

**Drinking water source protection- project in Upper Dandagaun
January 2018**

Introduction

A small project to maintain and protect natural source of water with a collection chamber. A good source of water, a well, famous by the name of "Aryalkopadhera", situated in upper Dandagaun, Jitpur is buried by landslide. It has a long history of supplying water to community people. About 19 households with 100 people are depended on the source. People are suffered from short supply of water and women are spending a long time and more energy to fetch water from long distance source. It has increased the importance of maintenance and preservation of the well.

Members of women groups, Aakashdevi and Santanath lead the project. They came up with the concept of renovation and protection of the well. Also they are actively participating to collect donations for the project. They have collected part of money. They have expected support from VIN.

Objectives of the program

- To maintain the well, protect it from surrounding and construct a water collection tank nearby the source.
- To encourage people in maintenance of natural water resources

Methodology

Site: Upper Dandagaun village, Jitpur-8, Kathmandu.

Time duration: One month

Process:

Form a user's committee – A user's committee will form with representatives from local community. All members will be responsible for the planning, construction and maintenance of the well. They can formulate plan to use source effectively. Also they will play important role in follow up and protection of the area.

Public private partnership - Local people supports in collecting local materials, skilled labor and carrying materials to the site. VIN has a plan to support extra materials and volunteers. It is a good public private partnership in development action.

Construction process- The project will be for a week. First they will work out to renovate well and protect the surroundings. Clean the area, build boundary with bricks and cover the source. Next construct a collection tank. A water tank of 5000 liters capacity will be built.

Follow up- User's committee will be responsible for the follow up and maintenance of the source.

Expected output:

A water source will be protected. A storage tank will be constructed. There will be regular water supply channel to 100 people.

Budget plan

Amount requested: **320 USD**

The total cost of this project is 800 USD, which includes building materials, transportation, and labor. 60% of the project costs have been self-funded by VIN and the community.