

# EIA VOLUNTEER PROGRAM 2017

---

## 1. Information about the participant organizations:

Volunteer Team:

Team leader:

Phone:

Email:

---

Host organization: EIA

Phone: 1(630)918-7716

Email: [rod.beadle@engineersinaction.org](mailto:rod.beadle@engineersinaction.org)

EIA Project Manager:

Email:

---

Partner Community: Yulo

Contact:

---

## 2. Community Description:

Timusi is a small community in the municipality of Chuma which is located in northeast of La Paz city. The community is inhabited by two indigenous people groups: the Aymara (mainly) and Quechua. Because of this, most people are trilingual, speaking Aymara, Quechua, and Spanish.

The area is located in one of the poorest municipalities in Bolivia, and Bolivia is the poorest country in South America. Thus, life is not easy for the local population. The area depends mainly on agriculture. Eighty percent of the working population works in agriculture, mostly in family businesses. Despite the hard circumstances due to extreme cold and drought, it is possible to grow crops, like potatoes, corn, lima beans, peas, barley, etc. Particularly the communities in the higher areas hardly have access to the market; the local market of the village of Chuma.

### **3. Problem**

The community's water demand exceeds the supply available to it. The community's distribution system is undersized for the instantaneous and peak hour demands, this is experienced in the morning and evening, resulting in low system pressures and low flows from faucets during those time periods.

### **4. Objective**

Change the pipeline from the spring area to the principal tank.

### **5. Specific Team Objectives**

- Trenching the pipe line area.
- Sift the soil to protect the pipe.
- Install and connect the pipe line from the source to the tank.
- Fill the trenches.
- Improve the collect water box on the spring area

### **6. Profile team members**

- **Team Leads; Three Positions**
  - o Civil Engineer or related, background related on water and catchment system construction and supervisions.
- **Volunteer Members Seventeen positions**
  - o Willing to work in basic condition of rural area and high altitude, experience a cultural exchange working side by side with the community members of Timusi.
  - o Able to walk long distances up to 2 hours.

### **7. Agreements**

According to EIA guidelines for this type of the volunteer program, the team needs to coordinate the date for the travel and pay 25% of the total amount to show a serious interest in the volunteer program and close the position.

## **8. Cost**

The Implementation volunteer program is going to be \$1550 - \$1600 which includes,

- Fully trip staff member assigned.
- 11 Days renting one car plus gasoline with the team all time.
- 2 Days for 2 cars plus driver for transportation plus gasoline to get inside the community and outside.
- Translators for the all team all the trip.
- 10 Days with 3 meals in field (The meals in city have to be covered by the team)
- 3 Nights hotel in shared room.
- 1 Cellphone.
- 1 Survey Equipment.
- Sleeping bags per person.
- Airport transport.
- Lodging in the community (basic Conditions)
- EIA Volunteer fee.

## **9. Permanence in country and trip activities**

- The trip is estimated to take 14 days; these 14 days are distributed: one day for acclimating, two days for trip to and from La Paz, nine days in field, and one free day in the city.
- The activities in field will be coordinated with the EIA staff member assigned to the project.