

Republic of the Philippines
PROVINCE OF BOHOL
Municipality of Sevilla

COMPREHENSIVE PROJECT PROFILE

1. PROJECT DESCRIPTION

1.1 PROJECT TITLE

**Bugwak Spring Waterworks System – Providing Potable Water for
barangay Magsaysay**

1.2 PROJECT TYPE

Capital Forming project

1.3 PROJECT COMPONENTS

- 1.3.1 Chlorination and Filtration Plant
- 1.3.2 Pipes Laying up to Barangay Magsaysay only
- 1.3.3 Institutional Phase – Forming Beneficiaries into Organization.

1.4 PROJECT LOCATION / AREA COVERAGE

The proposed waterworks project is located at Barangay Magsaysay, Sevilla, Bohol. Expected coverage area is the whole municipality of Sevilla, However, with this request barangay Magsaysay will be the only barangay to be covered.

2. PROJECT STATUS

The aforesaid project is on-going. The water source is already developed and a concrete reservoir was already constructed. We target barangay Magsaysay to be the first barangay to be covered because of the proximity of water source to said barangay. Moreover, barangay Magsaysay ranks number one in the most deprived barangays in accessing potable water supply.

3. PROJECT JUSTIFICATION

3.1 PROJECT BACKGROUND

Sevilla is located in the interior part of the province of Bohol which is basically agricultural. It has a total land area of 7,707 hectares and has 13 barangays. Of the 13 barangays, only barangay Cambagui and Calingan Norte are presently served by an existing Submersible Pump Waterworks System. The rest of the barangays are deprived of a

sufficient supply of potable water which is very important and has a direct effect to the health and economic aspect of the constituents. Insufficient water supply is always been identified as the main cause of water borne diseases, poor sanitation and low agricultural production. Moreover LPRAP survey results reveal that 349 households or 18.60% are using non-potable or doubtful drinking water.

It is by these precepts that the "Bugwak Spring" located at Barangay Magsaysay of this municipality which has an estimated water discharge of 10,000 liters/second is being eyed to be developed in order to put an end to this perennial problem of insufficiency of potable water for the constituents. This proposal when realized will provide potable water to barangay Magsaysay the largest and second most populated barangay of this municipality.

3.2 PROJECT LINKAGES

Said project is in conformity with the Municipal Development Plan of Sevilla, Bohol and the Bohol Water Supply, Sanitation and Sewerage Sector Master Plan.

3.3 PROJECT OBJECTIVES

The proposed Bugwak Spring Waterworks Development project will respond to the water needs of its constituents of barangay Magsaysay. This will eliminate the occurrence of water borne diseases, improve sanitation and will boost agricultural productivity in the area.

3.4 SECTORAL OBJECTIVES

- 3.4.1 To improve health and sanitation of barangay Magsaysay by providing access to safe water.
- 3.4.2 To develop new water sources and expand transmission lines to meet increasing demand.
- 3.4.3. To increase agricultural production.
- 3.4.4. To increase the per capita income of farmers.

3.5 COMPATIBILITY TO PHYSICAL PLAN

- 3.5.1 The project will be in consonance to the Comprehensive Land Use Plan (CLUP) of the municipality in the provision of ample water supply for agriculture, health and industry.
- 3.5.2 The project is in line with the Philippine Development Plan which features the strengthening of the national will and the capabilities for self-reliance through a conscientious effort to raise productivity thereby attaining self-sufficiency.

4. PROJECT FINANCING

4.1 FUNDS NEEDED

Funds needed to provide potable water to barangay Magsaysay is THREE MILLION (P 3,000,000.00) broken down as follows:

ACTIVITIES	AMOUNT
I. Installation of Hypo-Chlorinating Machine Complete with building and accessories	P 200,000.00
II. 989 pcs. PVP Pipes 100mm x 6m. with O – ring	P 2,798,870.00
	=====
T O T A L	P 2,998,870.00
S A Y	P 3,000,000.00

4.2 PROJECT FINANCING

Water Source Development and Concrete Water Reservoir were already constructed with the funds coming from the Provincial Government of Bohol and CDF of Congressman Eladio M. Jala and Congressman Edgardo Chatto of 1st district, respectively.

Expenses for Hypo-Chlorination Installation and pipe laying up to the center of barangay Magsaysay is still to be sourced out.

4.3 FUNDING SOURCE

For fund sourcing.

4.4 COUNTERPART FUNDING

The provincial government has already spent the amount of ONE MILLION PESOS (P 1,000,000.00) as a provincial counterpart of the project. Said amount was used for water source development, purchase of two (2) units of 15 hp.-Gould Pumps and the construction of a concrete water reservoir. The local government unit of Sevilla, Bohol has likewise spent an amount of FIVE HUNDRED THOUSAND PESOS (P 500,000.00) for the rehabilitation of the access road leading to the project site as its local counterpart for the aforementioned project.

4.5 FINANCIAL VIABILITY

Bugwak Spring Waterworks System Project is expected to be financially viable. It is an undisputed fact that water is one of the basic needs of man, which must be sufficiently afforded to all constituents. However, beneficiaries have also the responsibility in the prompt payment of monthly bills to maintain the system plus a marked-up profit that will be used for further repairs and expansion.

5. PROJECT BENEFITS AND COSTS

5.1 BENEFICIARIES

The direct beneficiaries of the project is barangay Magsaysay with an estimated population of 1,100 and is consist of 180 households. Latest survey reveals that barangay Magsaysay is the most deprived barangay of this municipality in terms sufficiency of potable water supply.

5.2 SOCIAL BENEFITS

The proposed Bugwak Spring Waterworks System Project would bring about desirable outcome to the populace in the area. This would surely improve the health and sanitation of the target beneficiaries. Moreover, the direct beneficiaries of this project who are mostly farmers will be motivated to develop and cultivate their lands as year-round water source will be afforded to them.

5.3 ECONOMIC BENEFITS

The year-round water supply as a result of the realization of the project would encourage our target beneficiaries who are mostly farmers to engage in other economically useful activities such as backyard gardening, hog raising, poultry raising and the like. These activities would help augment the meager income of our farmers thus resulting to the upliftment of their living conditions.

5.4 SOCIAL COST

Minimal unwanted effects of the projects are experienced only during the construction phase. Noise and slight pollution may be experienced only during the delivery of materials to the project site. However, this maybe less felt because the proposed water source where most of the activities will be conducted is located in areas with no inhabitants at all and is very far from the built-up areas.

5.5 ECONOMIC COST

There are no perceived problems that this project may have an effect to our economy. Most of the time, a waterworks project such as this is always socially, economically and environmentally friendly.

6. PROJECT IMPLEMENTATION

6.1 RESPONSIBLE AGENCIES

In the advent of local autonomy, and following the essence of decentralization, Local Government Units (LGU's) which are now equipped with Technical Personnel such as Municipal Engineer,

Draftsman, Foreman and the like are encouraged to undertake and manage a project. In advocacy, the Bugwak Spring Waterworks Development will be directly implemented by the local government unit of Sevilla, Bohol upon close supervision and monitoring by the Provincial Engineer's Office (PEO).

6.2 IMPLEMENTATION SCHEDULE

The implementation schedule will follow after the acquisition of the funds for the project. The schedule of implementation will be furnished immediately to the funding donor/agencies and to the monitoring agency before the start of the project.

6.3 LEGAL AND POLITICAL FEASIBILITY

The project has no identified legal obstacle and political opposition.

6.4 ENVIRONMENTAL CLEARANCE

Environmental Clearance and Water Rights Permit will be secured from DENR if needed.

6.5 SOCIAL ACCEPTABILITY

The Bugwak Spring Waterworks development is a long cherished dream of our constituents of barangay Magsaysay in order to solve the perennial problem of insufficiency of potable water supply particularly during summer season hence, opposition coming from various sectors is remote. Moreover, all the barangays of this municipality were consulted during barangay assemblies and no one interposes any objection on the proposed project.

With the realization of the project aforementioned, it is envisioned that gigantic impact will be felt by our constituents more particularly in the health and economic sectors.

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