

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

**Comprehensive Project Profile**

**I. PROJECT DESCRIPTION**

1. Project Title : **Improving Access to Potable Drinking Water for Upland Dwellers**
2. Project Type : Technical Assistance and Capital-forming
3. Project Components:
  - a. Water Source Assessment
  - b. Preliminary Engineering
  - c. Construction of Water and Sanitation facilities
  - d. Monitoring and Evaluation
4. Project Location : Barangays Luan, Anoling and Tubod.

**II. PROJECT STATUS**

Proposed Project

**III. PROJECT JUSTIFICATION**

**1. Project Background and Relevance to the Local Poverty Reduction Action Plan (LPRAP)/Poverty Database and Monitoring System (PDMS)**

The existing water system, currently serving the two upland barangays of Candijay, is located at Barangay Luan, the elevation of which is nearly level with respect to the service area. The source of water is a spring located at the foot of the timberland, a portion of which is utilized by marginal farmers to irrigate their rice fields. During dry season, water discharge usually slows down and cannot meet the water demand of the present population. On the other hand, the water turns turbid during the rainy season. This situation presents a two-fold problem to the local communities: water scarcity during summer, and increased risk of water-borne diseases during the rainy season. There is, therefore, a need to look for an alternative water source that both provides more volume, and assures a supply of water that is safe and potable.

Existing facilities include a concrete intake box at source, a 1,500 linear meters of 2-inch diameter G.I. transmission pipes from source to reservoir,

a 4,000 gallon capacity concrete ground reservoir, and distribution pipelines 1,000 linear meters 2 inch diameter PVC pipes.

The table below, lifted from the Local Poverty Reduction Action Plan (LPRAP)/Poverty Database and Monitoring System (PDMS), shows that Anoling (one of the target areas of this proposed project) is, as of this partial list, the third most deprived barangay in terms of access to potable drinking water.

**Municipality of Candijay**

Rank	Barangay	Year	No. of Households	No. of Households with Non Potable/Doubtful Drinking Water	Percentage of Households with Non Potable/Doubtful Drinking Water
1	Cambane	2006	96	28	29.17 %
2	Mahangin	2006	173	22	12.72 %
3	Anoling	2006	244	20	8.20 %
4	Abihilan	2006	211	17	8.06 %
5	Pagahat	2006	78	4	5.13 %
6	Canawa	2006	253	11	4.35 %
7	Tawid	2006	226	5	2.21 %
8	Poblacion	2006	705	13	1.84 %
9	Boyoan	2006	73	0	0.00 %
10	Can-olin	2006	158	0	0.00 %
11	Tugas	2006	289	0	0.00 %
	<b>Total</b>		<b>2506</b>	<b>120</b>	<b>4.79 %</b>

*(Note: The above table presents data for only a partial list of the barangays of Candijay for the year 2006. Some barangays are not included in this list as yet.)*

This proposed project aims to specifically address that deprivation. It is also worthy to note that about 4.93% of Candijay's total number of households do not have access to potable water. This project allows the Local Government Unit, with the assistance from donor agencies, to respond to this particular need of the public.

The following project activities are planned:

1. Conduct water source assessment and look for an alternative water source that meets standards of water quality and potability;
2. Conduct chemical analysis of potential sources to determine potability; and
3. Redesign pipelines to meet future water demand of the service area at least ten (10) years from now.

#### **Relevance to the Millennium Development Goals (MDGs)**

Deprivation of access to potable water arguably falls under Goal 1 of the MDGs, which is about eradicating extreme poverty and hunger. Certainly, lack of access to safe, potable water needs to be addressed if local

governments around the world are to uplift poverty conditions of their constituent communities.

### Project linkages

Water is life. It greatly affects the socio-economic conditions of our constituents especially in the rural areas. Improved access to potable drinking water will minimize the occurrence of water-borne diseases (e.g. diarrhea, skin diseases, kidney infections, etc.). The project is in consonance with PGMA's Ten-Point Agenda, which includes ensuring the provision of potable water to all barangays in the country.

### Project Objectives

- **Main objective.** To provide safe and potable water to the present population, which are mostly marginal farmers and low income groups;
- **Secondary objectives.**
  - To provide opportunities for additional livelihoods like backyard livestock raising, gardening and other economic activities that utilize water; and
  - To reduce the occurrence of water-borne diseases, especially among vulnerable groups (children and the aged).

### Sectoral Objectives

Implementation of the project will contribute the water sector's target of providing 100% water supply throughout the entire country. The Social (Health) sector will also be aided by this proposed project through the reduction of water-borne diseases.

## IV. PROJECT FINANCING

1. Funds Needed : PhP 2.0 million

2. Project Financing

Activities	Cost	Source of Fund
1. Water Source Assessment	Php 20,000.00	LGU counterpart
2. Preliminary Engineering	130,000.00	LGU counterpart
3. Construction of Water and Sanitation Facilities		
a. Materials	1,300,000.00	Donor assistance
b. Labor	450,000.00	LGU counterpart
<b>Total Project Cost</b>	<b>Php 2,000,000.00</b>	

3. Funding Source : 70% of the total project cost will be Donor Assistance
4. Counterpart Funding : The LGU will commit cash and non-cash counterpart equivalent to 30% of the project cost.

**V. PROJECT BENEFITS AND COST**

1. Beneficiaries: Marginal farmer families of Barangays Luan (150 households), Anoling (244 households), and Tubod (182 households).
2. Social Benefits: Access to safe and potable water
3. Economic Benefits: Increased opportunity for additional livelihood at the household level (backyard gardening and livestock raising)
4. Social costs : None
5. Economic costs : None

**VI. PROJECT IMPLEMENTATION**

1. Responsible Agencies : The project will be implemented by the Municipal Engineer's Office in coordination with the Municipal Integrated Water Resource Management Team.
2. Legal and Political Feasibility: No Opposition
3. Environmental Clearance: CNC to be applied at DENR-EMB
4. Social acceptability : Highly acceptable

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