

**Republic of the Philippines  
Province of Bohol  
Municipality of Candijay**

**COMPREHENSIVE PROJECT PROFILE**

**I. PROJECT DESCRIPTION**

1. Project Title : **Soil and Water Conservation thru Rehabilitation of Gabayan Communal Irrigation System(Gabayan CIS)**
2. Project Type : Capital Forming
3. Project Components :
  - a. Concrete Canal Lining
  - b. Installtion of Steel Gates and Turn-outs
  - c. Earth Works
4. Project Location : Barangays Tubod, Lungsoda-an, San Isidro, Boyo-an and Poblacion

**II. PROJECT STATUS**

1. Proposed Project

Rehabilitation of Gabayan CIS by concreting the existing earth canals and installation of steel gates and turn-outs

2. Status of Project Preparation

Project Idea

3. Investment Programming

For Local/Foreign funding

### III. PROJECT JUSTIFICATION

Gabayan Communal Irrigation System is an irrigation system co-managed by the LGU and a Peoples Organization(PO), the Gabayan Irrigators Service Association (GISA). It serves the rice paddies of Barangays Tubod, Lungsoda-an, San Isidro, Boyo-an, Poblacion, La-Union, Pagahat and Panadtaran with an aggregate area of Four Hundred Fifty(450) hectares.

Irrigation water is distributed by an existing canal with the following categories and status to wit:

Canal Category	Present Status	Length (meters)
1. Main Canal	Concrete Lined	200
	Earth lined	1,200
2. Lateral Canal	Concrete Lined	2,000
	Earth lined	8,000

Given the present situation, water management is a hard task on the part of the LGU and PO. A big wastage of water will cause inadequacy of irrigation water that could not reach the extremities of the service area especially during dry season. Fill-up portion of the main canal is frequently damaged during rainy season due to landslide and soil erosion.

Inadequate water and uncontrolled flooding during dry and wet season respectively contributes the low production of rice in the said area. Majority of the population are marginal rice farmers who are depending on the produce of their farms. Considering the high cost of farm inputs, rice farming could be a losing enterprise without enough supply of water from vegetative to reproductive stage.

With the concreting of the earth canals and installation of steel gates and turn-outs, wastage of water can be minimized whereby maximize the coverage of service area that can benefit the low income rice farmers. Hence this project is conceived.

## 2. Project Linkages

- Provincial Agriculture Office(PAO)
- Local Government Unit( LGU)
- Barangay Officials
- National Irrigation Administration(NIA)
- Peoples Organizations(Pos)

## 3. Project Objectives

### General Objectives

- To minimize wastage and maximize use of irrigation water thru the concreting of earth canals and installation of durable control gates and turn-outs.

### Specific Objectives

- Increase productivity of rice in the target barangays by providing adequate irrigation water through the cropping season
- Increase coverage of irrigated area due to maximum utilization and controlled water distribution

## 4. Sectoral Objectives

- To increase food sufficiency, alleviate poverty and increase income and employment

## 5. Regional/National Objective

- This project will support the national program of poverty alleviation and food adequacy.

## **IV. PROJECT FINANCING**

### 1. Funds Needed: Php 3.0 million

## 2. Project Financing

Item	Scope of Work/Description	Quantity	Cost
1	Concreting of Main Canal	1,200 meters	Php 2,400,000.00
2	Installation of Steel Gates and turn-outs	5 units	200,000.00
3	Earthworks	1,000 cu. m	400,000.00
	Total		Php 3,000,000.00

## 3. Funding Source

- Any interested local or foreign funding institution

## 4. Counterpart Funding :

The LGU and PO will provide a minimum of 10 % cash equity to total project cost on top of non cash equity such as labor, equipment , manpower, and operational support .

## V. PROJECT BENEFITS AND COSTS

### 1. Beneficiaries

The beneficiaries of the project are identified the most deprived farmer families of the above-mention barangays based on the recent LPRAP survey.

### 2. Benefits

Water and soil conservation can be achieved with the introduction of said interventions . Soil fertility can be maintained or increased with the control of flooding in the rice paddies. Increased rice production can also be attained by giving adequate water supply throughout the cropping season.

## VI. PROJECT IMPLEMENTATION

### 1. Responsible Agencies

The project will be implemented by the LGU thru the Municipal Engineering Office(MEO) in coordination with the Municipal Agriculture Office(MAO)Barangay Officials and Peoples Organization in the project site.

### 2. Implementation Schedule

Activity	Time Frame	Responsible Office/Person
1. Fund Sourcing/Negotiation	October to Dec. 2006	MPRAT/LCE
2. Preliminary Eng'g and Design	Jan. to March , 2007	MPDO/MEO
3. Project Implementation	April to June, 2007	MEO/MAO/PO
4. Monitoring and Evaluation	April to July, 2007	MPDO

### 3. Administrative Feasibility

The project will be implemented by the Local Government Unit of Candijay thru the Municipal Engineering Office (MEO). LGU owned heavy equipments will be utilized as counterpart of the project.

### 4. Social Acceptability

The Project have positive benefits direct to the farmers of said barangays hence no opposition is expected.

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