



## Sanitation & Hygiene



### **ABOUT**

Share Nepal is a Nepalese non-governmental organization (est. 2011) that serves approx. 700 families in an area of rural central Nepal that was heavily damaged during the 7.8M and 7.3M earthquakes of 2015. ParticipAid is a US based research project-in-development with the National University of Natural Medicine and Portland State University in Portland, OR. ParticipAid and Share Nepal worked together to coordinate emergency relief for the 70-family village of Karmidanda immediately following the devastating earthquakes, and continue their recovery work through a pilot “Community Led Rebuilding Program” for the larger area. This is a request for partnership drawn from the outcomes of the assessment and planning portions of the program. It is representative of one of Share Nepal’s 18 recovery plans for their constituency. Share Nepal board members and local facilitators will implement and manage all on the ground activities. ParticipAid will provide guidance and support on administrative, logistic, and project management challenges as needed. Both organizations seek your support in contributing to the activities described below to help this community recover from the disaster in a way that is self-determined, and locally managed.

**Please contact us for more details about partnering in this project!**

**Ram Sharan Acharya – Share Nepal Chairperson [[acharya.ramsharan@yahoo.com](mailto:acharya.ramsharan@yahoo.com)]**

**Erin Moore – ParticipAid Co-founder [[doctorerin@particip-aid.org](mailto:doctorerin@particip-aid.org)]**

**Kamal Phuyal – ParticipAid Co-founder [[kamalphuyal@gmail.com](mailto:kamalphuyal@gmail.com)]**

### **LOCATION**

Nepal, Rasuwa District, Laharepauwa VDC, Wards 4, 5, 6, 7 and 8

### **BACKGROUND**

The findings of baseline survey revealed that at least 144 families do not have access to a toilet in Laharepauwa Village. Open defecation even by a single family could pose a serious health threat to the whole community; drinking water sources can be contaminated and houseflies can more easily spread germs. The government of Nepal has aimed for 100% sanitation coverage by 2017. This project intends to contribute to that goal, by coupling physical toilet construction with awareness campaigns in all wards of Laharepauwa Village. Because of their regular practice of cooking with wood fires in poorly ventilated kitchens, and the poor respiratory outcomes of this practice, the local people of ward 5 have requested biogas system installation as an alternative to traditional toilets. Environmental cleanliness and waste management have been identified as additional problems contributing to poor sanitation in the area, so these topics will be incorporated into awareness campaigns. The baseline survey also showed that while safe hygiene and sanitation practices are widely known, they are not widely applied. A new approach must be taken to transform awareness into action in this area.

### **BENEFICIARIES**

Baseline survey data and conformational interviews will be the basis to select appropriate families to support for toilet construction. Awareness campaigns will be conducted without judgement in each ward to reach all 707 families. Primary beneficiaries will be the approx. 144 families that do not have safe toilet facilities, approx. 25 of which will build biogas systems in their homes.

## Sanitation & Hygiene

### ACTIVITIES

#### Toilet Construction

[Estimated Budget: \$5,300 USD]

Families without toilet will be identified, and engaged in toilet repair or simple construction in the local tradition - small buildings with cement floor and porcelain basin over rock-walled pit. Thirty of the poorest families will be supported with materials and labor for construction. The remaining will receive a small cash reward [\$10 USD] after toilet is completely constructed.

- Conduct door-to-door & community level motivation campaign: (Timeline: 1 month).
- Toilet construction: (Timeline: 3 months, with 12 month evaluation).

#### Home & Environmental Cleanliness Campaign

[Estimated Budget: \$2,800 USD]

Local facilitators will take the lead to mobilize youth volunteers with the objective to motivate local people to improve and maintain cleanliness at the household, and community level.

- Monthly Campaigns (Timeline: 12 months).

#### Biogas System Installation

[Estimated Budget: \$6,200 USD]

Twenty-five families without toilet will be identified, and engaged in biogas system installation.

- (Timeline: 3-4 months installation, 12 months monitoring).

### IMPACT

- All households will have toilet in their house and with 100% use rate
- All households will keep their toilet clean
- Less houseflies and germs, therefore less chance of disease transmission
- The incidence of water borne diseases will be reduced
- Household waste will be disposed of properly
- Environment will be clean
- Water sources will be protected
- More homes will be appropriate to host tourists (income generation)
- Child mortality will be reduced and life expectancy will be increased

### COMMUNITY CONTRIBUTION

- Active role in awareness programs and support the movement
- Use of local resources (wood, stones) for toilet construction and making dustbins
- 100% labor contribution for simple toilet construction.
- 100 % labor contribution for biogas system non-technical labor.

### MONITORING & EVALUATION

The following are potential M&E indicators identified by Share Nepal members. Final indicators will be developed with funding partner.

| Monitoring indicators   | Evaluation indicators   |
|---|---|
| 1. Utilization of local resources/materials and their quality.<br>2. Appropriateness of site for construction.<br>3. Skill of laborers.<br>4. Number of toilets constructed.<br>5. Progress according to timeline and budget. | 1. Percentage of toilets constructed.<br>2. Use rate of toilet.<br>3. Cleanliness status of toilet and household.<br>4. Cleanliness status of surrounding environment.<br>5. Incidence of water borne diseases.<br>6. Community perception on toilet and surrounding cleanliness.<br>7. Health status of the community. |

### BUDGET

|     | Budget Head   | Unit   | Target | Rate   | Amount (NRs.)     | Amount (NRs.)   |
|-----|---|--------|--------|--------|-------------------|-----------------|
| A.  | Toilet construction                                   |        |        |        |                   |                 |
| A.1 | Awareness campaign                                    |        |        |        |                   |                 |
|     | Resource person (8 events x in 5 wards)               | Day    | 40     | 2,000  | 80,000.00         | 733.54          |
|     | Stationaries  | Event  | 40     | 1,000  | 40,000.00         | 366.77          |
| A.2 | Technical support                                     |        |        |        |                   |                 |
|     | Monitoring by technical expert                        | Month  | 3      | 20,000 | 60,000.00         | 550.16          |
|     | Material support to poor families                     | Family | 30     | 10,000 | 300,000.00        | 2,750.78        |
|     | Cash Reward from Toilet Completion                    | Family | 100    | 1,000  | 100,000.00        | 916.93          |
|     | <b>Total</b>  |        |        |        | <b>580,000.00</b> | <b>5,318.18</b> |
| B.  | Home and Environmental cleanliness campaign           |        |        |        |                   |                 |
|     | Resource person                                       | Month  | 12     | 20000  | 140,000.00        | 1,283.70        |
|     | Handouts and stationaries                             |        |        |        | 50,000.00         | 458.46          |
|     | Transportation and communication                      | Month  | 12     | 5000   | 60,000.00         | 550.16          |
|     | Management and facilitation cost                      | Month  | 12     | 5000   | 60,000.00         | 550.16          |
|     | <b>Total</b>  |        |        |        | <b>310,000.00</b> | <b>2,842.47</b> |
| C.  | Bio-gas plant installation (25 families) <sup>1</sup> |        |        |        |                   |                 |

<sup>1</sup> 25 poor families will be targeted for this program for the first year - this budget includes for a year (first year)

### Sanitation & Hygiene

|  |  |         |    |                    |                     |                  |
|--|--|---------|----|--------------------|---------------------|------------------|
|  | Awareness campaign - meetings                            | Meeting | 5  | 5000 <sup>2</sup>  | 25,000.00           | 229.23           |
|  | Technical survey   | Family  | 25 | 2000               | 50,000.00           | 458.46           |
|  | Plant installation                                       | Family  | 25 | 20000 <sup>3</sup> | 500,000.00          | 4,584.63         |
|  | Transportation and coordination                          | Family  | 25 | 2000               | 50,000.00           | 458.46           |
|  | Management cost  | Family  | 25 | 2000               | 50,000.00           | 458.46           |
|  | <b>Total</b>   |         |    |                    | <b>675,000.00</b>   | <b>6,189.25</b>  |
|  | <b>Grand Total – All Sanitation and Hygiene Projects</b> |         |    |                    | <b>1,565,000.00</b> | <b>14,349.89</b> |

[CLICK HERE TO GET INVOLVED](#)

<sup>2</sup> It include all the cost including stationaries, coordination and refreshment

<sup>3</sup> It include all the cost after government provides subsidies