



TGUP Project Details

Latrines, Shining Star Primary School

Tambaya, Kenya



PROJECT NAME: Shining Star Primary School Latrines Project

PROJECT SUMMARY:

Provide design, materials and supervision while working with the people of Tambaya community to construct a new building containing 6 pit latrines for the students at the Shining Star School. These will be the sixth set of latrines that TGUP has built at various schools in Kenya.

PROJECT PARTNERS:

The Global Uplift Project (TGUP) helps American donors build small-scale infrastructure projects in the developing world from donations. Since its founding in 2007, TGUP has completed more than 130 such projects in 16 countries in Asia, Central America, and Africa. TGUP is an IRS registered 501c3 nonprofit.

Kiini Sustainable Initiative (KISI) works with communities in Central Kenya to improve access to education for all Kenyan citizens regardless of income or ethnicity. It has completed many projects with TGUP at schools in Central Kenya. KISI is registered as a Non-Governmental Organization under the NGO coordinating board in Kenya.

PROJECT DETAILS:

The project will start by clearing and leveling the ground. A 6x18 by 40 foot deep pit will be dug. It will be reinforced with Kiganjo stones cemented in place to a depth of 4 feet to reinforce the sides from collapse. The pit will be then covered with a concrete foundation slab reinforced with wire mesh.

The latrines will each have a door and there will be a wall between each latrine to act as a partitioning block. The roof will be made of corrugated iron sheets.

The building will be painted, and tiles will be installed on the outside verandah.



- The school has had to limit the enrollment due to lack of facilities.
- The new latrines will encourage the students to stay in school.
- The project will cost \$8,760. All funds raised go into the project.
- This will be the sixth set of pit latrines TGUP has built in Kenya.

ABOUT THE COMMUNITY:

Tambaya is a growing village located in a rural area of Mukurweini in Nyeri County with a population of about 9,000 people in 1,200 households. There are 5-6 children per household. The locals are peasant farmers growing maize, coffee, and tea. Most people live below the poverty line and live in houses made of wood planks and roofed with iron sheets. Most of the families share pit latrines that are outdated and at risk of collapse.

For water, the homes rely on water from the River Gura, which is the fastest flowing river in Africa. Some homes have electricity, depending on the grid, and the family income. Tambaya is a “converging village,” to which families evacuate following flooding from the river, as it is on higher ground and the safest close place for settlement.

ABOUT THE SCHOOL:

Shining Star Primary School started in January 1999 as a nursery school measuring 12x10 feet in a rented room within the Tambaya trading center. The enrollment started with 6 students and rose to 24 by the end of the year.

In 2002, the school managed to secure vacant land and thus relocated to its current location. The school has continued to grow and in 2010 the first class graduated the eighth grade. The student population had risen to 450 but due to lack of adequate facilities, in particular classrooms and latrines as required by the Ministries of Education and Public Health, the student population was reduced to 250. The school has great potential for growth if well equipped to absorb the growing population by provision of more classrooms, latrines, and electricity. Currently the school has 269 pupils, 11 teachers, and four support staff.



The enrollment per grade is as follows:

Class	Boys	Girls	Total
Play group	14	12	26
PP1	12	13	25
PP2	14	12	26
1	13	7	20
2	12	9	21
3	18	17	35
4	11	12	23
5	12	13	25
6	14	12	26
7	17	11	28
8	7	8	15
Total	134	135	269

The school lacks sufficient classrooms and the existing ones are in ill repair. TGUP is currently building a new classroom to address this need. A new curriculum has been introduced in Kenya called Competence Based Curriculum. In addition to standard reading and writing, etc., the pupils are taught family chores, how to take care of the environment, safety, and basic human needs.

The school also lacks enough sanitation facilities, so all the students and staff share the same latrines. The school does not have electricity or running water, both of which are needed.

Enrollment continues to increase but is limited by the deficient infrastructure. This has resulted in pupils either not going to school at all or joining other schools that are miles away.

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

- Existing resources are both overstretched and deficient;
- Expansion will be utilized immediately, encouraging students to stay in school;
- The project is endorsed by the Ministry of Health and Education;
- KISI has an excellent working relationship with the local community;
- TGUP's long and productive history of working with KISI (since 2009);

DETAILED BUDGET:

	Kenya Shillings (KSH)	US Dollars (\$)
Excavation 3 double units, 45 cu feet each	156,000	1,560.00
Ant Termite Poison 1 Litre	3,000	30.00
Ballast 14 tonnes	26,600	266.00
Quarry stones 450 cu ft	27,000	270.00
Sand 14 tonnes	32,000	320.00
Cement 65 bags @ 750ksh	48,750	487.50
Stones 600 cu ft	48,000	480.00
Timber 6*1 - 645ft @ 49ksh	31,605	316.00
18, D-10 ground bars @1060	19,080	190.00
Barbed wire Roll @5000	5,000	50.00
Timber 3*2 - 650ft @ 51ksh	33,150	331.50
Nails 17kg @ 250ksh	4250	43.00
Iron sheets 28 @ 3M each @ 950ksh	26,600	266.00
10 kgs Binding wires @300	3,000	30.00
Doors 6 @ 5765ksh	34,590	346.00
Paint	21,450	214.50
Transportation	35,000	350.00
Labor	179,500	1,795.00
Plans, Permits, Inspection, misc	37,900	379.00
Project Total	772,475	\$7,724.80
Community contribution		-500.00
Project Management		1,534.95
Grand Total		\$8,759.75