.68	452,791.36	204,449.16	6,687,913.20	20%	1,337,582.64	401,274.79
902(1)a2	Reinforcing Steel (Deformed) - Grade 60	As Evaluated										
		As Submitted	0.429	1,442.00	kg.	76,800.92	5,652.64	2,552.34	85,005.90	20%	17,001.18	5,100.35
TOTAL OF PART D -----		As Evaluated										
		As Submitted	72.522			12,394,202.62	1,441,832.12	546,769.50	14,382,804.24		2,876,560.85	862,968.25
PART L-C: DRAINAGE WORKS												
1718(1)b3	Pipe Culverts @ 910mmØ, Class IV, RCP	As Evaluated										
		As Submitted	0.104	7.00	l.m.	9,510.48	6,036.17	5,108.18	20,654.83	20%	4,130.97	1,239.29
TOTAL OF PART L-C -----		As Evaluated										
		As Submitted	0.104			9,510.48	6,036.17	5,108.18	20,654.83		4,130.97	1,239.29
Concreting of 601 l.m. x 1.50m shoulder @ b/s												
PART C: EARTHWORK												
101(3)b5	Removal of Actual Struc/Obst (PCCP-Unreinforced, 0.28m thk.)	As Evaluated										
		As Submitted	0.861	1,043.00	sq.m.	-	6,831.65	164,011.75	170,843.40	20%	34,168.68	10,250.60
102(2)	Surplus Common Excavation	As Evaluated										
		As Submitted	1.496	1,904.00	cu.m.	-	5,140.80	291,578.56	296,719.36	20%	59,343.87	17,803.16
102(3)b	Surplus Rock Excavation (Hard)	As Evaluated										
		As Submitted	0.883	212.00	cu.m.	73,776.00	16,934.56	84,325.12	175,035.68	20%	35,007.14	10,502.14
104(1)a	Embankment from Roadway/Structure Excavation (Common Soil)	As Evaluated										
		As Submitted	0.144	55.00	cu.m.	-	831.60	27,685.90	28,517.50	20%	5,703.50	1,711.05
104(2)a	Embankment from borrow (Common Soil)	As Evaluated										
		As Submitted	1.460	262.00	cu.m.	264,247.96	1,131.84	24,269.06	289,648.86	20%	57,929.77	17,378.93
105 (1)a	Subgrade Preparation (Common Material)	As Evaluated										
		As Submitted	0.123	1,510.00	sq.m.	-	1,087.20	23,314.40	24,401.60	20%	4,880.32	1,464.10
TOTAL OF PART C -----		As Evaluated										
		As Submitted	4.967			338,023.96	31,957.65	615,184.79	985,166.40		197,033.28	59,109.98

**ASSET PRESERVATION PROGRAM-CONSTRUCTION/UPGRADING/REHABILITATION DRAINAGE ALONG NATIONAL ROADS-
TERTIARY ROADS, CONSTRUCTION OF DRAINAGE STRUCTURE ALONG ROAD-JCT BATO-BARAS RD-K0015+700-K0016+300,
K0019+000-K0019+563, K0009+580-K0009+660**

DETAILED BREAKDOWN OF COMPONENT FOR EACH ITEM												
ITEM NO.	DESCRIPTION OF WORK TO BE DONE	%	QTY.	UNIT	DIRECT COST				TOTAL MARK-UP		5% VAT	
					MATERIAL	LABOR	EQUIPMENT	TOTAL	%	VALUE		
PART D: SUBBASE AND BASE COURSE												
200 (1)	Aggregate Subbase Course											
		As Evaluated										
		As Submitted	1.283	229.00	cu.m.	232,238.06	989.28	21,212.27	254,439.61	20%	50,887.92	15,266.3
	TOTAL OF PART D -----											
	As Submitted	1.283			232,238.06	989.28	21,212.27	254,439.61		50,887.92	15,266.3	
PART E: SURFACE COURSES												
311 (1)e1	Portland Cement Concrete Pavement (Unreinforced), 0.28m thk @ 14days											
		As Evaluated										
		As Submitted	13.241	1,510.00	sq.m.	2,268,065.30	28,388.00	329,617.90	2,626,071.20	20%	525,214.24	157,564.2
	TOTAL OF PART E -----											
	As Submitted	13.241			2,268,065.30	28,388.00	329,617.90	2,626,071.20		525,214.24	157,564.2	
X-X-X-X-X												
	As Evaluated											
	As Submitted	100.00			15,790,901.62	1,763,906.62	2,370,549.17	19,925,357.41		3,873,461.42	1,189,941.17	
TOTAL COST -----												

Prepared by:

Submitted by:

Recommending Approval:

APPROVED:


JOSE T. MARGAS
Engineer II


ROSANKI L. CAMACHO
Chief, Planning & Design Section


MAXINO C. ELEDA
OIC - Asst. District Engineer


DENIS C. CAGO
OIC - District Eng



Republic of the Philippines
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
CATANDUANES
DISTRICT ENGINEERING OFFICE
REGIONAL OFFICE No. V
Virac, Catanduanes

ASSET PRESERVATION PROGRAM-CONSTRUCTION/UPGRADING/REHABILITATION OF DRAINAGE ALONG NATIONAL ROADS-
TERTIARY ROADS, CONSTRUCTION OF DRAINAGE STRUCTURE ALONG ROAD-JCT BATO-BARAS RD-K0015+700-K0016+300,
K0019+000-K0019+563, K0009+580-K0009+660

CONTRACT DURATI

APPROVED BUDGET FOR THE CONTRACT										
ITEM NO.	DESCRIPTION OF WORK TO BE DONE	QTY.	UNIT	ESTIMATED DIRECT COST	TOTAL MARK-UP		5% VAT	TOTAL INDIRECT COST	TOTAL COST	
					%	VALUE				
PART D: SUBBASE AND BASE COURSE										
200 (1)	Aggregate Subbase Course	As Evaluated								
		As Submitted	229.00	cu.m.	20%	254,439.61	50,887.92	15,266.38	66,154.30	320.59
		As Evaluated								
TOTAL PART D -----		As Submitted			254,439.61	50,887.92	15,266.38	66,154.30	320.59	
PART E: SURFACE COURSES										
311 (1)e1	Portland Cement Concrete Pavement (Unreinforced), 0.28m thk @ 14days	As Evaluated								
		As Submitted	1,510.00	sq.m.	20%	2,626,071.20	525,214.24	157,564.27	682,778.51	3,308.84
		As Evaluated								
TOTAL PART E -----		As Submitted			2,626,071.20	525,214.24	157,564.27	682,778.51	3,308.84	
X-X-X-X-X										
TOTAL COST -----										
		As Evaluated								
		As Submitted			19,925,357.41	3,873,461.42	1,189,940.94	5,063,402.36	24,988,759	

Submitted by:

ROSANA T. CAMACHO
Chief, Planning and Design Section

Recommending Approval

MAXIMO C. ELEDA
OIC - Assistant District Engineer

APPROVED:

DENIS C. CAGOMO
OIC - District Engineer