



TGUP Request for Proposal

Project name: CONSTRUCTION OF PIT LATRINES AT SIGALAME COMPREHENSIVE SCHOOL

PROJECT NAME: CONSTRUCTION OF PIT LATRINE AT SIGALALME PRIMARY SCHOOL

PROJECT SUMMARY:

Introduction

Sigalame Primary School is a public primary school located in Ageng'a ward, Funyula Constituency, Busia County, Western Kenya. The school currently serves 1030 (522 boys and 508 girls) and 20 teachers. Despite its commitment to providing quality education to children from vulnerable and low-income families, the school faces critical sanitation challenges due to the lack of adequate toilet facilities. The existing toilets are dilapidated, unsafe, and insufficient for the growing population. This situation poses serious health risks, particularly to girls and kindergarten children, and negatively affects school attendance, hygiene, and learning outcomes.

To address this, we propose the **construction of a ventilated improved pit (VIP) latrine** to enhance sanitation, promote hygiene, and create a safe learning environment for all learners.

Problem Statement

Poor sanitation remains a major challenge in rural schools. At Sigalame Primary school, the ratio of pupils to toilets currently stands at approximately 103:1 (127:1 for girls), far exceeding the recommended standard of 25:1 for girls and 30:1 for boys by the Ministry of Education. Currently, the school has a 6-stance pit latrine for boys that is still in good shape and condition, unlike the 4-stance latrine for girls that is dilapidated and in very poor condition. The limited and unhygienic facilities have led to:

- Increased absenteeism, especially among girls during menstruation;
- Risk of sanitation-related diseases such as diarrhea and typhoid, as well as Urinal track infections among girls
- Discomfort and safety concerns for young learners;
- Poor hygiene practices and loss of dignity.

This proposal seeks support to construct a durable girls' and kindergarten pit latrine that meets health and safety standards.

Project Goal and Objectives

Overall Goal:

To improve sanitation and hygiene standards at Sigalame Primary School by constructing a safe and sustainable pit latrine facility.

Specific Objectives:

1. To construct an 8-door girls' ventilated improved pit latrine.
2. To reduce sanitation-related diseases and improve attendance
3. To promote hygiene education among learners and teachers.
4. To ensure privacy, dignity, and safety for all pupils, particularly girls.

Project Description

The proposed project will involve the construction of a **Ventilated Improved Pit (VIP) Latrine** with the following features:

- 8-door latrine for girls.
- Ventilation pipes and fly screens
- Handwashing stations with water
- Accessible design for young learners
- Durable materials (concrete slab, bricks, iron sheets, timber doors)

The project will be implemented in collaboration with the **school board of management (BOM), Parents and Teachers Association (PTA)**, and the **local community**.

PROJECT PARTNERS:

- 1) The Global Uplift Project (TGUP)
 - 2) NGO –Pathway for Livelihoods Initiatives-Kenya (PLIKEN)
 - 3) Others: The school board of management (BOM), Parents and Teachers Association (PTA), and the local community.
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- 1) **The Global Uplift Project (TGUP)** helps American students and individuals 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 600 such projects in 9 countries in Asia, Central America, and Africa. TGUP is an IRS registered 501c3 nonprofit.
 - 2) **NGO- Pathway for Livelihoods Initiatives Kenya (PLIKEN)** is a nationally registered non-governmental organization that provides comprehensive educational and other developmental programs that help children to attain their full potential. Through the Confidence Kits program that focuses on menstrual hygiene, the Organization works with like-minded partners to improve depilated sanitation facilities among the schools that benefit from confidence kits distribution and mentorship to improve sanitation and hygiene among the learners and the school community. PLIKEN introduced this program in 2025 and so far has completed 1 project at Nambere Primary School in Busia County, Western Kenya.

PROJECT MANAGEMENT (for all listed above):

The Global Uplift Project

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PROJECT DATES: 3 months from funding

TIMELINE:

Activity	Timeline	Responsible Team
Site assessment and approval	2 days	PLIKEN, School management & Contractor
Digging of trenches	2 weeks	School management & PLIKEN
Procurement of materials	1 weeks	Contractor & School management, PLIKEN to provide oversight
Construction of a Pit Latrine	5 weeks	Contractor & PLIKEN supervisor
Installation of hand basins and painting	2 days	Contractor & BOM (Supervised by PLIKEN
Inspection and evaluation	2 days	PLIKEN
Handing over the ceremony	1 day	PLIKEN
Monitoring	Throughout	PLIKEN

ABOUT THE COMMUNITY AND PROJECT:

Sigalame village is located in Busia County, Western Kenya, along the Kenya-Uganda border. It's along the shores of the River Sio that separates Kenya from Uganda as a border. The school serves both children from Kenya and some from the Ugandan side who cross the river daily to access education. Due to the constant increase in the number of learners each year, the available facilities are not enough to meet the needs of the learners and the school. The village's population ranges from 6000 people, the majority small scale farmers and fishermen.

Many households survive on barely less than a dollar daily, hence building a new facility in the school is a challenge.

Management and the community will participate in the project by digging the trenches for the latrines, providing all authorization and ministry of education approvals for the construction of the pit latrine, and security during construction and after. They will offer the sanitation and maintenance of toilets and ensure that proper use of them is adhered to. The school has a working borehole from which the contractor will draw water for construction and piping to the toilet.

ANTICIPATED BENEFITS:

- Improved sanitation and hygiene conditions at the school.
- Reduced cases of waterborne and sanitation-related illnesses.
- Increased school attendance and good performance, especially among girls.
- Boost the morale and confidence among girls.
- Enhanced health awareness and hygiene practices among learners and the community.

PRIMARY BENEFICIARIES:

1. School girls
2. Kindergarten learners
3. Sigalame Primary School community

IMPACT METRICS (BOTH LONG AND SHORT TERM):

Short-Term Metrics (0–12 Months)

1. Infrastructure & Access

- 8 pit latrine stances constructed
- Pupil-to-latrine ratio- before construction 80:1 vs after construction 30:1
- Presence of handwashing stations with soap and water

2. Hygiene & Sanitation Practices (SDG 6)

- 100 % of learners regularly use latrines
- Reduction in open defecation within the school compound
- 100 % of learners demonstrating correct handwashing behavior
- Availability of cleaning schedules and sanitation supplies

3. Health & Safety (Early Indicators)

- Reduction in incidences of urinary tract infections among girls
- Improved cleanliness score from school health inspections

4. Dignity & Protection as a state, and supported Kenya School Health Policy & WASH in Schools Guideline

- Number of latrines with internal locks and privacy features
- 99% of girls reported improved privacy and safety
- Reduction in harassment or unsafe sanitation practices

Long-Term Metrics (1–5+ Years)

Measures sustainability, educational outcomes, and well-being

1. Education Outcomes (SDG 4)

- Increase in overall school attendance rates
- Reduction in absenteeism linked to illness
- Reduction in menstruation-related absenteeism among girls
- Improvement in student retention and transition rates
- Improved learner concentration and participation

2. Health & Well-Being

- 99% sustained reduction in sanitation-related illnesses
- Improved student nutrition outcomes due to fewer sick days
- Decreased health-related school dropouts by 90%

3. Gender Equality & Child Protection as state in the Kenya School Health Policy & WASH in Schools Guidelines

- Improved school retention for adolescent girls
- Increased confidence and participation of girls in class
- Improved child protection outcomes due to safer sanitation facilities
- Enhanced dignity and psychosocial well-being of pupils

4. Sustainability & School Ownership

- 100% of latrines are functional after 5 years
- Existence of active School Health Clubs / WASH Committees
- Regular maintenance and desludging plans in place

BUDGET SUMMARY:

Summary of project costs:

Materials	\$ 5,639.27
Labor	\$ 1,224.50
Other	<u>\$ 1,003.30</u>
Total	\$ 7,867.07

DETAILED BUDGET:

BUDGET FOR CONSTRUCTION OF 8 STANCE PIT LATRINE FOR GIRLS AT SIGALAME					
Items	Description	Qty	Unity prices KES	Total in KES	Total in USD 1KES=0.0079USD
					0.0079
Pit digging/ trenches	Feet	40	KES 1,500	KES 60,000	\$ 474.00
	Totals			KES 60,000	\$ 474.00
Building the foundation and the walls	Cement (bags)	55	KES 1,050	KES 57,750	\$ 456.23
	Ballast (tonnes)	30	KES 1,200	KES 36,000	\$ 355.50
	Sand (tonnes)	30	KES 1,500	KES 45,000	\$ 355.50
	D 12 (Bars)	13	KES 1,350	KES 17,550	\$ 138.65
	R6 (bars)	5	KES 950	KES 4,750	\$ 37.53
	Hard Core (tonnes)	20	KES 1,250	KES 25,000	\$ 197.50
	Binding wire (Kgs)	6	KES 250	KES 1,500	\$ 11.85
	PCV Polythene paper (1000gms)	10	KES 200	KES 2,000	\$ 15.80
	Wire mesh (pcs)	4	KES 2,450	KES 9,800	\$ 77.42
	Iron Sheet (pcs)	6	KES 2,500	KES 15,000	\$ 118.50
	Building blocks (pcs)	2,000	KES 75	KES 150,000	\$ 1,185.00
	Ventilators (pcs)	8	KES 500	KES 4,000	\$ 31.60
	Nails- 2",3" and 4" (kgs)	6	KES 200	KES 1,200	\$ 9.48
	Red oxide (pcs)	7	KES 1,300	KES 9,100	\$ 71.89
	Foam work timber	6	KES 500	KES 3,000	\$ 23.70
	Transport (trip)	3	KES 6,500	KES 19,500	\$ 154.05
	Labour(Marsonary& Roofing) pa	3	KES 40,000	KES 120,000	\$ 948.00
	SubTotals			KES 521,150	\$ 4,188.19
Roofing works	Roofing iron sheet (pcs)	22	KES 2,500	KES 55,000	\$ 434.50
	Roofing nails (kgs)	6	KES 360	KES 2,160	\$ 17.06
	Ordinary Nails (kgs)	8	KES 200	KES 1,600	\$ 12.64
	Timber 4 x2(feet)	500	KES 45	KES 22,500	\$ 177.75
	Fascial Board 7x1 (feet)	170	KES 85	KES 14,450	\$ 114.16
	Ridge cups	3	KES 650	KES 1,950	\$ 15.41
	Doors Frames (pcs)	8	KES 1,500	KES 12,000	\$ 94.80
	Doors (pcs)	8	KES 2,250	KES 18,000	\$ 142.20
	Doors fittings (Hinges & Latches)	24	KES 100	KES 2,400	\$ 18.96
	Doors fittings (shutters) Pcs	16	KES 100	KES 1,600	\$ 12.64
	Sub Totals			KES 131,660	\$ 1,040.11

Paint works	Undercoat(20 ltrs)	2	KES 4,500	KES 9,000	\$ 71.10
	Vinyl Mat (20 ltrs)	2	KES 15,000	KES 30,000	\$ 237.00
	Emulsion (20 ltrs)	2	KES 2,500	KES 5,000	\$ 39.50
	Paint brush 6" (pcs)	2	KES 300	KES 600	\$ 4.74
	Paint rollers (pcs)	2	KES 300	KES 600	\$ 4.74
	White spirit (ltrs)	5	KES 500	KES 2,500	\$ 19.75
	True Blue paint(4 Ltrs)	2	KES 3,000	KES 6,000	\$ 47.40
	Paint work Labour	2	KES 7,500	KES 15,000	\$ 118.50
	Sub Total			KES 68,700	\$ 542.73
Plumbing work	Breather pipes (pcs)	2	KES 1,300	KES 2,600	\$ 20.54
	PPR Pipes 32' (pcs)	25	KES 500	KES 12,500	\$ 98.75
	PPR Pipes 25' (pcs)	25	KES 450	KES 11,250	\$ 88.88
	PPR Accessories (assorted)	1	KES 2,500	KES 2,500	\$ 19.75
	Gate valves (pcs)	4	KES 1,500	KES 6,000	\$ 47.40
	Angle Valve (pcs)	8	KES 550	KES 4,400	\$ 34.76
	Flex tubes (pcs)	4	KES 300	KES 1,200	\$ 9.48
	Pilar taps (pcs)	4	KES 850	KES 3,400	\$ 26.86
	PVC pipes 2'	4	KES 1,500	KES 6,000	\$ 47.40
	Shower pipes (pcs)	4	KES 1,500	KES 6,000	\$ 47.40
	GI Accessories (assorted)	1	KES 2,500	KES 2,500	\$ 19.75
	Plumbing Labour	2	KES 10,000	KES 20,000	\$ 158.00
	Sub Totals			KES 78,350	\$ 618.97
Monitoring and Evaluation	PLIKEN Staff	2	KES 10,000	KES 20,000	\$ 158.00
	Sub Totals			KES 20,000	\$ 158.00
Handover and plaques	PLIKEN team transport	3	KES 7,500	KES 22,500	\$ 177.75
	Printing plaques	2	KES 2,500	KES 5,000	\$ 39.50
	Sub total			KES 27,500	\$ 217.25
Total				KES 907,360	\$ 7,239.24
Less community contribution (digging pit trenches and provision of hardcore				KES (85,000)	\$ (671.50)
TGUP Project management & reporting				KES 164,472	\$ 1,299.33
Grand total				KES 986,832	\$ 7,867.07

Submitted by:

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