



## Questionnaire for Gravitational Drinking Water Project

### Current State

**Region :** \_\_\_\_\_

**Village :** \_\_\_\_\_

Min. height above sea level : \_\_\_\_\_ m      Max. height above sea level : \_\_\_\_\_ m

Total population : \_\_\_\_\_      Number of houses : \_\_\_\_\_

Number of fountains : \_\_\_\_\_

School            yes     no             Health center            yes     no

Latrines            yes     no

#### **Current Spring :**

Height above sea level : \_\_\_\_\_ m

Presence of cattle upstream to the spring    yes     no

Risks of contamination of the spring            yes     no

Difference of height between the spring and the water tank \_\_\_\_\_ m

Distance between the spring and the water tank \_\_\_\_\_ m

Diameter of the pipe \_\_\_\_\_ mm      Material of the pipe : \_\_\_\_\_

#### **Discharge**

#### **sufficient**

#### **clear water**

Summer            \_\_\_\_\_ l/min            yes     no             yes     no

Fall            \_\_\_\_\_ l/min            yes     no             yes     no

Winter            \_\_\_\_\_ l/min            yes     no             yes     no

Spring            \_\_\_\_\_ l/min            yes     no             yes     no

#### **Current Water Tank :**

Live storage : \_\_\_\_\_ m<sup>3</sup>            Height above sea level : \_\_\_\_\_ m

Year of construction : \_\_\_\_\_      In good condition    yes     no

Difference of height between the water tank and the center of the village \_\_\_\_\_ m

Distance between the water tank and the center of the village \_\_\_\_\_ m

#### **Current Water Network :**

Diameter of the pipe \_\_\_\_\_ mm      Material of the pipe : \_\_\_\_\_

Energy breaker            yes     no             How many : \_\_\_\_\_

## Data of the Project

Total planned population : \_\_\_\_\_ Number of concerned houses: \_\_\_\_\_

Number of planned fountains : \_\_\_\_\_

School            yes     no             Health center            yes     no

Latrines            yes     no

### **New Spring A :**

Height above sea level : \_\_\_\_\_ m

Presence of cattle upstream to the spring A            yes     no

Risks of contamination of the spring A            yes     no

Difference of height between the spring A and the water tank \_\_\_\_\_ m

Distance between the spring A and the water tank \_\_\_\_\_ m

Diameter of the pipe \_\_\_\_\_ mm            Material of the pipe : \_\_\_\_\_

#### **Discharge**

#### **sufficient**

#### **clear water**

Summer            \_\_\_\_\_ l/min            yes     no             yes     no

Fall            \_\_\_\_\_ l/min            yes     no             yes     no

Winter            \_\_\_\_\_ l/min            yes     no             yes     no

Spring            \_\_\_\_\_ l/min            yes     no             yes     no

### **New Spring B :**

Height above sea level : \_\_\_\_\_ m

Presence of cattle upstream to the spring B            yes     no

Risks of contamination of the spring B            yes     no

Difference of height between the spring B and the water tank \_\_\_\_\_ m

Distance between the spring B and the water tank \_\_\_\_\_ m

Diameter of the pipe \_\_\_\_\_ mm            Material of the pipe : \_\_\_\_\_

#### **Discharge**

#### **sufficient**

#### **clear water**

Summer            \_\_\_\_\_ l/min            yes     no             yes     no

Fall            \_\_\_\_\_ l/min            yes     no             yes     no

Winter            \_\_\_\_\_ l/min            yes     no             yes     no

Spring            \_\_\_\_\_ l/min            yes     no             yes     no

### **New Water Tank C :**

Live storage : \_\_\_\_\_ m<sup>3</sup>            Height above sea level : \_\_\_\_\_ m

Difference of height between the water tank C and the center of the village \_\_\_\_\_ m

Distance between the water tank C and the center of the village \_\_\_\_\_ m

**New Water Network :**

Diameter of the pipe \_\_\_\_\_ mm      Material of the pipe : \_\_\_\_\_  
Energy breaker                      yes       no                       How many : \_\_\_\_\_

**Particular Conditions :**

Geological      yes       no       If yes, which ones? \_\_\_\_\_  
Climatic      yes       no       If yes, which ones? \_\_\_\_\_  
Social      yes       no       If yes, which ones? \_\_\_\_\_  
Economic      yes       no       If yes, which ones? \_\_\_\_\_  
Cultural      yes       no       If yes, which ones? \_\_\_\_\_

**Estimated Cost (Rs) :**

Building materials : \_\_\_\_\_  
Pipes : \_\_\_\_\_  
Transport to on-site : \_\_\_\_\_  
Manpower : \_\_\_\_\_  
TOTAL : \_\_\_\_\_

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**Brief History**

Were there projects or part of them which were abandoned and/or broken?

yes       no

If yes, why?: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Questionnaire filled by : \_\_\_\_\_

As : \_\_\_\_\_

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