

4615 DIC



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

V-166

M1392

**Programming Division Evaluation Sheet**

Name of Project:

Project ID: P00736118LZ

Construction of Bank Protection Structure along Bicol River, Salvacion Section, Bula,  
Camarines Sur

Appropriation: P100,000,000

Date: 03/31/2023

Implementing Office: Camarines Sur 5th District Engineering Office

**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**  
MAY 03 2023

By: \_\_\_\_\_ Time: \_\_\_\_\_  
Control No.: 23-07246  
IDTS No.: 82019

**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

P100,000,000

**D. IMPACT:**

D.1 Condition/s: \_\_\_\_\_ % decrease in unit cost  
\_\_\_\_\_ 5.90 % increase in unit cost  
\_\_\_\_\_ 5.57 % decrease in physical target  
\_\_\_\_\_ % increase in physical target

D.2 ☐ Additional Project Component

D.3 ☒ Certificate of Cost Reasonableness

D.4 Remarks: Change in Project Description from "Bicol River" to "Pawili River"; Certificate from LGU 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 G. BOTE

Director IV, Planning Service

Noted By:

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

ACTION SLIP

Project ID: P00736118LZ

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

FOR SECRETARY MANUEL M. BONOAN OR \_\_\_\_\_

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

**MEMORANDUM**

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

This refers to the Memorandum dated March 15, 2023, of **Regional Director VIRGILIO C. EDUARTE, DPWH Regional Office V**, endorsing the request of **OIC-District Engineer LEOPOLDO A. BARELA, JR.** Camarines Sur 5th 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: 300219101619000 Project ID: P00736118LZ					
CSP: Convergence and Special Support Program			CSP: Convergence and Special Support Program		
Sustainable Infrastructure Projects Alleviating Gaps (SIPAG) – Flood Mitigation Structures protecting Public Infrastructures/Facilities Roads			Sustainable Infrastructure Projects Alleviating Gaps (SIPAG) – Flood Mitigation Structures protecting Public Infrastructures/Facilities Roads		
Construction of Bank Protection Structure along Bicol River, Salvacion Section, Bula, Camarines Sur			Construction of Bank Protection Structure along Pawili River, Salvacion Section, Bula, Camarines Sur		
Physical Target	Unit Cost (P'000)	Allocation (P'000)	Physical Target	Unit Cost (P'000)	Allocation (P'000)
CW1 – Construction of Flood Mitigation Structure 323 Lineal meters	298.762/ Lineal meters	96,500.00	CW1 – Construction of Flood Mitigation Structure 305.00 Lineal meters	316.393 / Lineal meters	96,500.00
EAO –		3,500.00	EAO –		3,500.00
Total:		100,000.00	Total:		100,000.00
Justification:					
<ul style="list-style-type: none"><li>The proposed flood control project is not along Bicol River, but along Pawili River.</li><li>Decrease in physical target was due to increase in unit cost based on the actual site condition. With 12 meters Sheet Piles along Pile Cap and 9 meters along Cut-Off Wall and 6.72 meters Structure Slant height. Attached are the following supporting documents:</li><li>Certificate of Reasonableness of Cost Estimate, Certificate of Availability of Funds, Program of Works, Detailed Unit Price Analysis, Geotagged Photos and Detailed Engineering Design Plan.</li></ul>					


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 Undersecretary'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


  
**MARIA CATALINA E. CABRAL, PH.D., CESO I**  
Undersecretary for Planning  
and Public-Private Partnership Services

**Recommending Approval:**

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

2.6 BCL/RRB

Project ID: P00736118LZ

*Subject to further cost verification & technical  
viability agreement.  
This is a local* **NOTED!**  


**APPROVED/DISAPPROVED**

  
**MANUEL M. BONDON**  
Secretary

Department of Public Works and Highways  
Office of the Secretary



WIN3F07304





MAY 04 2023

MEMORANDUM

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

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

This refers to the Memorandum dated March 15, 2023, of **Regional Director VIRGILIO C. EDUARTE, DPWH Regional Office V**, endorsing the request of **OIC-District Engineer LEOPOLDO A. BARELA, JR.** Camarines Sur 5th 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: <b>300219101619000</b> Project ID: <b>P00736118LZ</b>  CSSP: Convergence and Special Support Program  Sustainable Infrastructure Projects Alleviating Gaps (SIPAG) – Flood Mitigation Structures protecting Public Infrastructures/Facilities Roads			CSSP: Convergence and Special Support Program  Sustainable Infrastructure Projects Alleviating Gaps (SIPAG) – Flood Mitigation Structures protecting Public Infrastructures/Facilities Roads		
Construction of Bank Protection Structure along <b>Bicol River</b> , Salvacion Section, Bula, Camarines Sur			Construction of Bank Protection Structure along <b>Pawili River</b> , Salvacion Section, Bula, Camarines Sur		
Physical Target	Unit Cost (P'000)	Allocation (P'000)	Physical Target	Unit Cost (P'000)	Allocation (P'000)
CW1 – Construction of Flood Mitigation Structure <b>323 Lineal meters</b>	<b>298.762/</b> Lineal meters	96,500.00	CW1 – Construction of Flood Mitigation Structure <b>305.00 Lineal meters</b>	<b>316.393</b> / Lineal meters	96,500.00
EAO –		3,500.00	EAO –		3,500.00
<b>Total:</b>		<b>100,000.00</b>	<b>Total:</b>		<b>100,000.00</b>
Justification: <ul style="list-style-type: none"><li>• The proposed flood control project is not along Bicol River, but along Pawili River.</li><li>• Decrease in physical target was due to increase in unit cost based on the actual site condition. With 12 meters Sheet Piles along Pile Cap and 9 meters along Cut-Off Wall and 6.72 meters Structure Slant height. Attached are the following supporting documents:</li><li>• Certificate of Reasonableness of Cost Estimate, Certificate of Availability of Funds, Program of Works, Detailed Unit Price Analysis, Geotagged Photos and Detailed Engineering Design Plan.</li></ul>					

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 Undersecretary'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

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

Undersecretary for Planning  
and Public-Private Partnership Services

**Recommending Approval:**

  
**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 R. BONOAN**  
Secretary



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

March 15, 2023

**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 included under the FY 2023 GAA (RA 11936) within Camarines Sur 5th Legislative District for Camarines Sur 5th District Engineering Office Implementation**

Forwarded is the Memorandum dated March 06, 2023 of OIC-District Engineer Leopoldo A. Barela, Jr., Camarines Sur 5th District Engineering Office, Sta. Teresita, Baao, Camarines Sur relative to the proposed modification under Convergence and Special Support Program - Sustainable Infrastructure Projects Alleviating Gaps (SIPAG) Flood Mitigation Structures protecting Public Infrastructures/Facilities, included in FY 2023 DPWH Infrastructure Program based on General Appropriations Act (GAA) RA 11936, for Camarines Sur 5th District Engineering Office implementation;

As per GAA/Original			As Modified		
UACS: 300219101619000 Project ID: P00736118LZ Convergence and Special Support Program  Sustainable Infrastructure Projects Alleviating Gaps (SIPAG)Flood Mitigation Structures protecting Public Infrastructures/Facilities			Convergence and Special Support Program  Sustainable Infrastructure Projects Alleviating Gaps (SIPAG)Flood Mitigation Structures protecting Public Infrastructures/Facilities		
Construction of Bank Protection Structure along <u>Bicol River</u> , Salvacion Section, Bula, Camarines Sur			Construction of Bank Protection Structure along <u>Pawili River</u> , Salvacion Section, Bula, Camarines Sur		
Physical Target	Unit Cost (P'000)	Allocation (P'000)	Physical Target	Unit Cost (P'000)	Estimated Cost (P'000)
CW1 – Construction of Flood Mitigation Structure  <del>7920-014</del> Lineal meters 323	<del>12,184</del> 290.762 / Lineal meters  290.762 Lineal meters	96,500.00	CW1 – Construction of Flood Mitigation Structure  – 305 Lineal meters	316.393	96,500.00
EAO –		3,500.00	EAO –		3,500.00
Total:		100,000.00	Total:		100,000.00
Justification:					
-The proposed flood control project is not along Bicol River, but along Pawili River. - Decrease in physical target was due to increase in unit cost based on the actual site condition. With 12 meters Sheet Piles along Pile Cap and 9 meters along Cut-Off Wall and 6.72 meters Structure Slant height.					



Attached are accomplished Form for Project Modification Request, Approved Programs of Work (POW), Approved Detailed Engineering Details (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/EMV/ACL/BMF 



Republic of the Philippines  
Province of Camarines Sur  
Municipality of Bula  
**Barangay SALVACION**



**OFFICE OF THE PUNONG BARANGAY**

**C E R T I F I C A T I O N**

This is to certify that Bicol River did exist but doesn't exist in Barangay Salvacion, Bula, Camarines Sur in lieu Pawili River exist in our area of jurisdiction.

This certification is being issued to the Department of Public Works and Highways, Camarines Sur 5<sup>th</sup> DEO for record and reference purposes.

Signed this 28<sup>th</sup> day of March, 2023 at Barangay Salvacion, Bula, Camarines Sur.

Attested by:

*CPS Raña*  
**ANITA DS. RAÑA**  
Barangay Secretary

Approved by:

*Erwin B. Raña*  
**ERWIN B. RAÑA**  
Punong Barangay



## Form for Project Modification Request

### A. GENERAL

<b>1. REGION</b>	<b>2. DEO</b>	<b>3. LEGISLATIVE DISTRICT</b>
Region V	Camarines Sur 5th District Engineering Office	Camarines Sur 5th Legislative District

### B. ORIGINAL PROJECT

### C. PROPOSED REVISED PROJECT

<b>4. UACS</b> (Unified Account Code Structure as defined in GAA) 300219101619000																																						
<b>5. Project ID</b> P00736118LZ																																						
<b>6. Project Category</b> Convergence and Special Support Program																																						
<b>7. P/A/P</b> Sustainable Infrastructure Projects Alleviating Gaps (SIPAG) - Flood Mitigation Structures protecting Public Infrastructures/Facilities																																						
<b>8. Operating Unit</b> Central Office		<b>18. Operating Unit</b> (Change subject to DBM approval) Central Office																																				
<b>9. Type of Work</b> (Enter Details for all Components below) <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Component ID</th> <th>Type of Work</th> </tr> </thead> <tbody> <tr> <td>P00736118LZ - CW1</td> <td>Construction of Flood Mitigation Structure</td> </tr> <tr> <td>P00736118LZ - EAO</td> <td></td> </tr> </tbody> </table>		Component ID	Type of Work	P00736118LZ - CW1	Construction of Flood Mitigation Structure	P00736118LZ - EAO		<b>19. Type of Work</b> (Enter Details for all Components below) <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Component ID</th> <th>Type of Work</th> </tr> </thead> <tbody> <tr> <td>P00736118LZ - CW1</td> <td>Construction of Flood Mitigation Structure</td> </tr> <tr> <td>P00736118LZ - EAO</td> <td></td> </tr> </tbody> </table>	Component ID	Type of Work	P00736118LZ - CW1	Construction of Flood Mitigation Structure	P00736118LZ - EAO																									
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<b>10. PROJECT DESCRIPTION</b> (as recorded in GAA) SIPAG – Flood Mitigation Structures protecting Public Infrastructures/Facilities – Construction of Bank Protection Structure along Bicol River, Salvacion Section, Bula, Camarines Sur		<b>20. PROJECT DESCRIPTION</b> (of the revised project) SIPAG – Flood Mitigation Structures protecting Public Infrastructures/Facilities – Construction of Bank Protection Structure along Pawili River, Salvacion Section, Bula, Camarines Sur																																				
<b>11. ALLOTMENT (P '000)</b> (as recorded in GAA) <div style="text-align: right;">100,000,000</div>		<b>21. REVISED ESTIMATED COST (P '000)</b> (Equal to, or lower than GAA allotment) <div style="text-align: right;">100,000,000</div>																																				
<b>22. CAF</b> (To be obtained from Financial Management office) <input checked="" type="checkbox"/> YES																																						
<b>12. PHYSICAL TARGET</b> (Enter Details for all Components below) <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Component ID</th> <th>Target</th> <th>Target Unit</th> </tr> </thead> <tbody> <tr> <td>P00736118LZ - CW1</td> <td>323.000</td> <td>Lineal meters</td> </tr> <tr> <td>P00736118LZ - EAO</td> <td></td> <td></td> </tr> </tbody> </table>		Component ID	Target	Target Unit	P00736118LZ - CW1	323.000	Lineal meters	P00736118LZ - EAO			<b>23. PHYSICAL TARGET</b> (Enter Details for all Components below) <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Component ID</th> <th>Target</th> <th>Target Unit</th> </tr> </thead> <tbody> <tr> <td>P00736118LZ - CW1</td> <td>305.000</td> <td>Lineal meters</td> </tr> <tr> <td>P00736118LZ - EAO</td> <td></td> <td></td> </tr> </tbody> </table>	Component ID	Target	Target Unit	P00736118LZ - CW1	305.000	Lineal meters	P00736118LZ - EAO																				
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## Form for Modification Request

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

Start X                      13.47141      End X                      13.47402

Start Y                      123.28221      End Y                      123.28254

**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)

Start X                      13.47141      End X                      13.47402

Start Y                      123.28221      End Y                      123.28254

**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)

Camarines Sur 5th District Engineering Office

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

Camarines Sur 5th District Engineering Office

**17. PROJECT IMPLEMENTATION PLAN (PIP)**

Planned Start Date                      Planned End Date

**28. PROJECT IMPLEMENTATION PLAN (PIP)**

Planned Start Date                      Planned End Date

**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)

- The proposed flood control project is not along Bicol River, but along Pawili River.
- Decrease in physical target was due to increase in unit cost based on the actual site condition. With 12 meters Sheet Piles along Pile Cap and 9 meters along Cut-Off Wall and 6.72 meters Structure Slant height.

**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:	ARA ANGELA M. AVILA	Position:	Engineering Assistant
Office:	Camarines Sur 5th District Engineering Office	Date:	

### 36. REVIEWED BY DISTRICT OFFICE (If Required)

### 38. REVIEWED BY REGIONAL OFFICE

Name:	JOSE P. GONZAGA	Name:	BRIGILDO M. FABIA
Position	Chief, Planning and Design Section	Position	Chief, Planning and Design Division
Date:		Date:	

### 36. RECOMMENDED BY DISTRICT OFFICE (If Required)

### 39. RECOMMENDED BY REGIONAL OFFICE

Name:	LEOPOLDO A. BARELA, JR.	Name:	VIRGILIO C. EDUARTE, CESO III
Position	District Engineer	Position	Regional Director
Date:		Date:	



## Form for Project Modification Request

UACS (Unified Account Code Structure as defined in GAA)

300219101619000

Project ID

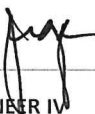
P00736118LZ

### 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
<input type="checkbox"/> Typographical error on Project Description	<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"/> No Change or decrease in unit cost  <input type="checkbox"/> 20% or less increase in unit cost  <input type="checkbox"/> > 20% increase in unit cost

### Reviewed by Office of the Undersecretary for Operations

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

### 41. DPWH PLANNING SERVICE OFFICE USE ONLY

Category of Modification (choose one)	<input checked="" type="checkbox"/> Category A - <del>Typographical Errors</del> <b>ADD/DELETE WORK</b> , <b>INCREASE IN TARGET</b> <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"/> Modification does not comply with DBM Categories
--	---

### Reviewed by Planning Service

Name:	DENZYL JADE C. ARAYA-GALENZOGA	Name:	PETER PAUL R. CORTEZ
Signature:		Signature:	
Position:	Regional Coordinator	Position:	Chief, Programming Division
Date:		Date:	

# PROJECT IMPACT ANALYSIS FOR FLOOD CONTROL/DRAINAGE PROJECTS


Name of Project	: Construction of Bank Protection Structure along Pawili River, Salvacion Section, Bula, Camarines Sur
Description	: Flood Mitigation Structures protecting Public Infrastructures/ Facilities
Goals/Objectives	: To improve flood risk reduction in the future and prevent widespread damages.
Location	: Salvacion Bula, Camarines Sur
Project Cost	: P100,000,000.00

INDICATORS	WITHOUT THE PROJECT	WITH THE PROJECT	REMARKS
1 . Flood Return Period	1:25 Flood Depth: 2 - 3m.	1:50 Flood Depth: 0.5 - 1m.	Source: Google earth pro
2 . Inundation Area(approx.sq.km)(approx. sq.km.)	Catchment Area (sq.km) : 5.13	1.93 sq.km.	Sources: Based on observation/interviews.
3 . Inundation Period	120 hrs.	96 hrs.	Sources: Based on interviews.
4 . Affected/Protected Population	500 households	210 households	Sources: Based on interviews.
5 . Flood Damage (Type & Number of Structures, properties or crops, estimated worth of damages if flood control structures is not built.)	Agricultural Products: P 80,000,000.00 Commercial Buildings: 30-40	Damages will be minimal.	
6 . Flood Control Structures/s built or to be built for the last 10 years. a. River Walls b. Revetment c. Dikes d. Channels e. Spurdikes f. Others	Without the revetment, the municipality and the affected barangay will not be progressive	The municipality, the affected barangay and the neighboring barangay will be progressive. With the project we will attain zero/minimum death or damages to properties, infrastructure and crops/goods.	Urgently needed for mitigation measures in order to protect the community. Immediate release of funds and construction of flood control will protect and prevent further damages of the residential houses, school buildings, crops, livestock and roads.
7 . If dredging, volume and location of spoil site (cu.m.)		855.00 cu.m.	Sources: Based on DED plans/POW.

Inspected By:

Submitted By:

  
JOSE P. GONZALES  
Chief, Planning and Design Section

  
LEOPOLDO A. PARELA, JR.  
OIC-District Engineer

ANNEX "A"