



TGUP Project Details

Barahachhetra School Water Purification System Sewar, Bangaun, Dang District, Nepal



PROJECT NAME: Barahachhetra Secondary School Water Purification System

PROJECT SUMMARY: Install a water filtration system that will provide safe drinking water for the students and staff at the school as well as for the community at large. Currently, people are sickened by cholera, diarrhea, dysentery and other WASH related diseases from drinking the unfiltered water. More than 10,000 people are expected to benefit from this new system. The total project cost is \$3,847 of which the community is contributing \$663 for a total TGUP price of \$3,184.

PROJECT PARTNERS:

The Global Uplift Project (TGUP) helps American donors build classrooms and other infrastructure projects in the developing world from donations as small as one dollar (hence its name). Since its founding in 2007, TGUP has completed more than 150 such projects in 17 countries in Asia, Central America, and Africa. TGUP is an IRS registered 501c3 nonprofit.

Nepal Women Community Service Center (NWCSC) was established in 1993 in the Dang district of mid-western Nepal. NWCSC is the first women-specific, non-governmental organization in the Rapti Zone. Run by a group of dedicated women volunteers, the NWCSC strives for equal status and empowerment of women from rural areas. NWCSC is a non-political, non-partisan, secular organization dedicated to the uplift of all Nepalese people.

PROJECT MANAGEMENT:

The Global Uplift Project

Senior Executive:

Robert Freeman
Executive Director
robertf@tgup.org
650-575-3434

Supervising Executive:

Cathy Dwulet
Director, Global Field Operations
cathyd@tgup.org
650-269-5598

NWCSC

Senior Executive:

Bimala Yogi
CEO, NWCSC
nwsc.dang@gmail.com
+9857832671

Supervising Executive:

Gannath Yogi
Principal, Barahachhetra School
barahachhetramavi@gmail.com
+9847857030

TIMELINE: 2 months from start to finish

ABOUT THE COMMUNITY AND PROJECT:

Barahachhetra Secondary School is a public academic institute located in Sewar, Bangaun, Dang district of Nepal that was established in 1960. It is affiliated by the National Examinations Board (NEB) and approved by the Nepalese Ministry of Education.

The school provides pre-primary to secondary level education and technical training with minimal and affordable fee structures. It also provides scholarships for deserving, hardworking students from disadvantaged family backgrounds.

TGUP recently added a second story classroom to an existing building as many of the other classrooms were damaged in the 2015 earthquake. The community and NWCSC contributed labor and management to cover 20% of the total cost of the project, which they will do with this water project as well.

Most of the 10,000 people in the catchment area earn their livelihood by farming and rearing animals. Some people travel to the nearest large city (Dang) to work as day laborers. No government approvals are needed and the School Management Committee (SMC) is fully supportive of the project.

The region is predominantly populated by Tharu, Dalit, and Magar caste communities whose health and education levels are some of the most challenged in the district. The school is the only school serving the local population.

The school currently has 593 students in the following classes:

Grade	Girls	Boys	Total
Preschool	59	43	102
Grade 1	18	11	29
Grade 2	4	9	13
Grade 3	19	21	40
Grade 4	22	17	39
Grade 5	35	16	51
Grade 6	43	37	80
Grade 7	41	36	77
Grade 8	34	30	64
Grade 9	44	19	63
Grade 10	24	11	35
Total Students	343	250	593



The existing water tank, as seen in the photo on page one, will be filled with untreated water. That water will then flow through the water purification system into a new 1,000 liter tank. The system comes with a one-year maintenance guarantee, after which time the school will take on the on-going maintenance.

A sink and faucet will also be installed so in addition to providing clean drinking water, the water can also be used for washing hands, filling cooking pots, etc.

PROJECT BUDGET: (117.60 Nepalese rupees to \$1 USD as of 3-1-21)

1 Nepalese Rupee equals
0.0085 United States Dollar
Mar 1, 12:07 PM UTC - Disclaimer

117.60 Nepalese Rupee ▼
 1 United States Dollar ▼

Item	Quantity	Rate	TGUP	Community Contribution	Total
Water purifier machine	1	120,000	120,000		120,000
Water Tank (1,000 liter)	2	15,000	30,000		30,000
Fitting material	1	20,000	20,000		20,000
Fittings	1	10,000	10,000		10,000
Cemented sink with Tap	1	132,000	132,000	68,000	200,000
Labor		10,000	0	10,000	10,000
Project Management			62,400		
Total cost (Nepalese rupees)			374,400	78,000	452,400
Total cost (USD)			\$3,184	\$663	\$3,847

SUMMARY AND EVALUATION: We rate this a high priority project. That is based on several factors:

- Existing water is making the students, staff and community sick.
- The school serves the poorest people in the district.
- NWCSC has an excellent working relationship with the school and community;
- Project costs are extremely attractive since the community is contributing 20%.
- The project has the explicit support of NWCSC, the Ministry of Health, the school board, and the community.
- TGUP has a good working relationship with NWCSC on past projects.