



## Trail Improvement

### **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!**

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### **LOCATION**

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

### **BACKGROUND**

Since ancient times in rural Nepal, foot trails have been cut through the steep hillside of the country and forests. These trails serve as borders between the wards, as well as the primary route of transportation for local people going to their farms, work, school, and markets. Shaded stops along the trail serve as important gathering points for meetings and everyday socializing. The trails are commonly used by travelers from around the district and are popular among foreign trekking tourists because of their beauty and craftsmanship. In Laharepauwa Village, many parts of their trail system have been washed out by the annual monsoon rains and cracked by 2015's earthquakes. Some areas are dangerous and difficult for children and the elderly to pass, which discourages foot traffic to certain areas. The local government has not assisted with this need in years past, and their support is not anticipated in the future.

### **BENEFICIARIES**

A portion of trail (approx. ½ mile in length) that creates the border between wards 4 and 6 is flooded every year during the monsoon, putting the 40+ households and farms that border the trail at risk. Additionally, the health post and secondary school are reached by this high traffic trail, which endangers nearly 200 students and many patients each monsoon season. As self-reported by local people during participatory planning exercises, each ward faces similar though less severe problems during the monsoon. General trail improvements would benefit all members of the community.

### **ACTIVITIES**

#### Targeted Trail Repairs for Monsoon

[Estimated Budget: \$2,100 USD]

Share Nepal seeks to complete this project by May of 2017, before the Monsoon season arrives.

- Form Trail Construction Committee & Technical Survey by engineer (Timeline: 1 month)
- Repair and reconstruction of trail to manage monsoon rain waters (Timeline: 1 month)



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### General Trail Repair & Reconstruction

[Start-up Budget for Technical Survey and Design - \$1,700 USD]

Share Nepal seeks a long-term partner in this multi-phase project. The activities briefly described below will be conducted on a timeline and implementation plan determined by Share Nepal, local government, and funding partners.

- Form Trail Construction Committee
- Map current trail system, determine regions of reconstruction and repair.
- Source materials and management of labor.
- Construct trail boundaries, stone steps, and large caged rock walls to protect from landslide.

### **IMPACT**

- Safe and easy travel for all local people, especially children and the elderly.
- Transport of goods to and from the area will increase because of safe and easy accessibility.
- Time will be saved by local people every day.
- The village will look beautiful.
- Tourists and trekkers will be attracted to visit the area.
- There will be more opportunities for income generation, unemployment will be reduced.

### **COMMUNITY CONTRIBUTION**

- Labor contribution equivalent to at least 15% of total budget.
- Donation of the land needed for the trail.
- Provision of basic hand tools.
- Placement of ward and direction signs as needed.
- Commitment to maintain and repair new trail.

### **MONITORING & EVALUATION**

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

<b>Monitoring indicators</b>	<b>Evaluation indicators</b>
1. Progress according to projected timeline and budget.	1. Community perception on the safety and comfort of trail.
2. Quality of materials used for trail construction.	2. Socioeconomic status of families in close proximity to trail.
3. Percentage of community contribution.	3. Number of tourists visiting the area each year.
	4. Number of markets where local people are trading goods.
	5. Time saved during common local commutes.

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### BUDGET

	Budget Head	Unit	Target	Rate	Amount (NRs.)	Amount (USD)
A.	Targeted Trail Repairs for Monsoon					
A.1	Construction committee formation					
	Meetings with local people	Ward	2	1,000	2,000.00	18.34
	Tea and snacks	Ward	2	1,000	2,000.00	18.34
	Transportation and communication	Ward	2	1,000	2,000.00	18.34
	<b>Total</b>					<b>55.02</b>
A.2	Trail construction					
	Technical survey (engineer)	Day	2	7,000	14,000.00	128.37
	Assistant to engineer	Day	2	4,000	8,000.00	73.35
	Guide, transportation, & communication	Day	2	1,500	5,000.00	45.85
	<b>Total</b>					<b>247.57</b>
A.3	Estimated Cost of Materials and Labor		1	200,000	200,000	1,833.85
	<b>Grand Total – Targeted Repairs</b>					<b>2,136.44</b>
B.	General Trail Repair and Reconstruction					
B.1	Construction committee formation					
	Meetings with local people	Ward	5	1000	5,000.00	45.85
	Tea and snacks	Ward	5	1000	5,000.00	45.85
	Transportation and communication	Ward	5	1000	5,000.00	45.85
	<b>Total</b>				<b>15,000</b>	<b>137.55</b>

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B.2	Trail construction					
	Technical survey (engineer) <sup>1</sup>	Day	12	7000	84,000.00	770.22
	Assistant to engineer	Day	12	4000	48,000.00	440.12
	Guide to survey team	Day	12	1500	18,000.00	165.05
	Transportation and communication	Day	12	1000	12,000.00	110.03
	Management cost	Day	12	1000	12,000.00	110.03
	<b>Total</b>				<b>174,000.00</b>	<b>1,595.45</b>
	<b>Grand Total – General Repairs</b>					<b>1,733.00</b>
	<b>Grand Total – Both Trail Improvement Projects</b>					<b>3,869.44</b>

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<sup>1</sup> Detailed budget of the construction work can be estimated only after technical survey is completed.